

Ludwig & Ludwig INCORPORATED

BOB PERRY
Lockie Music Exchange
1036 S. Broadway
LOS ANGELES, CAL.

TOPS IN THE



DRUM WORLD

DRUMS AND ACCESSORIES
MALLET PLAYED INSTRUMENTS
DRUM CORPS EQUIPMENT

Index

CATALOG NO. 40-B

Bass Drums	14, 15, 16, 17
Bass Drums, Scotch	13
Bass Drum Blinker Lights	28
Bass Drum Mufflers	34
Bass Drum Stands	35
Bass Drum Sticks	40
Batons and Baton Covers	62, 63, 64
Bells	50
Bell-Lyra, Standard and Alto Models	51
Blinker Lights for Bass Drum	28
Blue End Sticks	38
Brushes, Wire	39
Bugles	56, 57
Bugle-Lyra	57
Cases for Drums, Fibre	42
Chimes	50, 51
Chimes Mallets	41
Counter Hoops	61
Covers, Mackintosh—Drum	43
Cow Bells and Holders	34
Cymbals	29, 30
Cymbal Holders	31
Cymbal Pedal	28
Cymbal Straps and Pads	55
Decorations, Pearl	4
DeLuxe Drum Finishes	4
Drummer's Throne	33
Drum, Practice Pad	37
Drums, Snare	5 to 12
Drums, Bass	14, 15, 16, 17
Drums, Parade	10, 11, 12
Drums, School	8
Drums, Tenor	13
Drums, Scotch Bass	13
Drum Outfits	18 to 22
Drum Corps Drums	10 to 13
Drum Corps Accessories	55
Drum Cases, Fibre	42
Drum Covers, Mackintosh	43
Drum Heads	44, 45
Drum Heaters, Electric	28
Drum Keys	37
Drum Repair Parts	58, 59
Drum Slings	55
Drum Stands	35
Features—	
Snare Drum	5
Bass Drum	15
Mallet Instrument	46
Tympati	52
Fibre Drum Cases	42
Finishes, Special	4
Flute, Song	60
Flash Pearl Baton	63
Gongs, Chinese	30
Gong Stands	30
Guarantee	1
Gut Snare	36
Heads, Snare, Bass, Tympati, and Banjo	44, 45
Head Tucking Tool	45
Holder, Cow Bell	34
Holder, Cymbal	31
Holder, Temple Block	33
Holder, Tom-Tom	24, 25
Holder, Triangle	34
Holder, Wood Block	34
Imitations, Sound	37
Instruction Books	23
Internal Tone Control	5
Keys, Drum	37
Leg Rest, Parade Drum	55
Lights for Bass Drum	28
Lyra, Bell and Bugle	51, 57
Mackintosh Drum Covers	43
Mallets, Bell, Xylophone, Marimba Chimes, and Vibra-Celeste	41
Maracas	36
Marimbas	47
Mallet Instruments	46 to 51
Monster Bass Drums	15
Mufflers, Bass Drum	34
Music Holders	55
Outfits	18 to 22
Pearl Finishes	4
Parade Drums	11 to 13
Pedals	26, 27
Pedal Parts	59
Piston Bugles	56
Practice Pads, Drum	37
Rain Covers, for Parade Drums	55
Repair Parts, Drum	58, 59

Repair Parts, Pedal	59
Rhythm Band Instruments	60, 61
Scotch Bass Drums	13
Scotch Bass Drum Sticks	40
Single Head Tom-Toms	25
Slings, Snare and Bass Drum	55
Snare Drums	5 to 12
Snare, Super-Ludwig	36
Snare, Snappi-Snare, Gut, Silk-Wire	36
Snare Strainer, Standard	7
Snare Strainer, Super-Ludwig	6
Snare Strainer, Super-Duo	8, 10
Snare Strainer, Repair Parts	59
Song Flute	60
Song Whistle	37
Spurs, Bass Drum	28
Stands, Drum	35
Stands, Tom-Tom	24
Stands, Cymbal and Gong	30
Sticks, Hickory	38
Sticks, Blue End	38
Sticks, Rosewood	38
Sticks, Specialty	38
Sticks, Tympati	41
Synco-Jazz Brushes	39
Temple Blocks and Holders	33
Tenor Drums	13
Tenor Drum Sticks	40
Tom-Toms and Holders	24, 25
Tom-Toms, Single Head	25
Tone Control, Internal	5
Trap Racks	32, 33
Triangles and Holders	34
Tuning Bars	37
Tunable Tom-Toms	24, 25
Tympati	52 to 54
Tympati Sticks	41
Tympati Wheels	54
Vibra-Celestes	48
Vibra-Celeste Mallets	41
Whistle, Drum Major's	55
Whistle, Song	37
Wire Brushes	39
Wood Blocks and Holders	34
Xylophones	49, 50
Xylophone Mallets	41

GENERAL INFORMATION

Patronize Your Local Dealer—For fast, efficient, reliable service, best results will be obtained by visiting your local Ludwig & Ludwig dealer. Most cities and towns have an authorized Ludwig & Ludwig dealer who will gladly show you the instruments of your choice; and who will gladly order anything for you which he does not have on hand. You will save transportation charges by ordering through him, and you may, by establishing your credit with him, purchase your equipment on a time basis. If you do not know who the Ludwig & Ludwig dealer is in your locality, we will be glad to supply his name upon receipt of your request.

How To Order—Make your order as plain as possible; give catalog number, description, sizes, finishes, and any other information which will enable us to serve you most efficiently. State how goods are to be shipped, and be sure to add an amount sufficient to cover shipping charges.

All Prices are F.O.B. shipping point and are subject to change without notice. Prices in this catalog supersede all previous price lists.

Remittances Are Safest when made by money order. Please do not remit currency. Stamps will be accepted for amounts less than one dollar. All retail orders must be accompanied by a deposit of not less than 10% of the total, balance C.O.D., unless special terms have been arranged.

Fully Factory Guaranteed—Every instrument, accessory, or repair part in this catalog is guaranteed to be exactly as represented. Any merchandise found unsatisfactory may be returned for credit, provided you receive our written instructions first. All returned merchandise must be sent prepaid. Write us fully as to the reason for returning merchandise, and mark the package plainly.

Factory Repair Service—Our repair department is fully equipped to serve you with speed and efficiency to your complete satisfaction. Instruments to be repaired must be sent prepaid with full instructions included. Prices will be quoted upon application. When ordering *Repair Parts*, please give catalog number, name of part, materials, size, colors, finishes, etc. A drawing of the part will help to avoid delay and eliminate unnecessary correspondence.



CARL E. GANIER
Credit and Office Manager

• OUR PLEDGE TO YOU • Highest Quality Merchandise, Finest Craftsmanship, Service



JOE BERRYMAN
Sales Manager

You, and the tens of thousands of other customers throughout the world, are instrumental in the growth of Ludwig & Ludwig, Inc., to the present position of the world's largest drum makers. Now, as in the past, **QUALITY, CRAFTSMANSHIP, and SERVICE** are our watchwords. Not content to rest on our laurels, we are constantly striving to improve present-day drum equipment and, also, to anticipate the drummers' needs for additional new aids to better drumming!

Famous Ludwig & Ludwig Firsts

- first in America to make pedal tympani.
- first to develop and popularize the separate tension snare drum.
- first to make and market a snare drum with dual snares.
- first to produce a speed pedal.
- first to develop and perfect the "Aero-Kraft" laminated drum shell construction.
- first to popularize complete drum outfits.
- first to develop and promote new finishes, colors, and decorative designs.
- first to develop chromatic mounted aluminum bell-lyra and bugle-lyra.
- first to produce the modern piston bugle.
- first to promote rudimental contests in the drum corps field.

These Trademarks Guarantee Quality

**For Your Protection Insist On Genuine
LUDWIG & LUDWIG CRAFTSMANSHIP**

• • THERE IS NO SUBSTITUTE • •

Beware of Imitations

We regret that recently customers have complained of receiving unsatisfactory merchandise which, investigation revealed, was not made or manufactured by us, although the customer erroneously thought he had purchased genuine Ludwig & Ludwig equipment.

In order to make sure that you are obtaining genuine Ludwig & Ludwig, Inc., merchandise, **INSIST** that the LUDWIG trademark or the

LUDWIG & LUDWIG name is on the equipment which you buy! Do not accept substitutes. The genuine trademarks are reproduced on this page.

NOTE: Do not confuse the genuine Ludwig & Ludwig, Inc., percussion or mallet-played instruments and accessories, which we manufacture, with any other products bearing a similar name of company or individual.

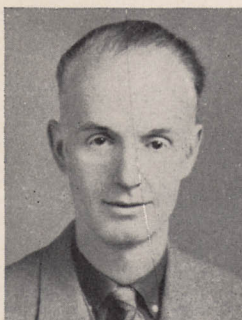
Patronize your local Ludwig & Ludwig dealer and be **SURE** of getting what you ask for.

For special drummer problems, we invite you to write the factory direct. Our entire staff, many of whom have been actively engaged in professional, school, and drum corps work, are at your disposal. We hope we can be of service to you.

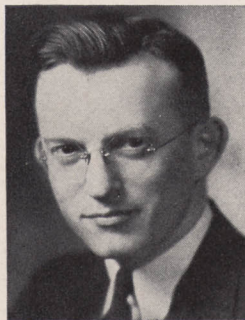


Look for this Guarantee

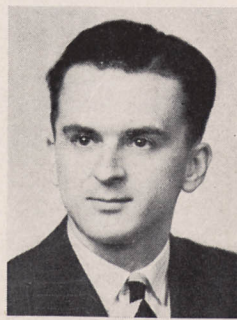
Every professional instrument made by Ludwig & Ludwig, Inc., bears the Ludwig Guarantee which assures the purchaser that his instrument will give him long, satisfactory service. Look for the Ludwig & Ludwig, Inc., trade-mark and guarantee on instruments **BEFORE YOU BUY!**



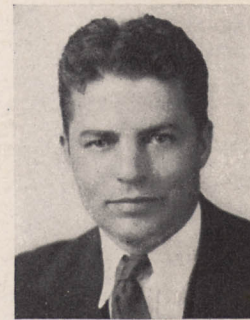
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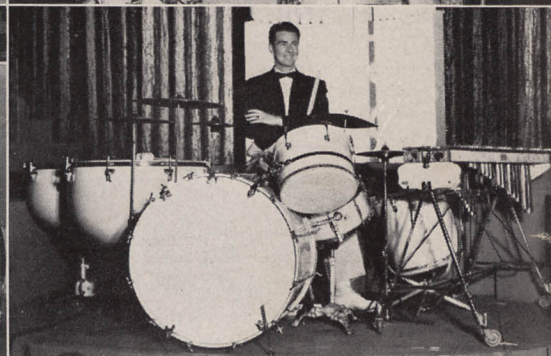
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INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE

LU DWIG & LUD



Tops in the



First Row, Top to Bottom:

ORMOND DOWNES, stellar percussion artist with Ted Weems' great band of dance and radio fame. 100% Ludwig & Ludwig equipped.

ROY KNAPP, famous professional player, drum teacher and coach, staff artist at NBC, CBS, and Mutual Chicago Studios. For twenty years a Ludwig & Ludwig user 100%.

RUSS ISSACS, fine drummer with Jan Savitt and his Top Hatters dance and radio band. Uses complete Ludwig & Ludwig drumming equipment.

Second Row, Top to Bottom:

COSY COLE, great rhythm stylist with Cab Calloway and his famous "Hi-De-Ho" dance, radio, and show band. Uses two complete Ludwig & Ludwig outfits; one for big band work and one for jam specialties down in front.

JOHNNY JACOBS (behind drum outfit), with Lud Gluskin and Wilbur Hatch, both Musical Directors of CBS studios on the West Coast. Completely equipped with Ludwig & Ludwig instruments.

SIDNEY (BIG SID) CATLETT, great drummer with Louis (Satchmo) Armstrong band. Completely equipped with Ludwig & Ludwig instruments.

Third Row, Top to Bottom:

EDDIE SHEA, ace drummer with Kay Kyser and his "Makes you want to dance" radio, and dance band. A fine drummer fully equipped with Ludwig & Ludwig drum equipment throughout.

BUD MOORE, San Francisco percussionist at Golden Gate Theatre. Completely equipped 100% with Ludwig & Ludwig instruments.

JACK POWELL, "The World's Highest Paid Drum Star," uses and recommends Ludwig & Ludwig equipment for every type of work. A Ludwig & Ludwig user for more than 25 years.

WIG USERS ARE . .

Drum World

Below, left to right: Top Row

OTTO KRISTUFEK, fine tympani artist of Chicago and author of the Ludwig Tympani Instructor. Uses Ludwig & Ludwig Tympani exclusively.

EDWARD B. STRAIGHT, fine percussionist of Chicago. Formerly of Glendale, California. Uses Ludwig & Ludwig equipment exclusively.

OSCAR SCHWAR, great tympani artist with the Philadelphia Symphony Orchestra. Uses Ludwig & Ludwig tympani exclusively.

MURRAY GAER, percussion artist with Abe Lyman's great orchestra. Fully equipped with Ludwig & Ludwig drum equipment and accessories.

Below, left to right: Bottom Row

FRED H. SCHULTZ, percussionist of Milwaukee, Wis. Uses Ludwig & Ludwig equipment exclusively.

SIMON STERNBURG, percussion artist of Boston, Mass. Uses Ludwig & Ludwig equipment exclusively.

LOU SINGER, outstanding Chicago drum and mallet instrument artist, State-Lake Theatre. Completely equipped with Ludwig & Ludwig instruments.

ALLEN KIMMEY, staff drum and mallet artist of Station WBBM, Chicago. Completely Ludwig & Ludwig.

Right, Top to Bottom:

BEN POLLACK, leader of own famous band and dispenser of drum specialties down front with his complete Ludwig & Ludwig outfit.

PAUL COLLINS, fine drummer with Jack Teagarden, "That man of the Blues," and his orchestra. Uses Ludwig & Ludwig drum equipment.

PERCUSSION STAFF NBC CHICAGO, 100% Ludwig & Ludwig! Left to right, they are: Ralph Smith, Frank Rullo, Bobby Christian, and Harry Buddinger.

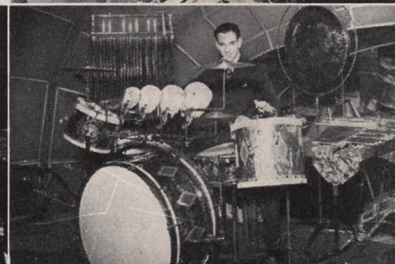
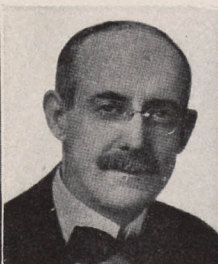
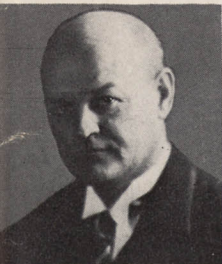
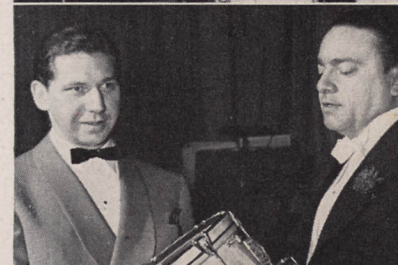
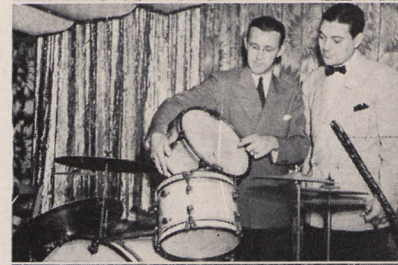
BOB WHITE, ace percussionist with Freddie Martin and his great band. A Ludwig & Ludwig user of prominence.

GIL BAER, drummer with the "Tone Poet" Leonard Keller and his orchestra, now playing Chicago's Bismark Hotel in the famous Walnut Room. Ludwig & Ludwig equipped.

BOB SPANGLER, left, and Vincent Lopez, with whom he plays his Ludwig & Ludwig equipment to the delight of music lovers everywhere.

DICK FREEMAN, Australia's leading drum artist, who is completely equipped with Ludwig & Ludwig drummer instruments and accessories.

JOE AMATO, famous West Coast tympanist and rudimental artist who uses and recommends Ludwig & Ludwig equipment.





Special Finishes

FOR SNARE DRUMS, BASS DRUMS, TOM-TOMS AND OUTFITS . . .

Showmanship and "flash" are as much a part of the modern drummer's routine as the drum head is a part of a drum. Today, the drummer is often the featured player, and genuine showmanship is part of his stock in trade. His work is easier, his popularity more assured, and his remuneration generally greater if his outfit is as pleasant to the eye as his rhythms are to the ear.

Special Ludwig DeLuxe finishes on drums and complete outfits are glorified models that you will be proud to display and use anywhere. They are practical as well as beautiful. A DeLuxe finish drum or outfit will retain its beauty for a longer period of time and have a higher resale value.

Any of the beautiful Ludwig Pearl or Flash finishes shown here, at the left, may be had on snare drums, bass drums, tom-toms, and complete outfits. Prices are shown with the illustrations on the following pages. The slight additional cost includes matching or contrasting inlay in mahogany finish Bass Drum counter hoops.

Flash Pearl Decorations

Pearl shell drums are especially colorful with the addition of two or three color decorations—preferably in contrasting colors. The illustrations (right) show five popular decorations available on any Ludwig snare, parade, tenor, or bass drum in any of the colors shown on this page. Decorations are supplied on pearl shell drums at the additional cost given below.

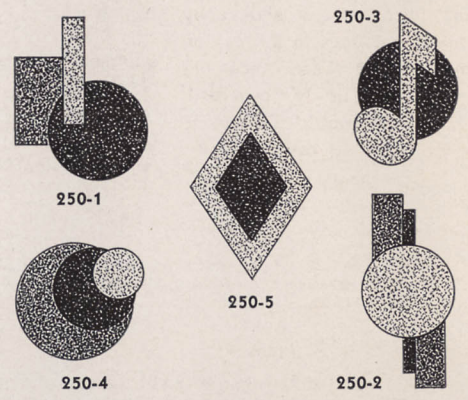
	Snare Drums	Parade and Tenor Drums	Bass Drums
No. 250-1—Two or three colors	\$4.50	\$6.50	\$10.00
No. 250-2—Two or three colors	4.50	6.50	10.00
No. 250-3—Two colors only	5.75	7.75	11.25
No. 250-4—Two or three colors	5.00	7.00	10.50
No. 250-5—Two colors only	4.50	6.50	10.00

Be sure to Specify Colors Wanted



Chromium Plating

A lifelong plating, second only to diamond in hardness, which will not crack, flake, or peel. It is the easiest of all metal platings to keep clean. Merely wipe with a slightly dampened cloth. Will not rust or tarnish. All but a few of the drums and accessories shown in this catalog can be supplied with Chromium plated metal parts at slight additional cost. Why not use this super finish for its greater beauty and lasting satisfaction?



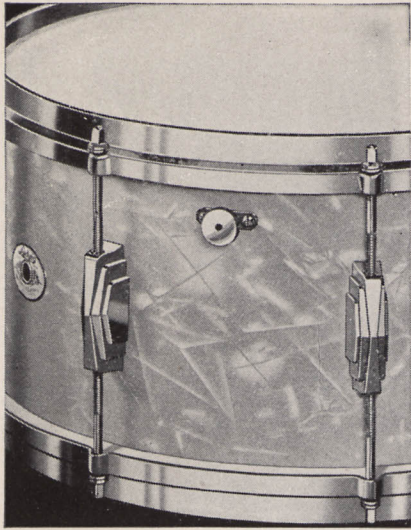
Multi-Color Finishes

Beautiful lacquer finishes dexteriously applied with two contrasting colors giving a three-tone effect. See illustration of drum outfit at the right. Blue and silver Multi-Color is standard with the blue on the outside gradually fusing with the silver so that it graduates from solid blue through silver blue, to a pure silver color. This same effect is obtained when other Multi-Color combinations are used such as Green and Gold; Red and Silver; Black and Gold; and Black and Silver. Prices for Multi-Color are shown with the merchandise as illustrated on the following pages. Special color combinations in Multi-Color effect can be furnished at an extra charge of \$2.50 on bass drum, \$2.00 on snare drum, parade drum, and tom tom.



INLAID COUNTER HOOPS

Inlaid bass drum counter hoops in any standard pearl or flash, \$3.00 extra when ordered with lacquer color shell drums; \$1.50 extra for pearl inlaid counter hoops on lacquer finish snare drums, parade drums, and tenor drums.



Ludwig & Ludwig Snare Drums Offer More Value in Important Features

PERFECT SHELLS — The strongest, most perfectly round shells made—wood or metal. They maintain their roundness under all weather conditions.

UNIFORMLY ACCURATE SIZES— Ludwig & Ludwig snare drums are absolutely uniform so that you can change hoops or other parts with full assurance of perfect fit.

STREAMLINE TENSION CASES— Beautiful, modern design, strength, and uniformity. Match the tension cases on bass drums and tom toms for eye-appeal.

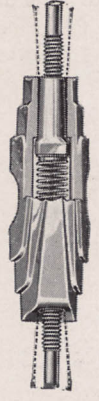
FULL SELF ALIGNMENT—Streamlined tension cases are so constructed as to perfectly self align the rods and assure better head tension and finer playing qualities.

FINEST MATCHED HEADS—Carefully selected, finest quality calfskin, matched for tonal perfection and response. Heads made in our own plant.

FINEST SNARE STRAINERS — Instant throw-on and throw-off. Lighting fast, positive action.

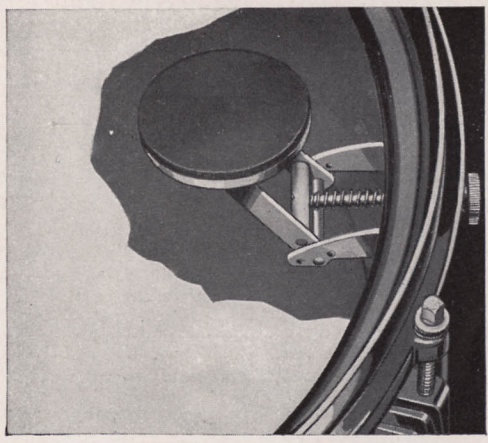
New Streamlined Tension Case With Self Alignment

You won't strip the threads on the rods of a Ludwig separate tension snare drum, bass drum, or tunable tom-tom, for all of these instruments are now made with self-aligning rods! Rods screw into receiving tubes, or lugs, on the inside of the beautiful streamlined tension cases, which are free to move in any direction, as shown by the dotted lines in illustration at the right. These receiving tubes are entirely concealed, with no exposed fittings to mar the beauty and symmetry of the tension cases. Self-aligning rods assure better head tension and better playing qualities. Another reason for Ludwig supremacy!

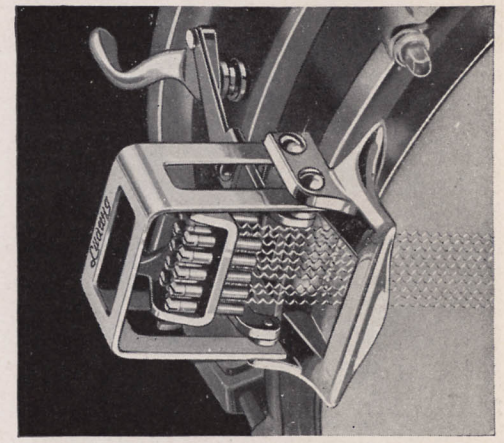


INTERNAL TONE CONTROL— Eliminates annoying ring. Permits fullest tone regulation by means of adjustment knob on outside of drum. Also used on tunable tom toms, if desired. Illustrated below.

No. 681 — Internal Tone Control, Each \$0.75

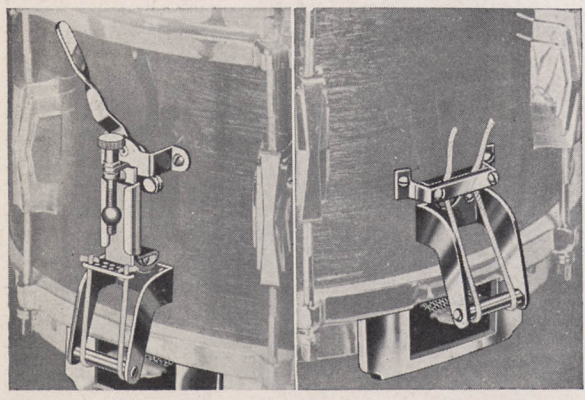


INDIVIDUAL SNARE ADJUSTMENT— On Super-Ludwig drums. Gives perfect, instant, individual adjustment for each snare—gut, coiled wire, or silk-wire. Snare adjustment illustrated below.



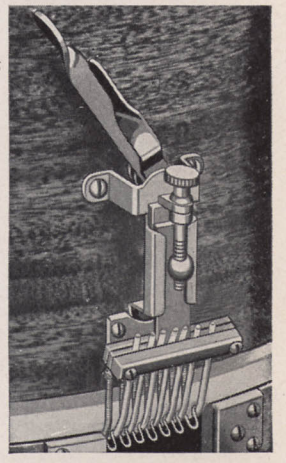
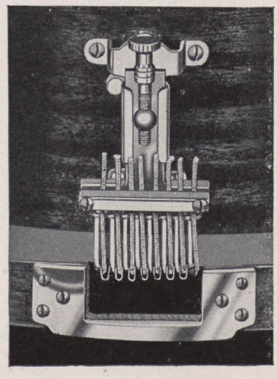
NEW "STANDARD" SNARE EXTENSION STRAINER

A wonderful new strainer, with extension brackets, which allows snare to extend beyond the head diameter permitting the use of longer snares, and assuring easier playing and more brilliant response. Snares throw-off farther, too. Throw-off lever and snare adjustment, left, below. Snare butt bracket, right, below.



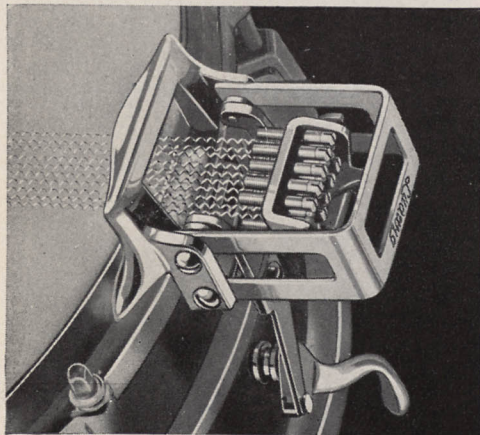
NEW "SUPER-DUO" SNARE STRAINER

Entirely new in design and effect! Both snares centered on head at all times. Instant adjustment and throw-off of either snare without affecting the other. Silk-wire snares for pianissimo and special effects. . . . hard-woven snares for body and power . . . eight of each. *Illustration at extreme right, shows the two levers, each of which operate the throw-off of one set of snares; also shown is the adjusting nut for hairline adjustment of one set of snares. Illustration at right, shows the adjustment nut and snare bracket on opposite side of drum; this adjustment nut gives hairline adjustment to the other set of snares. This Super-Duo strainer is used on drums shown on pages 8 and 10.*





Illustrating the 7 x 14" White Avalon Pearl Drum.



Easy, Instant Adjustment on Each Individual Snare.

Super Ludwig Snare Drums

SENSITIVE SNARE RESPONSE • INTERNAL TONE CONTROL
 INDIVIDUAL SNARE ADJUSTMENT • SNAPPI-SNARES • FULL
 SELF-ALIGNING RODS • STREAMLINE TENSION CASES
 EXCELLENT VOLUME AND POWER • SUPER CONSTRUCTION

Drummers everywhere are switching to this remarkable Super Ludwig Snare Drum. The easy response, the superb tone, and the full volume and power made possible by the critically accurate construction and exclusive features of this Ludwig & Ludwig masterpiece, are winning more friends each day among drummers who want the best. Modern design and beauty are combined with strength and durability of the metal flanged counter hoops and metal streamlined, self-aligning tension cases.

The metal shell drum is seamless, one-piece metal made with reinforcing bead for utmost strength. Shell and all fittings are heavily nickel plated; Chromium finish extra.

The wood shell drum is genuine Mahogany, in a beautiful hand rubbed and polished finish; the finest, most perfectly round shell made. Choice of any lacquer color on shell at no additional charge. Metal counter hoops, and all fittings heavily nickel plated, with Chromium and special shell finishes extra. Available with wood counter hoops at no extra charge.

Both metal and wood shell models are separate key tension style, with self-aligning streamline tension cases, internal tone control, individual snare adjustment, and instant throw-off and throw-on snare strainer with heavy cast lever. Prices listed at left.

Metal Shell

No. 44—Shell Size 6½x14", nickel plated...\$49.50
 Same as above, fully Chromium plated,
 extra..... 15.00

Wood Shell

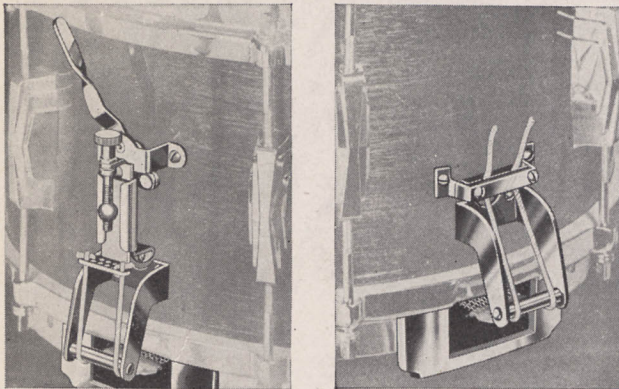
No. 54—Shell size 6½x14", nickel plated
 fittings.....\$49.50
 No. 50—Shell Size 7x14", nickel plated fit-
 tings..... 51.50
 No. 61—Shell Size 8x14", nickel plated fit-
 tings..... 51.50
 Choice of sizes, with Chromium plated fit-
 tings, extra..... 12.50
 Choice of sizes, with any Pearl on shell,
 Nickel fittings, extra..... 7.50
 Choice of sizes, with any Pearl on shell,
 Chromium parts, extra..... 20.00
 Wood Counter Hoops Available On Order,
 Any Size.....No Extra Charge

Ludwig & Ludwig STANDARD SNARE DRUMS

FULL SELF-ALIGNING RODS
 •
 NEW EXTENSION-TYPE STRAINER
 •
 SENSITIVE SNARE RESPONSE
 •
 ALL METAL SNAPPI-SNARES
 •
 INTERNAL TONE CONTROL
 •
 AMPLE VOLUME AND POWER



Illustrating the 7 x 14" White Avalon Pearl Model.



New Extension Snare Strainer

New extension "Standard" snare strainer allows snares to extend beyond the head diameter, permitting the use of longer snares and assuring easier playing and more brilliant response. Left, above, shows the throw-off lever and snare adjustment knob. Right, above, shows the snare butt bracket.

For nearly three decades the Ludwig & Ludwig Standard Snare Drum has been the outstanding "standard" by which other drums have been judged, and on which the Ludwig & Ludwig reputation was founded. Improved construction methods and important refinements now make this drum the finest standard drum of all times! Made in two models, wood shell and metal shell, and furnished in a choice of sizes to fit the requirements of the discriminate drummer. Heads are tensioned with eight key tension, self-aligning rods and new modern design tension cases. New extension-type strainer gives positive, quick throw-off and throw-on and All-Metal Snappi-Snares fit the modern need for sensitive snare response. Equipped with internal tone control for better adjustment of tonal requirements. Both batter and snare heads are finest quality, selected calfskin.

Metal shell is spun heavy gauge brass with new design reinforcing metal bead which adds to beauty as well as strength. Nickel plating is standard; Chromium plating extra. Wood shell is genuine Mahogany, of extra strong, perfect round construction and beautiful finish in natural Mahogany or Lacquer colors. Metal parts are nickel plated; Chromium plated metal parts, extra. Prices below, left.

Illustrating the 7 x 14" Multi-Color Model.



Wood Shell

- No. 28—Shell Size 6½x14", nickel plated metal parts..... 38.00
- No. 35—Shell Size 7x14", nickel plated metal parts..... 40.00
- No. 37—Shell Size 8x14", nickel plated metal parts..... 40.00
- Choice of sizes, with Chromium plated fittings, extra..... 7.50
- Choice of sizes, with any Pearl on Shell, nickel parts, extra..... 7.50
- Choice of sizes, with any Pearl on Shell, Chromium parts, extra..... 15.00
- Choice of Black and Gold or Blue and Silver Multi-Color shell..... No Extra Charge
- Wood Counter Hoops Available on Order, Any Size..... No Extra Charge

Metal Shell

- No. 8—Shell Size, 6½x14", nickel plated metal parts..... 38.00
- No. 9—Shell Size 6½x15", nickel plated metal parts, (made on special, non-cancelable order only)..... 43.00
- Choice of sizes, with Chromium plated metal parts, extra..... 10.00
- Choice of sizes, with engraved black shell, Chromium plated fittings, extra..... 10.00



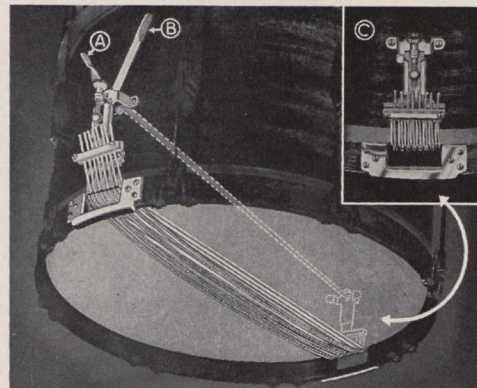
Combination Parade and Concert Drum

• With Centered Hard-woven and Silk-wire, Spread Snares •

A sensationally new and different *Combination Drum*, featuring a new size drum with hard-woven and silk-wire snares; both sets *CENTERED* on head, and spread for greater response and wide range of effects. Shell is finest quality laminated construction Mahogany in 9"x15" size, giving it a range for both concert and parade use. Rock Maple wood counter hoops, Mahogany finish, make a beautiful appearance and keep the drum light in weight. Equipped with beautiful streamlined, self-aligning tension cases, separate tension rods. Heads are *SELECTED* batter and *CROWN BRAND* transparent snare head. All metal parts heavily nickel plated. Standard equipment includes eight heavy hard-woven snares (not affected by dampness) for tonal breadth and solidity, and eight silk-wire snares for all lighter effects, responding to the lightest tap with no danger of the drum choking. New *Combination Super-Duo Strainer* permits either set of snares to be thrown off or on, without disturbing the other snares, and also permits the throw-off of both sets of snares at the same time, without danger of snares kinking or becoming twisted. The ideal drum for schools with a budget!

"Super-Duo" Strainer

The newest, most practical snare strainer of its type. Absolutely keeps both sets of snares in line and centered on head, without danger of kinking or twisting. Illustration at right shows how alternate hard-woven and silk-wire snares are located on head and how great a throw-off is effected on either set of snares. "A" lever operates the hard-woven snares, which are in contact with the head; "B" lever operates the silk-wire snares which are in throw-off position. Hairline accurate adjustment of one set of snares is effected by turning the knurled knob shown with the levers. Inset, "C" shows the snare butt assembly and the hairline adjustment knob for the other set of snares.



No. 20—Combination Parade and Concert Drum, with Super-Duo Strainer and alternate hard-woven and silk-wire spread snares, complete as described above, right\$45.00
(Gut snares supplied at same price as hard-woven, if specified on order).

OTHER SUPER-DUO SNARE DRUMS ILLUSTRATED AND DESCRIBED ON PAGE TEN.



No. 24

Other Ludwig & Ludwig School Band Drums

Pioneer Concert Snare Drum

Large 7" by 15" mahogany shell with eight separate, key tension rods, all heavily nickel plated. Nickel plated, metal counter hoops. Equipped with Ludwig & Ludwig silk wire wound snares, and instant throw-on and throw-off snare strainer, nickel plated. Fine selected calfskin heads combine with the silk wire wound snares to give brilliant snap and response with plenty of power and volume.

No. 24—Pioneer Concert Snare Drum, 7" by 15" shell size\$30.00

Standard Concert Snare Drum

Large 8" by 15" genuine mahogany shell. Nickel plated, metal counter hoops and eight separate, key tension rods and self-aligning streamline tension cases. Equipped with ten heavy gut snares with fast throw-off and throw-on strainer, heavily nickel plated. Fine selected calfskin heads. Drum fills a need where volume, power, and brilliance is wanted on concert. Professional quality and modern design makes this drum a favorite.

No. 25—Standard Concert Snare Drum, 8" by 15" shell size\$43.00

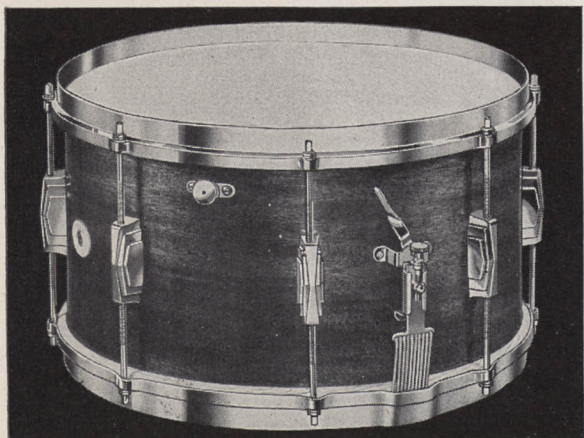
New Universal Concert Snare Drum

A high quality, 6½" by 14" drum at the unheard of low price of \$19.50. Fine quality mahogany shell with nickel plated metal counter hoops. Strong responsive tone, deep enough for concert band use. Six separate tension rods, nickel plated. Equipped with fine quality selected calfskin heads, wire wound snares, and standard snare strainer. Now every school band or orchestra can afford a good, professional quality snare drum for concert use.

No. 32—Universal Concert Snare Drum, 6½" by 14" shell size\$19.50



No. 32



No. 25



Ludwig & Ludwig Pioneer Snare Drum

6½"x14" or 5"x14" Shell Size

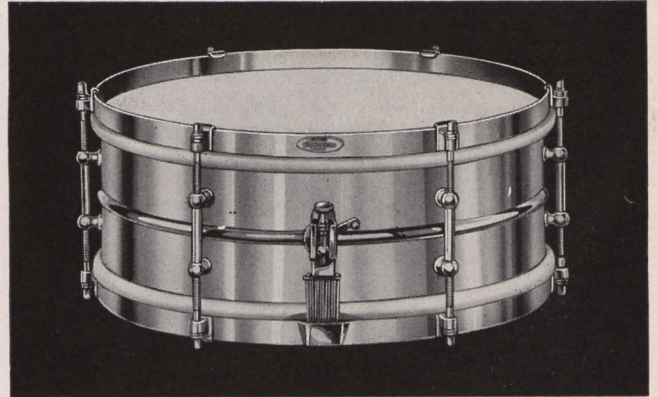
The pioneer snare drum is the original Ludwig drum with, of course, many improvements since it was first introduced by Ludwig & Ludwig in 1910. A sturdy, substantial model at a popular price. Has eight separate tension rods and strong flanged counter hoops. Snare strainer has a convenient throw-off and throw-on feature. Wire-wound snares. Fine quality calfskin heads. Not supplied in Chromium plated or pearl finishes.

- No. 18—Metal shell, size 6½"x14". Nickel plated finish\$25.00
- No. 48—Mahogany shell, metal hoops. Size 6½"x14". Nickel plated fittings. 25.00
- No. 17—Metal shell, size 5"x14". Nickel plated finish 25.00
- No. 47—Mahogany shell, metal hoops. Size 5"x14". Nickel plated fittings .. 25.00

Ludwig & Ludwig Universal Snare Drum

A low-priced drum of semi-professional caliber that cannot be surpassed at the price. Made with choice of all-metal or three-ply laminated mahogany shell. Has six separate tension rods, steel counter hoops, convenient throw-off muffler snare strainer, fine quality calfskin heads and quality wire wound snares. Not supplied in Chromium plated or pearl finishes. All metal parts heavily nickel plated. Size 5"x14" only.

- No. 12—Metal shell, size 5"x14". Shell and all parts heavily nickeled ..\$19.50
- No. 31—Mahogany Shell, size 5"x14". Nickel plated metal parts 19.50



Ludwig & Ludwig Universal Wood Shell Snare Drum

Similar to the Universal metal shell drum illustrated above as it has six separate tension rods and the same type of throw-off snare strainer. In all of the mechanical aspects it is like the above mentioned drum. The design, however, differs in that the shell is made of genuine mahogany, then lacquered white. Fine quality calfskin heads and wire wound snares are standard equipment. All metal parts are heavily nickel plated; not supplied in chromium finish.

- No. 32D—White Lacquer Universal Snare Drum, shell size 6½"x14" ..\$19.50
- Snappi-Snares supplied at time of order, extra charge only75



Juvenile Snare Drum

Not a toy, but a drum suited to the needs of the beginner whose age may range from 5 to 9 years. The shell is maple in its natural grain as are the maple counter hoops; new sturdy snare strainer; wire-wound snares; good grade heads.

- No. 4315—Juvenile Snare Drum, size 3½"x12", complete with sticks and sling\$7.00



Junior Snare Drum

This splendid drum is made with a choice of all-metal or mahogany shell and is ideal for the young drummer from 8 to 12 years of age. Heads are tensioned with six thumb-screw rods. Thumbscrew snare strainer, quality snares, and calfskin heads. Nickel plated. Size 3½"x13" only.

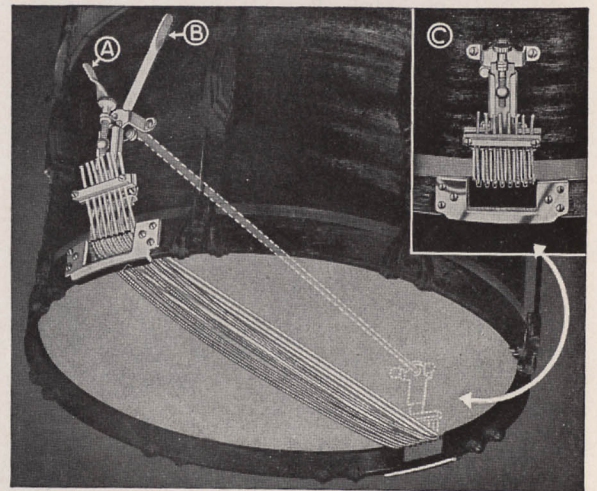
- No. 4395—Metal shell, size 3½"x13". Shell and all parts heavily nickeled\$11.50
- No. 4396—Mahogany Shell, size 3½"x13". Nickel plated metal parts 11.50



New Ludwig & Ludwig "Super-Duo" Parade Drums

WITH NEW DESIGN "SUPER-DUO" STRAINER AND
CENTERED HARD-WOVEN AND SILK-WIRE SPREAD SNARES

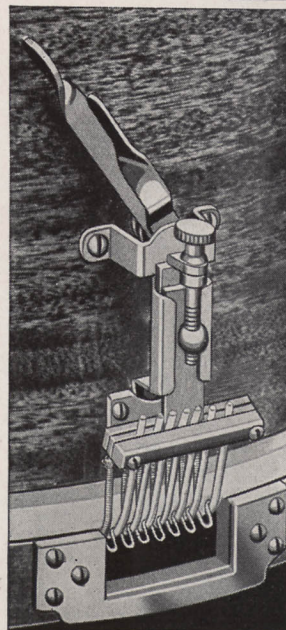
Illustrated above are two brand new 12"x15" parade drums, either of which will win your heart the moment you try it. Made in two models only, one with wood counter hoops and the other with metal counter hoops, these new drums feature a sensational snare strainer with centered hard-woven and silk-wire spread snares, either of which can be thrown-off independently of the other, without danger of snares kinking or twisting. Silk-wire snares give you the pianissimo and special effects produced by the lightest tap of the stick, without danger of choking. Hard-woven snares provide the true, deep and powerful, military drum tone. For general playing, the drum serves well with both sets of snares on. Particularly important is the alternate arrangement of both snares so that each set is **CENTERED** on the head, an indispensable factor in securing good drum tone. This arrangement of spreading the snares also allows tremendous volume when needed and helps make the drum sharp toned for crisp response. Shell is genuine Mahogany with Rock Maple Counter hoops in Mahogany color. Both models have self-aligning tension cases, allowing individual adjustment of snare and batter heads. Heads are selected batter and Crown Brand Transparent snare head. "Super-Duo" snare strainer is fool-proof and simple to operate. All metal parts heavily nickel plated. Sticks and sling included.



"SUPER-DUO" STRAINER

Illustration above shows the simple but effective operation of the new Ludwig & Ludwig "Super-Duo" snare strainer. Lever "A" operates the Hard-Woven snares, which are in contact with the head, in the illustration. Lever "B" operates the Silk-Wire snares, which in this illustration are shown released from the head. Instant hairline adjustment of one set of snares is accomplished by turning the knurled knob shown. Inset "C" shows the snare butt assembly and snare adjustment, located on the other side of the drum. Knurled knob in photo inset "C" is snare adjustment for second set of snares.

With this new strainer, both snares are **ALWAYS CENTERED** on head for good drum tone and wide range of effects. Special guard prevents snares from kinking or twisting and allows either set of snares to be released independent of the other . . . Or for tom tom effects, allows both sets of snares to be released at same time.



No. 1009—12"x15" Ludwig & Ludwig "Super-Duo" Parade Drum. Genuine Mahogany Shell with Rock Maple Counter Hoops in Mahogany color. Self-Aligning Tension Cases, "Super-Duo" Strainer with one Set of Hard-Woven and one Set of Silk-Wire Snares. Complete as illustrated and described . . . \$45.00

No. 1019—12"x15" Ludwig & Ludwig "Super-Duo" Parade Drum. Genuine Mahogany Shell with Metal Counter Hoops. Self-Aligning Tension Cases, "Super-Duo" Strainer with one set of Hard-Woven and one set of Silk-Wire Snares. Complete as illustrated and described . . . \$48.00



Ludwig & Ludwig Triumphal Parade Drum

With Self-Aligning Rods, and Separate Tension Cases



Ludwig & Ludwig Champion Parade Drum

With Self-Aligning Rods, and Separate Tension Cases



Recommended for concert, military, and marching bands. Responds easily with excellent tone, volume, and carrying power.

Low metal counter hoops permit an almost flat downward stroke of the sticks which is a feature. Separate tension, self-aligning rods give proper adjustment of both snare and batter heads for best snare response and drum tone. Improved appearance due to new tension cases and flanged metal counter hoops which cover the edge of the drum head. New type spread Snare Strainer, and selected Ludwig heads. Gut snares standard or silk-wire snares if ordered specially. Aero-Kraft Mahogany shell in natural finish, or your choice of lacquer colors or Blue and Silver Multi-Color finish.

Sticks and Sling Included

- No. 220—Size 12"x15". With natural finish Mahogany shell (or choice of lacquer colors) and nickel plated metal parts as described and illustrated ... **\$38.00**
- Same, but with Chromium plated metal parts **48.00**
- With choice of Ludwig Pearl shell and Nickel plated metal parts **50.50**
- With choice of Ludwig Pearl shell and Chromium plated metal parts **60.50**

One of the most popular of all Parade Drums for Drum Corps and marching band work. It plays easily with splendid tone, has plenty of volume and power, and is sturdily made with Aero-Kraft Mahogany shell and Maple counter hoops. New type spread snare strainer assures perfect snare response.

Each head is tensioned separately with the separate tension double hook clamp self-aligning rods which distribute the tension over a greater hoop surface and keep the heads uniformly tight. New design tension cases. Gut snares standard, or silk-wire on special order. Ludwig Selected heads. Available in Blue and Silver Multi-Color or other lacquer finishes at no extra charge. \$1.50 extra for pearl inlaid hoops.

Sticks and Sling Included

- No. 237—Size 12"x15". Mahogany shell and Maple hoops in natural finish (or choice of lacquer colors), with Nickel plated fittings **\$35.00**
- Mahogany shell and Maple hoops (or choice of lacquer colors) with Chromium fittings **45.00**
- With choice of Ludwig Pearl shell and Nickel plated fittings **47.50**
- With choice of Ludwig Pearl shell and Chromium plated fittings.. **57.50**



Drummer Parade Drum

The Drummer Parade Drum is an outstanding favorite because of its light weight and fine tone. A single key tension drum, it is tensioned at the top with the double hook clamp rods. The crackling snare response, volume, and power are equal to that of many higher priced drums on the market.

The Mahogany shell and Maple hoops in natural finish is regular, or choice of standard lacquer colors or Blue and Silver Multi-Color finish will be supplied at no extra cost. Metal fittings are Nickel plated. Shell is Aero-Kraft laminated construction. Improved Snare Strainer with ten heavy gauge gut snares and select Ludwig heads. An excellent drum at a moderate price.

Sticks and Sling Included

- No. 263—Size 12"x15". With Mahogany shell and Maple hoops in natural finish (or your choice of lacquer colors) and Nickel plated metal parts **\$30.00**
- Pearl inlaid hoops, extra **1.50**
- Same, but with Chromium plated metal parts **40.00**
- With choice of Ludwig Pearl shell and Nickel plated metal parts.. **42.50**
- With choice of Ludwig Pearl shell and Chromium plated metal parts **52.50**



Popular Parade Drum

12"x15" Shell Single Tension Only

This is a popular drum with Junior Drum Corps because it is a little lighter than the separate tension models, and is tensioned with thumb-screw rods instead of with a key. An easy speaking drum with excellent tone, and ample volume and power.

Made in 12"x15" size only, with Mahogany shell and Maple hoops in natural finish, and nickel plated fittings. Eight sturdy rods, with center support studs. Improved snare strainer with silk wire snares (gut snares available at same price on special order only). Ludwig quality calfskin heads.

Sticks and Sling Included

- No. 216—Popular Parade Drum, 12"x15", Mahogany shell, Maple hoops, nickel plated fittings. Each **\$25.00**
- Choice of lacquer colors on shell and hoops **\$1.50 Extra**
- Pearl inlaid hoops **1.50 Extra**

Junior Parade Drum

The Junior Parade Drum is a truly professional drum in every way, but of a size and weight that makes it especially suitable for Scouts, Campfire Girls, and School Drum Corps where ages range from twelve to sixteen years. The size is 10"x14", and it is light in weight, easy to carry, and easy to sling.

This model is also a favorite for adult Ladies' Drum Corps, usually in a gleaming snowy white lacquer finish, and is used extensively by Ladies' Auxiliaries of the American Legion and other organizations.

Excellent snare response, fine quality drum tone, ample volume, and exceptional carrying power recommend this drum for general all-around use. Made with single key tension double hook clamp rods, with heads easily tensioned from the top. Available with or without center support studs. Improved snare strainer, wire-wound silk snares and quality calf Ludwig heads are standard.



No. 258—Without Center Support Studs

No. 258—Size 10"x14" only. With Mahogany finish shell, Maple hoops and Nickel plated fittings. WITHOUT CENTER SUPPORT STUDS\$18.50

For choice of lacquer colors on shell and hoops, add to prices of Nos. 256, 257, or 258\$1.50 Extra
Pearl Inlaid Counter Hoops\$1.50 Extra

Extra charge for gut snares on Nos. 256, 257, or 258\$1.75

Sticks and Sling Included.

No. 256—10"x15" size. Single tension. Does not have tension cases or self-aligning rods. Nickel plated fittings\$23.00

No. 257—Size 10"x14" only, with Mahogany finish shell, Maple hoops and Nickel plated fittings. WITH CENTER SUPPORT STUDS\$20.00



No. 257—With Center Support Studs

Junior Cadet Parade Drum

An excellent parade drum for Junior Corps because of its fine, sturdy construction and light weight, practical size. Shell is strongly constructed of finest quality natural mahogany and the counter hoops

are natural finish maple. All metal parts are heavily nickel plated. The moderate price of this fine drum includes drum sling and sticks. Drum is equipped with silk wire wound snares. Shell size is 8" by 14".

No. 4356—Junior Cadet Parade Drum, 8" by 14", complete with sticks and sling\$16.50

Juvenile Cadet Parade Drum



This drum is recommended for small Cub Scouts, and School Corps where ages range from eight to twelve years. Light in weight and easy to play. Mahogany finish shell, Maple counter hoops, improved Snare Strainer, wire-wound silk snares, and quality calf heads are standard. Size 8"x13" only. Sticks and slings included.

No. 4355—Juvenile Cadet Parade Drum as illustrated and described, size 8"x13"\$15.00

For choice of color on shell and hoops, add 1.50

Page 12

Economy Parade Drum

An exceptionally fine drum, moderately priced, but with the tonal qualities, volume, and construction features of similar size drums selling at considerably higher prices. Has highly polished Mahogany finish shell with Maple hoops in natural finish. Has eight double claw hook rods which are self-aligning, and have the new streamline tension cases. Wire-wound snares and genuine Calfskin heads.

Sticks and Sling Included.

No. 260—Size 10"x14". With Mahogany finish shell, Maple hoops, and wire-wound snares. Nickel plated fittings only\$28.00

No. 261—10"x15" size. Separate tension, self-aligning rods, new tension cases. Nickel plated fittings\$30.50

Extra for gut snares 1.75

For choice of lacquer colors on shell and hoops\$1.50 Extra

Pearl Inlaid Counter Hoops\$1.50 Extra



Juvenile Parade Drum

Correct in proportion and construction this drum has an excellent tone and surprising volume. Popular for use in the Rhythm Band, juvenile band and drum corps, and as an instruction drum for young beginners. Maple finish shell and counter hoops, thumbscrew tensioning rods, new sturdy snare strainer, silk wire snares and good grade calfskin heads.

No. 4316—Juvenile Parade Drum, size 7"x12", complete with sticks and sling\$8.50

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE



No. 2856

LUDWIG & LUDWIG TENOR DRUMS

Aero-Kraft Shell Construction

Tenor Drums, with their "tenor" voice, unite the sharp tone of the snare drums with the deep bass drum tone, and add much to the musical quality of the modern Drum Corps. Then, too, the picturesque manner of Tenor Drum playing with its graceful stick twirling and figurations give added "flash" and color to the corps both on parade and in concert formation. Tenor Drums are played with felt or lamb's wool beaters and are used in a full rank of four in front of the snare drums.



No. 259

Adult Models

Ludwig Tenor Drums, made in both separate and single tension models, combine an 18" head surface with a 12" shell depth and two perfectly matched white calfskin heads to give the characteristic Tenor Drum tone. *Tenor Drums do not have snares.* Shells are laminated Aero-Kraft mahogany construction. Maple counter hoops and double-claw hook rods. Single or separate tension. *Separate tension models only have tension cases and self-aligning rods.* Finest selected Ludwig calfskin heads.

Sticks and Sling Included.

Single Tension

- No. 2855—12"x18", with Mahogany (or choice of lacquer colors, or Blue and Silver Multi-Color) Shell, and Nickel Plated metal parts\$35.00
 Pearl inlaid hoops\$ 1.50 Extra
 For Chromium plated metal parts add\$10.00 Extra
 For Choice of Pearl Shell and Inlaid Counter Hoops add\$12.50 Extra

Separate Tension

(With tension cases and self-aligning rods.)

- No. 2856—12"x18", with Mahogany (or choice of lacquer colors, or Blue and Silver Multi-Color) Shell, and Nickel Plated metal parts\$40.00
 Pearl inlaid hoops\$ 1.50 Extra
 For Chromium plated metal parts add\$10.00 Extra
 For Choice of Pearl Shell and Inlaid Counter Hoops add\$12.50 Extra

Ludwig & Ludwig Scotch Style Bass Drum Aero-Kraft Shell Construction

Easy to carry because they are narrow and light in weight, these are the preferred bass drums for modern Drum Corps use. Used either for straight on-the-beat playing, or for the fancy overhand and around the back playing.

Aero-Kraft Mahogany shell and Maple hoops are standard, or your choice of lacquer colors will be supplied at no extra cost. Made in single or separate tension with double hook clamp rods. *Separate tension models only have tension cases and self-aligning rods.* Quality heads. Available with choice of lacquer colors on shell and hoops or Blue and Silver Multi-Color at no additional cost. Counter hoops inlaid with any Ludwig pearl \$3.00 Extra.

Sticks, Sling and Instructor Included.

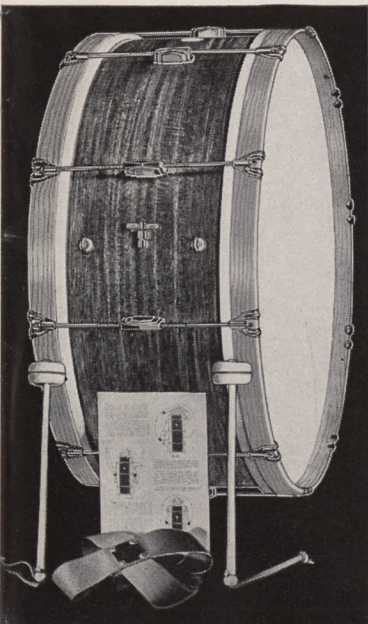
Single Tension

- No. 2863—12"x30" Shell size\$49.00
 No. 2862—10"x30" Shell size 47.00
 No. 2861—10"x28" Shell size 45.00
 No. 2860— 8"x28" Shell size 43.50
 Pearl Shell and inlaid hoops\$25.00 Extra
 Chrome metal parts 10.00 Extra

Separate Tension

(With tension cases and self-aligning rods.)

- No. 863—12"x30" Shell size\$57.00
 No. 862—10"x30" Shell size 55.00
 No. 861—10"x28" Shell size 53.00
 No. 860— 8"x28" Shell size 52.00
 Pearl Shell and inlaid hoops\$25.00 Extra
 Chrome metal parts 12.50 Extra

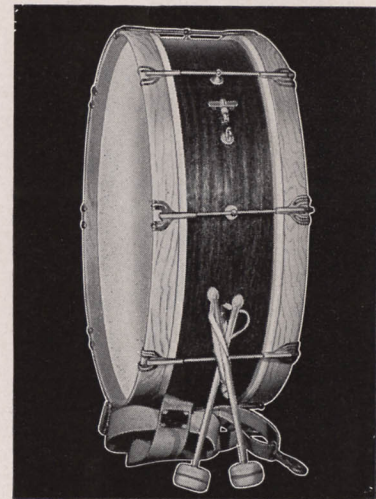


Junior Model

The widespread use of Tenor Drums in adult corps has created a demand for a similar drum in a smaller size for junior corps. Ideally suited for this use is the 10"x15" Junior Tenor Drum which is constructed exactly like the No. 2855 with double claw rods, mahogany shell, maple counter hoops and matched white calfskin heads. Naturally, it has no snares. Matches Nos. 260 and 258 Parade Drums on page 12 and the Scotch Bass Drum on this page—all fine toned, light, easy-to-carry drums for corps whose members' ages are between 12 and 18 years. Made in single tension only.

Sticks and Sling Included.

- No. 259—10"x15", Mahogany Shell, Maple Hoops and Nickel rods\$25.00
 For choice of lacquer colors on shell and hoops\$1.50 Extra
 Pearl inlaid hoops\$1.50 Extra

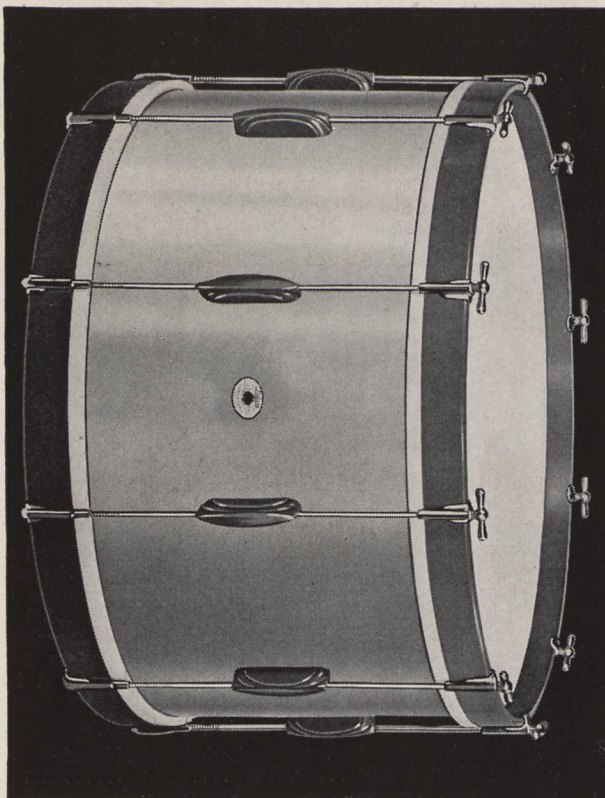


Junior Scotch Bass Drum

An authentic Scotch Style Bass Drum designed especially for junior drum corps work. The narrow shell, smaller size and resulting light weight make it an easy drum to handle. No protruding thumbscrews to interfere with difficult maneuvers. Made with genuine mahogany shell, maple counter hoops and nickel plated rods with double claw hooks. Fine matched calfskin heads. Equipped with heavy ring for fastening drum to sling. Single tension only.

Complete with Sticks and Sling.

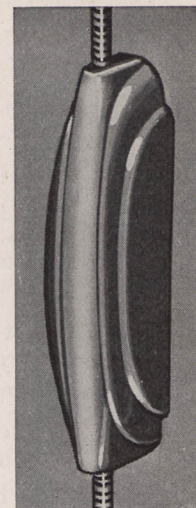
- No. 773—Size 8"x24". Mahogany Shell, Maple Counter Hoops and Nickel plated Rods. (8 to 12 years)\$32.25
 No. 775—Size 8"x26". Mahogany Shell, Maple Counter Hoops and Nickel plated Rods. (12 to 16 years) 33.75
 No. 777—Size 8"x28". Mahogany Shell, Maple Counter Hoops and Nickel plated Rods. (16 years or older) 38.25
 Lacquer colors on shell and hoops\$1.50 Extra
 Pearl inlaid hoops\$3.00 Extra



Ludwig & Ludwig Introduces New PLASTIC Tension Cases

ON BASS DRUM, SNARE DRUM, AND TWO SIZES OF
TOM TOMS • CHOICE OF SHELL FINISH AND CASING
COLORS . . . COMPLETE OUTFIT SHOWN, PAGE 19 . . .

Now Ludwig & Ludwig introduces a new, modern, and colorful appointment for snare drum, bass drum, and tom tom . . . PLASTIC tension casings in color! New, graceful lines and colorful plastic composition make these new tension casings distinctive and beautiful. Illustration at the right serves to show the design, but the beauty and eye-appealing reality, can be appreciated only on sight. Now, for the first time, Ludwig & Ludwig shows a 14x26" Bass Drum, a 6½x14" Snare Drum, and two sizes of Tom Toms (7x11" and 9x13") with genuine PLASTIC tension cases . . . the modern material of a thousand uses. Step into your nearest Ludwig & Ludwig Dealer's Store today and see these instruments of beauty on display. Furnished in beautiful combination effects of BLUE and GRAY, TAN and BROWN, or BLACK and GOLD MULTI-COLOR.



14" x 26" Bass Drum

Illustrated above, the Ludwig & Ludwig Bass Drum with genuine PLASTIC tension casings is handsome and sturdy as it is constructed of laminated ply-wood and finished in choice of Bi-Tone colors as listed. Single tension rods, nickel plated. Heads are selected quality for good tone and lasting ability.

No. 120—Ludwig & Ludwig Bass Drum, with PLASTIC Casings, choice of Bi-Tone Colors as listed: Blue and Gray, Tan and Brown, or Black and Gold Multi-Color. Metal parts nickel plated . . . \$38.00



6½" x 14" Snare Drum

A new Ludwig & Ludwig Snare Drum with genuine PLASTIC tension casings and separate tension rods. A really fine snare drum with selected quality heads and instant throw-on and throw-off snare strainer. Metal counter hoops and other metal parts heavily nickel plated. Furnished in a choice of Bi-Tone colors as listed.

No. 19—Ludwig & Ludwig Snare Drum with PLASTIC tension casings, separate tension rods, and choice of Bi-Tone colors as listed: BLUE and GRAY, TAN and BROWN, BLACK and GOLD MULTI-COLOR . . . \$28.50

Two New Tom Toms

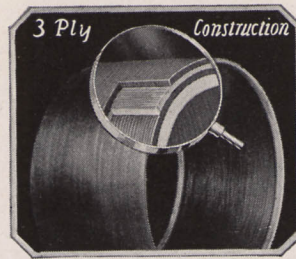
Furnished in two models, 7x11" and 9x13", both Tom Toms have the new PLASTIC casings. Single tension rods, nickel plated. Selected Calfskin Heads, metal counter hoops. Furnished in choice of Bi-Tone colors as listed.

No. 1043—7x11" Tom Tom with PLASTIC casings, choice of Bi-Tone colors as listed: Blue and Gray, Tan and Brown, or Black and Gold Multi-Color. Metal parts nickel plated. \$15.00

No. 1044—9x13" Tom Tom with PLASTIC casings, choice of Bi-Tone colors as listed: Blue and Gray, Tan and Brown, or Black and Gold Multi-Color. Metal parts nickel plated. \$18.00



Finest Quality Materials and Superior Construction Features Make Ludwig & Ludwig Bass Drums the World's Finest . . .



Ludwig & Ludwig AERO-KRAFT Shell Construction

The strength and rigidity of a bass drum shell determines (to a large degree) the fullness and resonance of the bass drum tone. Ludwig & Ludwig AERO-KRAFT shell construction insures this strength and rigidity and highest quality. Three layers of wood, cross banded to equalize the strain from all sides, makes these shells stronger, truer, and more durable than solid wood shells. AERO-KRAFT shell construction, besides being stronger, prevents splitting and warping, and holds a true round. Solid maple inside hoops forced into shell from each side and securely glued, add extra strength and help maintain rigidity and roundness.

Ludwig & Ludwig Bass Drum Features

1—AERO-KRAFT SHELL CONSTRUCTION

Far superior and stronger than even heavy solid wood construction.

2—ABSOLUTE ROUNDNESS

Ludwig & Ludwig bass drum shells are not only absolutely round to begin with but they maintain their roundness under all weather conditions.

3—MAXIMUM STRENGTH

The strongest bass drum shell ever constructed due to the cross-banding of the alternate layers of wood.

4—SELF-ALIGNING RODS

Assures better, more uniform head tension and better playing qualities.

5—MATCHED SELECTED HEADS

Heads are selected and matched calfskin of the finest quality.

6—DOUBLE CLAW HOOKS

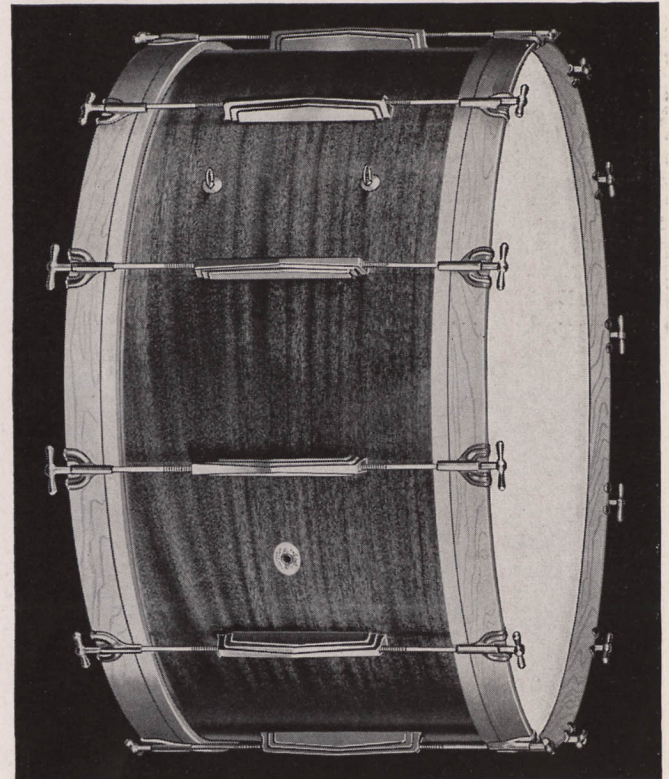
Increases gripping surface over 40%, insuring more even tension.

7—STREAMLINE TENSION CASES

Add beauty and strength to the drum.

8—UNIFORMITY OF APPEARANCE

Designed to match snare drums and tunable tom toms to make an harmonious ensemble.



FOR SPECIAL FINISHES AND FLASH
PEARL DECORATIONS SEE PAGE 4.

MONSTER BASS DRUMS

Ludwig Monster Bass Drums are the big hit of the parade everywhere. Used in connection with your Lodge, Society, High School, University or Legion Post Band, or Drum Corps, they compel attention of the audience. Valuable as a publicity or advertising stunt on many occasions. In many cases the cost of the drum can be paid by renting it to other organizations for special events. These drums are standard with mahogany shells, but may

be had with choice of colors on shell and hoops. Easy to handle and play. Separate tension heads with tympani handle rods mounted on double support lugs. Quality steer hide heads (calfskin are too small). Available in the following sizes. Write for prices.

Code Names and Sizes

Thunderer† .20"x40"	Gigantic† . . .22"x60"
Titan†20"x48"	Leviathan† . .22"x72"

Carriages for Monster Bass Drums

(Sold only with drums)

No. 99†—Two-wheel steel carriage with wire-spoke, solid rubber-tired wheels for drums up to 60" diameter. Complete with strapsPrices on Request

No. 99½†—Four-wheel steel carriage with wire-spoke, solid rubber-tired wheels for drums more than 60" diameter. Complete with strapsPrices on Request

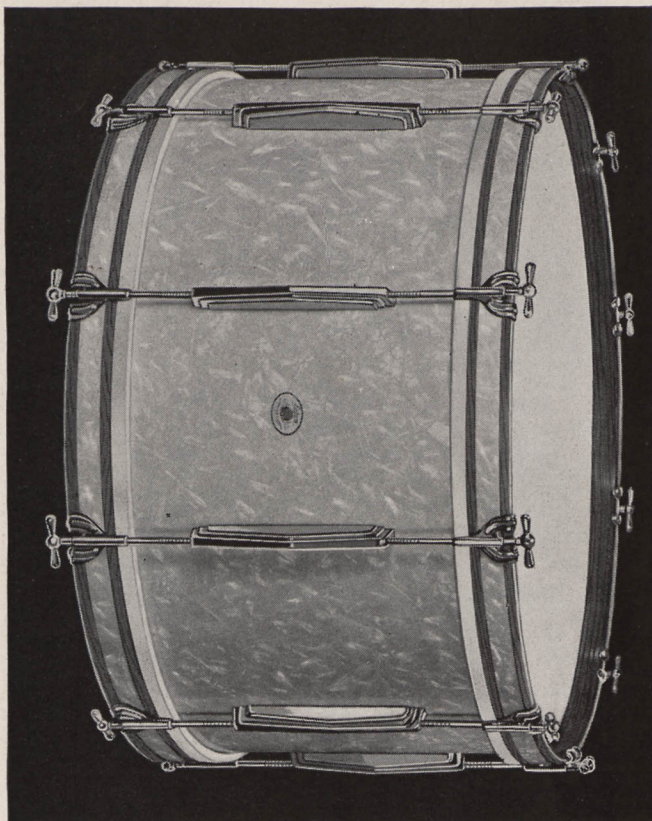


INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE

Ludwig & Ludwig SUPER BASS DRUMS

GENUINE MAHOGANY SHELL • AERO-KRAFT CONSTRUCTION • NEW TENSION CASES • FULL SELF-ALIGNMENT • MATCHED SELECTED HEADS • FULL RESONANT TONE

The Ludwig & Ludwig SUPER Bass Drum is the finest quality drum money will buy! Made with genuine three-ply Aero-Kraft laminated shell construction, insuring uniform round and good tone, strength and light weight. Available in either single or separate tension models with streamlined tension cases. Drums are standard with Mahogany shells in natural finish and natural finish maple hoops; or Black ebonized or White enamel shells and hoops may be had at no extra charge. Separate tension models have self-aligning double-claw hook rods which fit into long streamline tension cases. Fittings are heavily Nickel plated. Heads are matched and selected, finest calfskin. Single tension models have the smaller streamlined tension cases. Ludwig & Ludwig SUPER Bass Drums are the choice of professionals the world over and are in use by leading drummers in nearly every country on the globe.



Illustrating the separate tension Super Bass Drum in white Avalon Pearl finish with Inlaid counter hoops.

Single Tension

With Streamlined Tension Cases

	Nickel	Chromium
No. 123—12" x 26"	\$35.00	\$45.00
No. 124—14" x 26"	38.00	48.00
No. 125—14" x 28"	40.00	50.00
No. 126—14" x 30"	44.00	54.00
No. 127—16" x 30"	45.50	55.50
No. 128—16" x 32"	49.50	59.50
No. 129—16" x 34"	53.50	63.50

Separate Tension

With Streamlined Casings and Self-Aligning Rods

	Nickel	Chromium
No. 103—14" x 26"	\$51.00	\$63.50
No. 105—14" x 28"	52.50	65.00
No. 107—14" x 30"	57.00	69.50
No. 108—16" x 30"	58.50	71.00
No. 112—16" x 32"	62.50	75.00
No. 116—16" x 34"	69.50	82.00
No. 119—16" x 36"	87.50	100.00

For the average concert band of from forty to sixty pieces we recommend the use of the 16" x 32" Separate Tension Bass Drum (shown below) for splendid results. This size bass drum produces a full, solid tone without too much volume and yet has plenty of volume when it is needed. The average concert band will find the 16" x 32" Separate Tension model ideal for all around use. For the smaller band the 14" x 30" size will serve very well while for the very large organizations, especially where out-of-doors playing is done, the 16" x 36" size is suggested.

NOTICE, PLEASE

FOR CHOICE OF LACQUER COLORS ON SHELL AND HOOPS, OR BLUE AND SILVER MULTI-COLOR . . . NO EXTRA CHARGE.

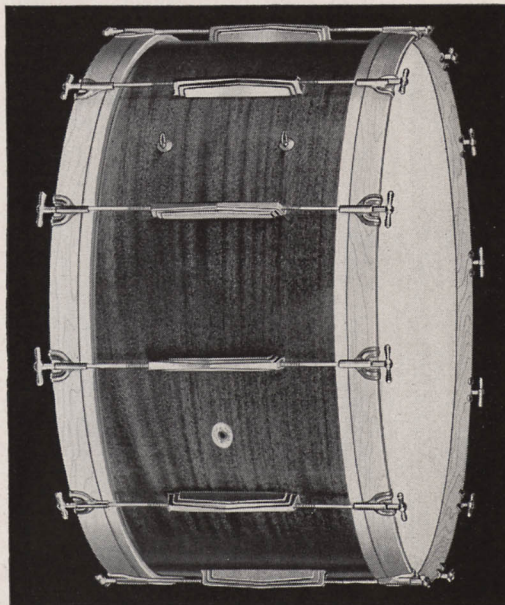
FOR CHOICE OF PEARL OR FLASH ON SHELL AND INLAID PEARL OR FLASH COUNTER HOOPS, UP TO 14" by 30" SIZE.
EXTRA . . . \$25.00 . . . EXTRA

FOR CHOICE OF PEARL OR FLASH INLAID COUNTER HOOPS ONLY
EXTRA . . . \$3.00 . . . EXTRA

SEE SPECIAL PEARL AND FLASH FINISHES AND MULTI-COLOR ON PAGE 4 OF THIS CATALOG.

(Left)

Illustrating the single tension Super Bass Drum Multi-Color finish with Inlaid counter hoops,



Ludwig & Ludwig

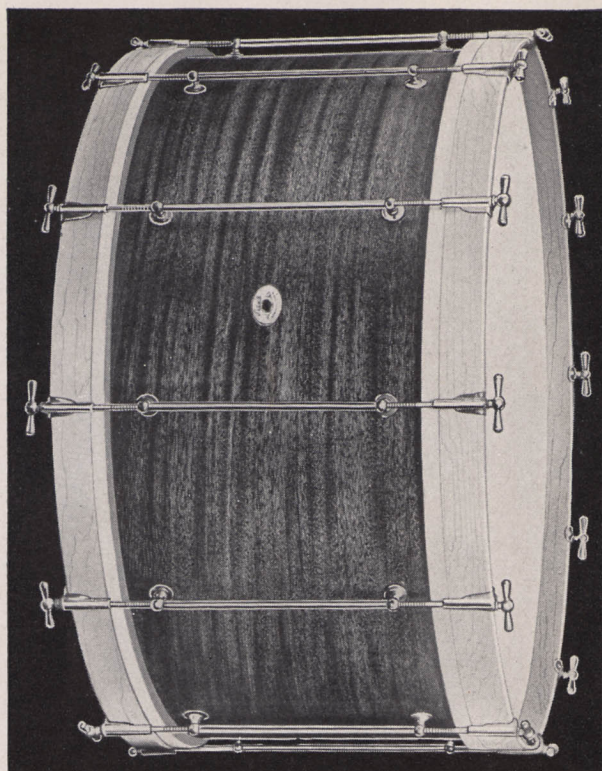
ARTIST BASS DRUMS

GENUINE MAHOGANY SHELL • AERO-KRAFT CONSTRUCTION • SELECTED MAPLE HOOPS
FINE WHITECALF CALFSKIN MATCHED HEADS

A very popular bass drum for professional work because it is adapted to general all around requirements. Shell is made of genuine Aero-Kraft construction Mahogany and the counter hoops are made of selected quality maple. Center support studs and tympani type tensioning handles combine the features of easy tensioning with good, strong rod support. Mahogany shell in natural finish is standard, but Black or White lacquer or Blue and Silver Multi-Color or Black and Gold Multi-Color finish will be supplied at small additional cost, as listed at bottom of page. Heads are genuine matched selected calfskin.

SEPARATE TENSION

No. 160—14"x26" (10 rods)	\$46.00
No. 161—14"x28" (12 rods)	48.00
No. 162—14"x30" (12 rods)	52.00
No. 163—16"x30" (12 rods)	53.00



Illustrating the separate tension Artist Bass Drum in natural Mahogany with natural Maple hoops.

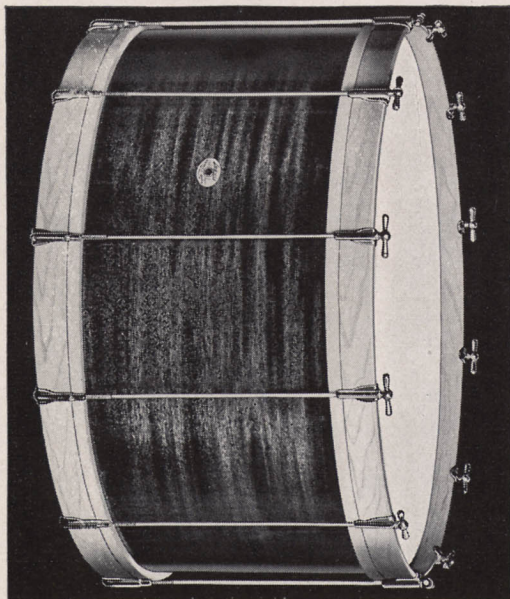
SINGLE TENSION (No Center Supports)

No. 180— 8"x22" (8 rods)	\$22.50
No. 181— 8"x24" (8 rods)	23.50
No. 182—12"x24" (8 rods)	27.50
No. 183—12"x26" (10 rods)	30.00
No. 184—14"x26" (10 rods)	33.00
No. 185—14"x28" (12 rods)	34.50

SINGLE TENSION (With Center Supports)

No. 169—12"x24" (8 rods)	29.00
No. 170—12"x26" (10 rods)	31.50
No. 171—14"x26" (10 rods)	34.50
No. 172—14"x28" (12 rods)	36.00
No. 173—14"x30" (12 rods)	40.00
No. 174—16"x30" (12 rods)	41.00

Illustrating the single tension (no center support) Artist Bass Drum in natural Mahogany and Maple.



NOTICE, PLEASE

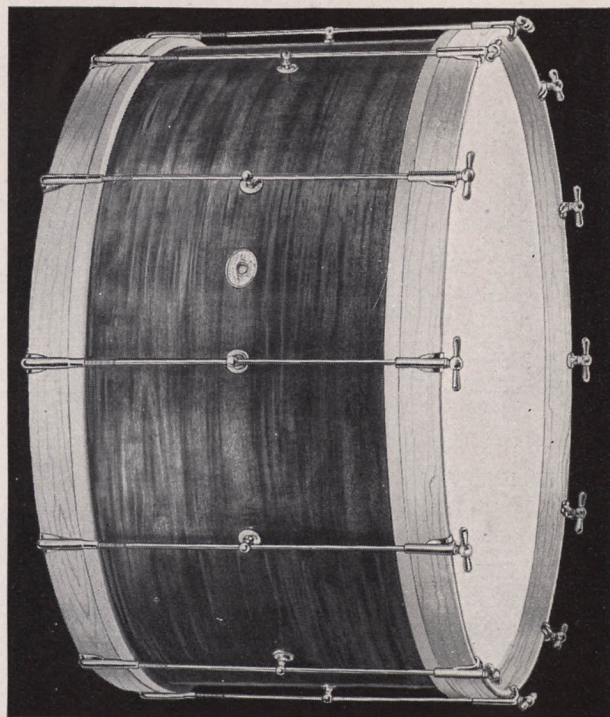
EXTRA CHARGES FOR SPECIAL FINISH

•
FOR WHITE OR BLACK LACQUER OR BLUE AND SILVER MULTI-COLOR ON SHELLS AND HOOPS
EXTRA...\$2.00...EXTRA

•
FOR ANY OTHER MULTI-COLOR COMBINATION FINISH
EXTRA...\$2.50...EXTRA

•
Artist Bass Drums Not Supplied in Pearl or Chromium Finishes.

Illustrating the single tension Artist Bass Drum in natural Mahogany with natural Maple hoops.





LUDWIG
&
LUDWIG
"TOP HAT"



SWING
SENSATION
OUTFIT

Now Ludwig & Ludwig introduces another big FIRST to add to their list of important merchandise improvements and developments, and it promises to be a big favorite with progressive drummers who want the latest and finest in drum finishes. Aristocratic in its general styling, the beautiful White Avalon Pearl which covers the Bass Drum, Snare Drum, and Tom Tom Shells is further enhanced in appearance with the addition of the attractive "Top Hat" design (shown above, at right of illustration), which is actually a part of the pearl itself and not "pasted on" or painted on the outside. You'll be amazed at the striking beauty and attraction which this new, modern creation in drum pearl provides. This outfit is truly the "Tops" in appearance, selection of equipment, and all-around general usefulness on the job. Don't buy any outfit until you see this one! All metal parts and accessories are nickel plated and the outfit is supplied in a choice of several finishes, prices of which are listed below.

Complete Outfit Consists Of:

1	28PVX 6½x14" Metal Hoop Snare Drum, White Avalon Pearl "Top Hat" Design on shell	\$ 48.50
1	336 Drum Stand	6.50
1	103PVX 14x26" Separate Tension Bass Drum, White Avalon Pearl "Top Hat" design on shell	82.00
1	307 Pedal	10.00
1 pr.	313 Giant Drum Spurs	1.50
1	1037PVX 7x11" Separate Tension Tom Tom, White Avalon Pearl "Top Hat" design on shell	31.00
1	1038PVX 9x13" Separate Tension Tom Tom, White Avalon Pearl "Top Hat" design on shell	34.50
1	1040PVX 14x16" Separate Tension Tom Tom, White Avalon Pearl "Top Hat" design on shell	48.00
1	983 Tom Tom Stand	4.00
1	1120 Universal Trap Rack for 26" Bass Drum	7.50
2	1104 Tom Tom Holders@ \$3.50.....	7.00
2	1125 Heavy Cymbal Holders@ \$1.50.....	3.00
1	1110 Improved Combination Holder	1.75
1	462 Wood Block	1.00
1	564 B-24 Cow Bell	1.00
1	565 B-25 Cow Bell .....	.90
1	474 Bass Drum Cymbal Holder	1.75
1	991 Floor Stand Cymbal Holder	4.50
1	943 Hi-Sock Pedal	10.00
1	431 10" Zenjian Cymbal	7.50
1	429 10" Brass Cymbal	1.15
1	466 12" Zenjian Cymbal	9.50
1	437 13" Zenjian Cymbal	12.00
1	438 14" Zenjian Cymbal	14.50
1	460 15" Chinese Cymbal	5.50
1 pr.	986 Greeko Cymbals	2.25
1	666 Bass Drum Muffler pressure adjustment	2.25
1 pr.	604 Rubber Handle Wire Brushes	1.00
1 pr.	660 8-0 Swing Star Hickory Sticks .....	.45

No. 1157PVX—SWING SENSATION Drum Outfit, all shells White Avalon Pearl with "Top Hat" design in black, all metal parts heavily nickel plated, complete **\$342.00**

No. 1145PV—Same as above, but with Plain Pearl Shells, separate tension snare drum, bass drum, and tom toms, complete **325.00**

No. 1146PV—SWING SENSATION Outfit, with single tension bass drum and tom toms, separate tension snare drum, Plain Pearl shells, complete **290.00**

No. 1157—SWING SENSATION Outfit, with separate tension snare drum, single tension bass drum and tom toms, choice of lacquer finish, inlaid hoops on bass drum **245.00**

TOTAL VALUE.....\$360.50

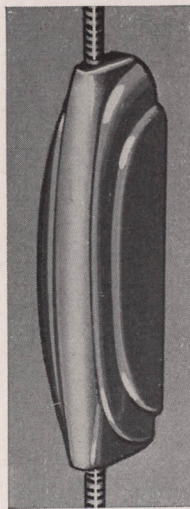
PLASTIC TENSION CASINGS



MODERN COLORFUL BEAUTIFUL

New Ludwig & Ludwig "Moderne-Bi-Tone" Outfit

The modern, colorful beauty of genuine PLASTIC is now available on Ludwig & Ludwig Bass Drum, Tom Tom, and Snare Drum for enhanced appearance of the tension casings. New graceful lines and colorful composition Plastic give these casings the qualities of distinction which makes this outfit desirable for the modern drummer. Illustration at right shows a close-up detail of the design, but to really appreciate the effectiveness of this new drum appointment you must see it. Low in price, but high in quality and appearance, this outfit will fill a need for economical but attractive "dress" in any band. Individual Snare Drum, Bass Drum, and Tom Tom illustrated and described on page 14. Outfit as illustrated above furnished in choice of BI-TONE colors as listed. All metal parts and accessories heavily nickel plated.



Complete Outfit Consists of:

1	No. 19 6½x14" Snare Drum, Metal Hoops, Plastic Casings, Separate Tension, Lacquer Shell	\$ 28.50
1	No. 334—Snare Drum Stand	3.50
1	No. 120 14x26" Bass Drum, Plastic Casings, Lacquer Shell, Pearl Inlaid Hoops	41.00
1	No. 317 Comet Pedal	7.50
1 pr.	No. 313 Long Spike Spurs	1.50
1	No. 1043 7x11" Tunable Tom Tom, Plastic Casings, Lacquer Shell	15.00
1	No. 1044 9x13" Tunable Tom Tom, Plastic Casings, Lacquer Shell	18.00
2	No. 977 Tom Tom Holders @ \$1.75	3.50
1	No. 943 Hi-Sock Pedal	10.00
1	No. 429 10" Brass Cymbal for Hi-Sock Pedal	1.15
1	No. 926 10" Turkish Type Stanople Cymbal for Hi-Sock Pedal	4.50
2	No. 451 High Rod, 18" Cymbal Holders @ \$1.50	3.00
1	No. 927 11" Turkish Type Cymbal	5.00
1	No. 928 12" Turkish Type Cymbal	5.75
1	No. 667 Bass Drum Muffler	1.75
1	No. 462 Wood Block	1.00
1	No. 564 B-24 Cow Bell	1.00
1	No. 565 B-25 Cow Bell .....	.90
1	No. 453 Cow Bell and Wood Block Holder	1.50
1 pr.	No. 630 Wire Brushes .....	.60
1 pr.	No. 584 3-A Hickory Sticks .....	.45

No. 1148—New Ludwig & Ludwig MODERNE-BI-TONE Drum Outfit, as illustrated and described, in choice of Bi-Tone color effects as follows: BLUE AND GRAY, TAN AND BROWN, or BLACK AND GOLD MULTI-COLOR. Please specify color effect wanted when ordering. Complete

\$147.50

TOTAL VALUE.....\$155.10

Page 19

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE

Ludwig & Ludwig "Professional" Drum Outfit

Complete Outfit Consists Of:

1	No. 28PV 6½x14" Standard White Avalon Pearl and Nickel Snare Drum	\$ 45.50
1	No. 331 Snare Drum Stand	5.00
1	No. 125PV 14x28" Super Model White Avalon Pearl and Nickel Bass Drum	65.00
1	No. 307 Pedal	10.00
1 Pr.	No. 313 Spurs	1.50
1	No. 1026PV 7x11" Single Tension, White Avalon Pearl and Nickel Tom Tom	20.50
1	No. 1027PV 9x13" Single Tension, White Avalon Pearl and Nickel Tom Tom	23.50
1	No. 1121 Universal Trap Rack	7.50
2	No. 1104 Tom Tom Holders @ \$3.50	7.00
1	No. 1110 Cow Bell and Wood Block Holder	1.75
1	No. 462 Wood Block	1.00
1	No. 565 B-25 Cow Bell	.90
1	No. 564 B-24 Cow Bell	1.00
2	No. 1125 Cymbal Holders @ \$1.50	3.00
1	No. 927—11" Turkish Type Stanople Cymbal	5.00
1	No. 928—12" Turkish Type Stanople Cymbal	5.75
1	No. 667 Bass Drum Muffler	1.75
1 Pr.	No. 630 Jazz Sticks	.60
1 Pr.	No. 660 8-0 Swing Star Hickory Sticks	.45

TOTAL VALUE.....\$206.70

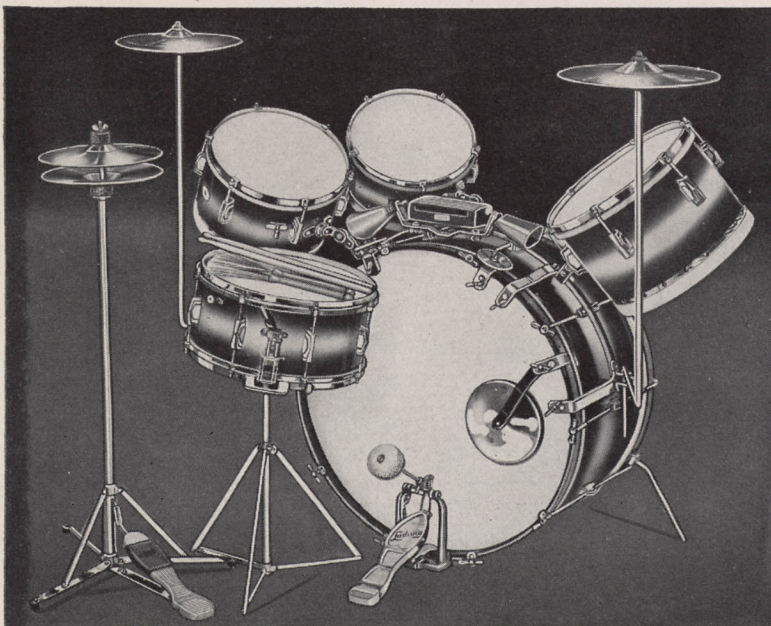
- | | |
|---|----------|
| No. 1171PV PROFESSIONAL OUTFIT, as illustrated and described with Nickel plated Parts and Accessories | } \$196 |
| No. 1171PBV Same Outfit, but with Black Avalon Pearl in place of White Avalon Pearl... | |
| No. 1171D Same Outfit, but with White Lacquer finish on Drums and Tom Toms | \$156.00 |
| No. 1171B—Same Outfit, but with Black Lacquer finish on Drums and Tom Toms | 156.00 |
| No. 1171BLS Same Outfit, but with Blue and Silver Multi-Color on Drums and Tom Toms; Silver Flash Inlaid Counter Hoops on Bass Drum | } \$159 |
| No. 1171BLG Same Outfit, but with Black and Gold Multi-Color on Drums and Tom Toms; Gold Flash Inlaid Counter Hoops on Bass Drum | |



Illustrated above is the new Ludwig & Ludwig PROFESSIONAL Drum Outfit in the beautiful White Avalon Pearl finish. Black Avalon Pearl is optional at the same price and other finishes to suit your taste and pocketbook. All metal parts and accessories are heavily nickel plated. A moderately priced, high quality outfit which you will be proud to own.

Ludwig & Ludwig "Streamliner" Drum Outfit

A beautiful new Ludwig & Ludwig Drum Outfit which gives you all the flash and beauty of more expensive outfits, but at moderate cost. All metal parts and accessories are heavily nickel plated. Furnished in a choice of two beautiful Multi-Color finishes at the same price. Complete outfit illustrated below.



Complete Outfit Consists Of:

1	No. 28BLG 6½x14" Black and Gold Multi-Color Snare Drum	\$ 38.00
1	No. 334 Snare Drum Stand	3.50
1	No. 124BLG 14x26" Black and Gold Multi-Color Bass Drum with Inlaid Counter Hoops	41.00
1	No. 307 Pedal	10.00
1 Pr.	No. 313 Spurs	1.50
1	No. 1026BLG 7x11" Black and Gold Multi-Color Tom Tom	15.00
1	No. 1025BLG 8x12" Black and Gold Multi-Color Tom Tom	16.50
1	No. 1027BLG 9x13" Black and Gold Multi-Color Tom Tom	18.00
2	No. 1104 Rail Tom Tom Holders @ \$3.50	7.00
1	No. 976 Bass Drum Hoop Tom Tom Holder	3.50
1	No. 1120 Universal Trap Rail	7.50
2	No. 1125 Rail Cymbal Holders @ \$1.50	3.00
1	No. 927—11" Stanople Cymbal	5.00
1	No. 928—12" Stanople Cymbal	5.75
1	No. 943 Hi-Hat Sock Pedal	10.00
1	No. 926—10" Stanople Cymbal	4.50
1	No. 429—10" Brass Cymbal	1.15
1	No. 1110 Cow Bell and Wood Block Holder	1.75
1	No. 462 Wood Block	1.00
1	No. 564 B-24 Cow Bell	1.00
1	No. 565 B-25 Cow Bell	.90
1 Pr.	No. 986 Creeko Cymbals and Holders	2.25
1	No. 667 Bass Drum Muffler	1.75
1 Pr.	No. 604 Rubber Handle Wire Brushes	1.00
1 Pr.	No. 660 8-0 Swing Star Sticks	.45

TOTAL VALUE.....\$201.00

- | | |
|--|---------|
| No. 1149BLG STREAMLINER OUTFIT, as illustrated and described, Black and Gold Multi-Color | } \$191 |
| No. 1149BLS STREAMLINER OUTFIT, same as above only Blue and Silver Multi-Color | |

Ludwig & Ludwig "SWING SESSION" Outfit

A brand new outfit in a beautiful Multi-Color finish. You'll be proud to own and play this outfit which is complete in every detail. Metal parts and accessories heavily nickel plated.

Complete outfit Consists of:

1	No. 28BLG 6 1/2x14" Black and Gold Multi-Color Snare Drum	\$ 38.00
1	No. 334 Snare Drum Stand	3.50
1	No. 124BLG 14x26" Super Bass Drum, Black and Gold Multi-Color Shell, Gold Flash Pearl Inlaid Hoops	41.00
1	No. 307 Speed Pedal	10.00
1 Pr.	No. 313 Giant Bass Drum Spurs	1.50
1	No. 102SBLG 8x12" Single Tension, Tunable Tom Tom, Metal Hoops, Calf Heads, Black and Gold Multi-Color Finish	16.50
1	No. 1028BLG 12x14" Single Tension, Tunable Tom Tom, Metal Hoops, Calf Heads, Black and Gold Multi-Color Finish	22.50
2	No. 976 Tom Tom Holders @ \$3.50	7.00
1	No. 943 Hi-Sock Pedal	10.00
1	No. 429—10" Brass Cymbal for Hi-Sock	1.15
1	No. 926—10" Stanople Cymbal for Hi-Sock	4.50
1	No. 667 Bass Drum Muffler	1.75
2	No. 451 Cymbal Holders @ \$1.50	3.00
1	No. 927—11" Stanople Cymbal	5.00
1	No. 928—12" Stanople Cymbal	5.75
1	No. 453 Combination Wood Block and Cow Bell Holder	1.50
1	No. 462 Wood Block	1.00
1	No. 564 B-24 Cow Bell	1.00
1	No. 565 B-25 Cow Bell	.90
1 Pr.	No. 604 Rubber Handle Wire Brushes	1.00
1 Pr.	No. 660 Swing Star Hickory Sticks	.45

TOTAL VALUE.....\$177.00

No. 1182BLG Ludwig & Ludwig Swing Session Outfit, as illustrated and described, complete.....

\$168.50

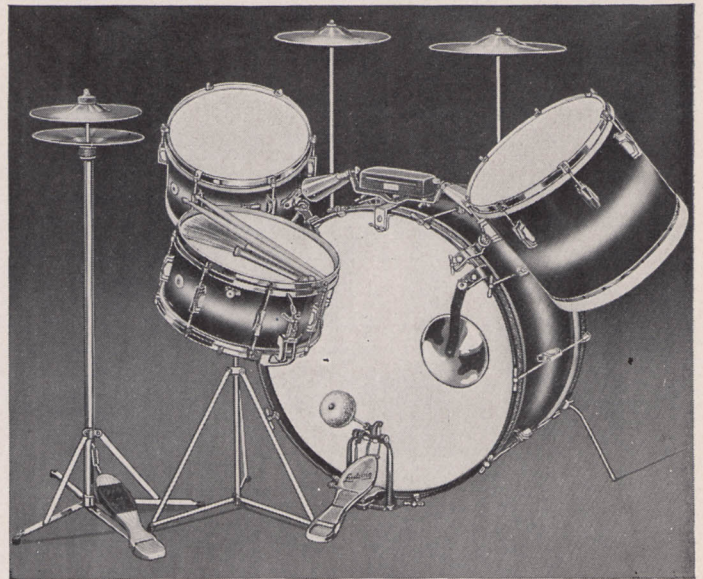
No. 1182BLS Same Outfit, but in Blue and Silver Multi-Color.....

Either Outfit, with 7x14" or 8x14" Standard Swing Drum.....

EXTRA 2.00

Either Outfit, with 14x28" Super Bass Drum.....

EXTRA 2.00



Ludwig & Ludwig "MANHATTAN" Outfit

Illustrated at the left, this new outfit is a big value at a low price. Metal parts and accessories heavily nickel plated.

Complete Outfit Consists of:

1	No. 28BLG 6 1/2x14" Black and Gold Multi-Color Snare Drum	\$ 38.00
1	No. 334 Snare Drum Stand	3.50
1	No. 124BLG 14x26" Bass Drum, Black and Gold Multi-Color, with Gold Flash Inlaid Hoops	41.00
1	No. 317 Comet Pedal	7.50
1 Pr.	No. 313 Spurs	1.50
1	No. 1027BLG 9x13" Tom Tom, Black and Gold Multi-Color	18.00
1	No. 976 Tom Tom Holder	3.50
1	No. 645 Cow Bell Holder	1.00
1	No. 565 B-25 Cow Bell	.90
1 Pr.	No. 986 Greeko Cymbals and Holders	2.25
2	No. 451 Cymbal Holders @ \$1.50	3.00
1	No. 926—10" Stanople Cymbal	4.50
1	No. 927—11" Stanople Cymbal	5.00
1	No. 667 Bass Drum Muffler	1.75
1 Pr.	No. 630 Wire Brushes	.60
1 Pr.	No. 660 8-0 Swing Star Hickory Sticks	.45

TOTAL VALUE.....\$132.45

No. 1183BLG MANHATTAN Multi-Color Outfit, as illustrated and described, complete.....

No. 1183BLS MANHATTAN Multi-Color Outfit, in Blue and Silver Multi-Color, complete.....

\$129.50



Ludwig & Ludwig "CHIEF" Outfit

Features Multi-Color finish and Single Head Tom Toms. All metal parts and accessories heavily nickel plated. Low-price and High-quality!

Complete Outfit Consists of:

1	No. 32BLGX 6 1/2x14" Universal Snare Drum, Multi-Color Black and Gold, Snappi-Snares	\$ 21.75
1	No. 330 Snare Drum Stand	2.50
1	No. 171BLG 14x26" Black and Gold Multi-Color Bass Drum, with Gold Flash Inlaid Hoops	39.50
1	No. 318 Racer Pedal	5.00
1 Pr.	No. 328 Spurs	.60
1	No. 1041 7x10" Single Head, Single Tension Tunable Tom Tom, Black and Gold Multi-Color, Metal Hoops, Calf Head	13.00
1	No. 1042 9x13" Single Head, Single Tension Tunable Tom Tom, Black and Gold Multi-Color, Metal Hoops, Calf Head	14.50
2	No. 977 Tom Tom Holders for above @ \$1.75	3.50
1	No. 468 Wood Block Holder	.75
1	No. 462 Wood Block	1.00
1	No. 473 Upright and No. 566 Cow Bell Clamp	.90
1	No. 565 B-25 Cow Bell	.90
1	No. 470 Cymbal Holder	1.50
1	No. 927—11" Stanople Cymbal	5.00
1	No. 667 Bass Drum Muffler	1.75
1 Pr.	No. 630 Wire Brushes	.60
1 Pr.	No. 660 8-0 Swing Star Hickory Sticks	.45
1	Instruction Book	

TOTAL VALUE.....\$113.20

No. 1153BLG CHIEF Outfit, as illustrated and described, complete.....

\$108.50

No. 1153BLS CHIEF, Outfit, with Blue and Silver Multi-Color.....



New Multi-Color Marvel Drum Outfit

Everything its name implies—a marvel in quality, completeness, beauty and price. Available in beautiful Multi-Color or plain Jet Black or White Lacquer. Metal parts and accessories heavily nickel plated.

Complete Outfit Consists of:

1	No. 32BLGX 6½x14" Black and Gold Multi-Color Snare Drum, with Genuine Ludwig & Ludwig Snappi-Snares	\$21.75
1	No. 330 Snare Drum Stand	2.50
1	No. 170BLG 12x26" Black and Gold Multi-Color Bass Drum, with In-laid Hoops	35.50
1	No. 318 Pedal	5.00
1 pr.	No. 328 Spurs	.60
1	No. 1041BLG 7x10" Black and Gold Multi-Color, Single Head, Single Tension Tom Tom	13.00
1	No. 977 Tom Tom Holder	1.75
1	No. 462 Wood Block	1.00
1	No. 468 Wood Block Holder	.75
1	No. 470 Cymbal Holder	1.50
1	No. 927 11" Stanople Cymbal	5.00
1	No. 667 Bass Drum Muffler	1.75
1 pr.	No. 630 Jazz Sticks	.60
1 pr.	No. 660 8-0 Swing Star Sticks	.45
1	Instruction Book	

TOTAL VALUE.....\$92.65

No. 1184BLG—New Multi-Color Marvel Outfit, as illustrated and described, complete**\$88.50**

No. 1184BLS—Same outfit, but with Blue and Silver Multi-Color\$88.50
OFF-SET IN PLAIN BLACK OR WHITE LACQUER\$85.50



Ludwig & Ludwig Universal Drum Outfit

An excellent outfit, smaller than a professional outfit, with everything that is needed for home or school playing, or small playing jobs. Metal fittings and accessories heavily nickel plated.

Complete Outfit Consists of:

1	No. 12 5x14" Metal Universal Snare Drum	\$19.50
1	No. 330 Snare Drum Stand	2.50
1	No. 169 12x24" Artist Model Bass Drum	29.00
1	No. 316 Pedal	5.00
1 pr.	No. 328 Spurs	.60
1	No. 470 Cymbal Holder	1.50
1	No. 927 11" Turkish Type Stanople Cymbal	5.00
1	No. 453 Cow Bell and Wood Block Holder	1.50
1	No. 462 Wood Block	1.00
1	No. 564 B-24 Cow Bell	1.00
1	No. 565 B-25 Cow Bell	.90
1 pr.	No. 3-A Hickory Sticks	.45
1	Instruction Book	

TOTAL VALUE.....\$67.95

No. 1174#—Ludwig Universal Drum Outfit, as illustrated and described, with nickel plated fittings and accessories**\$66.50**

Ludwig & Ludwig Junior Drum Outfit

A fine, substantial and practical outfit for the young drum enthusiast from seven to twelve years of age. Will give any child an excellent start in his musical education.

Complete Outfit Consists of:

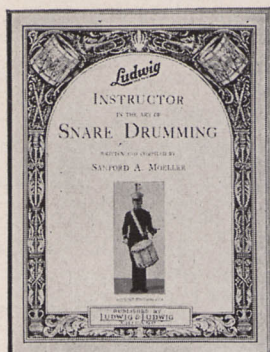
1	No. 4315 3½x12" Juvenile Snare Drum, Maple Shell and Maple Counter Hoops	\$ 7.00
1	No. 330 Snare Drum Stand	2.50
1	No. 4024 8x22" Universal Bass Drum, Maple Shell and Maple Counter Hoops	24.00
1	No. 316 Pedal	5.00
1 pr.	No. 328 Spurs	.60
1	No. 418 Juvenile Cymbal Holder	.75
1	No. 417 Cymbal Suspender	.25
1	No. 409 10" Chinese Crash Cymbal	2.75
1	No. 956 Two-Tone Wood Block and Two-Tone Wood Block Holder	2.50
1 pr.	No. 585 1-A Hickory Drum Sticks	.45
1	Instruction Book	

TOTAL VALUE.....\$45.80

No. 1167#—Ludwig Junior Drum Outfit, as illustrated and described, with nickel plated fittings and accessories**\$43.50**



Ludwig & Ludwig Library of Instruction Books



No. 697

The Moeller Book

This is undoubtedly the most thorough treatise ever written on the snare drum, and the instruction is concise in every detail. This text also contains the only explanation, to our knowledge, of the *up stroke* and where, when and why it is used. Not only are the various beats explained, but their uses are made clear to the reader. Regardless of your ability, this instructor will prove a helpful study. New, revised edition.

90 pages.

No. 697—The Moeller Book ..\$2.00



Mallet Instrument Method

The perfect instruction book for beginners of xylophone or marimba. Written by Haskell W. Harr, world renowned percussion and mallet instrument artist and teacher. Covers every phase of xylophone and marimba instruction from the very beginning. Profusely illustrated. Contains special exercises and music to develop technique and speed.

No. 683—Haskell W. Harr Marimba and Xylophone Method50c



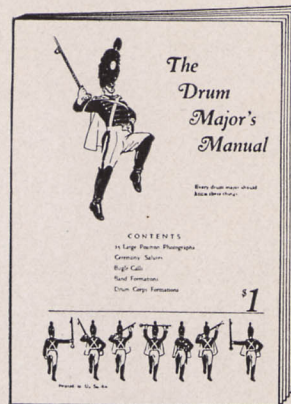
No. 687

Ludwig Tympani Instructor

The Ludwig Tympani Instructor covers instruction for all types of Tympani. It is widely used both as a self-instructor and as a teacher's text.

The elementary instruction was written by Otto Kristufek of St. Louis Symphony, Chicago Theatre, Chicago Civic Opera, and 1933 Chicago World's Fair Band fame. The advanced instruction was written by the late Joseph Zettelman of the Chicago Symphony Orchestra.

No. 687—72 pages\$2.00



No. 695

The Drum Major's Manual

Used as a standard instructor and guide by the U. S. Army School of Music, Drum Corps, Bands, etc., and explains the language of the Baton; Positions, Honors, Salutes; and Regimental Formations for Ceremonies, Parades, Field Music, Mass Bands, Army Band, Military Band and Field Music, and Drum Corps Formations, information vital to the Drum Major, and necessary to Corps men.

No. 695—64 pages\$1.00

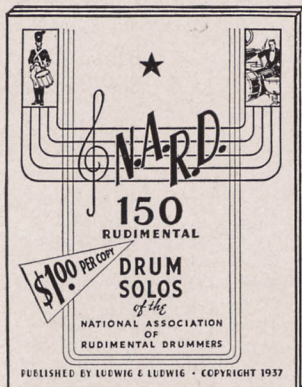


No. 694

Blue and Gold Music Folio

A book of 13 fine drum corps music numbers scored for *all* drum corps instruments. Contains marches and overtures arranged for both "G" and modern "G-D" piston bugles.

No. 694—96 pages\$1.00



150 N.A.R.D. Drum Solos

A compilation of 150 drum solos contributed by the master drummers and teachers of the National Association of Rudimental Drummers. They are all rudimental in style—some are easy—many are tricky—and some are extremely difficult. Ideal for teachers, students, and professional players as the source book of studies, exercises and solos, 64 pages.

No. 684—150 N.A.R.D. Drum Solos\$1.00

How to Twirl a Baton

Completely new from cover to cover. Written by Roger Lee, national baton twirling champion. Profusely illustrated with diagrams showing positions of all movements. Contains complete explanations of nine rudimental movements, plus many special movements thoroughly explained and diagrammed. Reveals the secrets of real baton twirling and is written and illustrated so that anyone can now master this art with a bit of diligent study and application. The SUPREME baton twirling instructor of today, based on the original baton twirling book first printed and published by Ludwig & Ludwig, Inc., in 1930. Page size, 8½" x 11".

No. 689 How to Twirl a Baton \$1.00

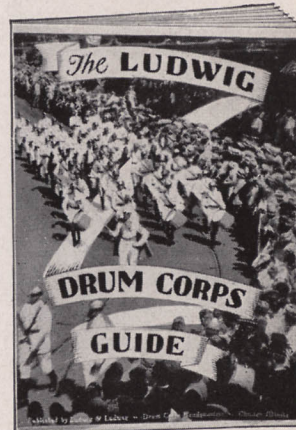


No. 690

Ludwig Drum and Bugle Manual

An elementary Drum and Bugle Corps instructor containing drum and bugle instruction, exercises, melodies, and marches. Music for the "G" and "D" bugles is included. Drills and maneuvers are charted, illustrated, and described. Used as a preliminary to the Ludwig DRUM CORPS GUIDE.

No. 690—64 pages\$1.00



No. 688

Ludwig Drum Corps Guide

An advanced instructor including the following. Organization and maintenance of a drum corps; Parade Positions and Formations; Tenor and Scotch Drum instructions; Convention, Contest, and Stunt Night Tips; Field and Street Drills; Drills and Maneuvers including eight by famous drill masters; Street Drum Beats; 32 pages of drum corps music without "D" bugles, and 10 pages including "D" music. Valuable to every Drum Corps man.

No. 688—84 pages\$1.00

Other Helpful Ludwig Books

No. 686—Ludwig Vibra-Celeste Instructor\$2.50
No. 4401—Ludwig Juvenile Rhythm Band Instructor 1.00
No. 4404—Ludwig Tuned Resonator Bell and Rhythm Band Instructor 1.00

Valuable information on Tuned Resonator Bells, and school rhythm bands is contained in the book "How to Organize Rhythm Bands for Children" which will be sent to teachers or music supervisors FREE upon request.

If you are not receiving The Ludwig Drummer, valuable, newsworthy, instructive magazine published periodically by Ludwig & Ludwig, Inc., send us your name and address and we will be glad to mail you a copy absolutely free as often as it is published.





Ludwig & Ludwig Tunable Tom Toms

Single Tension

Also made in five sizes are the new Ludwig & Ludwig single tension tunable tom toms. All sizes have strong laminated shells, key tension rods and streamline tension cases. Furnished with choice of heavy calfskin or genuine pigskin heads (painted white for enhanced appearance and greater durability), and metal or wood counter hoops. Heavy calfskin heads and metal hoops supplied unless otherwise specified at time of order. Internal tone controls NOT supplied unless specified on order. Single tension models illustrated, right, below, are Black and Gold Multi-Color finish. Prices are listed below for all five sizes.

- No. 1026—7x11" Tom Tom, choice of Lacquer colors \$15.00
7x11" Tom Tom, choice of Pearl or Flash. 20.50
Chromium Plated Metal Parts, EXTRA . . . 3.00
- No. 1025—8x12" Tom Tom, choice of Lacquer colors \$16.50
8x12" Tom Tom, choice of Pearl or Flash . . 22.00
Chromium Plated Metal Parts, EXTRA . . . 3.00
- No. 1027—9x13" Tom Tom, choice of Lacquer colors \$18.00
9x13" Tom Tom, choice of Pearl or Flash . . 23.50
Chromium Plated Metal Parts, EXTRA . . . 3.00
- No. 1028—12x14" Tom Tom, choice of Lacquer colors \$22.50
12x14" Tom Tom, choice of Pearl or Flash. 30.50
Chromium Plated Metal Parts, EXTRA . . . 3.00
- No. 1029—14x16" Tom Tom, choice of Lacquer colors \$30.00
14x16" Tom Tom, choice of Pearl or Flash. 38.50
Chromium Plated Metal Parts, EXTRA . . . 3.00

NOTE: White Lacquer and White Avalon Pearl shells are standard finishes in stock at all times. Other Lacquer colors or Pearl finishes on special order at same price. Please allow extra time for shipment of other than White Lacquer or Pearl.

Tom Tom Stand

Folding and fully adjustable for height and size of Tom Tom. Same as illustrated with Tom Toms on this page.
No. 983—Nickel \$4.00
No. 983K—Chromium . \$6.00

Ludwig & Ludwig Tunable Tom Toms

Separate Tension

Now made in five popular sizes, the new Ludwig & Ludwig separate tension tunable tom toms are more popular than ever. All sizes have strong laminated shells, key tension self-aligning rods, and streamline tension cases. Choice of calfskin or genuine pigskin heads (painted white for enhanced appearance and greater durability), and metal or wood counter hoops. Heavy calfskin heads and metal hoops supplied unless otherwise specified. The new 8"x12" size completes the family and gives you a range of all the popular tones required. Internal tone controls NOT supplied unless specified on order. Separate tension models illustrated at the left, are White Avalon Pearl finish. Prices listed below.

- No. 1037—7x11" Tom Tom, choice of Lacquer colors \$22.50
7x11" Tom Tom, choice of Pearl or Flash 28.00
Chromium Plated Metal Parts, EXTRA 6.00
- No. 1030—8x12" Tom Tom, choice of Lacquer colors \$24.50
8x12" Tom Tom, choice of Pearl or Flash 30.00
Chromium Plated Metal Parts, EXTRA 6.00
- No. 1038—9x13" Tom Tom, choice of Lacquer colors \$26.00
9x13" Tom Tom, choice of Pearl or Flash 31.50
Chromium Plated Metal Parts, EXTRA 6.00
- No. 1039—12x14" Tom Tom, choice of Lacquer colors \$31.00
12x14" Tom Tom, choice of Pearl or Flash 39.00
Chromium Plated Metal Parts, EXTRA 6.00
- No. 1040—14x16" Tom Tom, choice of Lacquer colors \$36.50
14x16" Tom Tom, choice of Pearl or Flash 45.00
Chromium Plated Metal Parts, EXTRA . . 6.00

NOTE: White Lacquer and White Avalon Pearl shells are standard finishes in stock at all times. Other Lacquer colors or Pearl finishes on special order at same prices. Please allow extra time for shipment of other than White Lacquer or Pearl.



Ludwig & Ludwig Single Head Tom Toms

Sensational new Single Head Tom Toms now furnished in two popular sizes, which permit "nesting" for easier carrying! Beautiful in appearance, these new Ludwig & Ludwig single head tom toms are also lighter in weight. Made of finest laminated wood, noted for its strength and durability, and equipped with genuine calfskin heads of selected quality. Metal counter hoops, with key tension rods and new "Air-line" metal casings, combine to make these new tom toms the favorites of drummers everywhere. Professionals who have tried them say the tone quality matches the highest priced tom toms they ever used. Furnished in only two sizes: 7x10" and 9x13", in a choice of finishes as listed below, at the right.

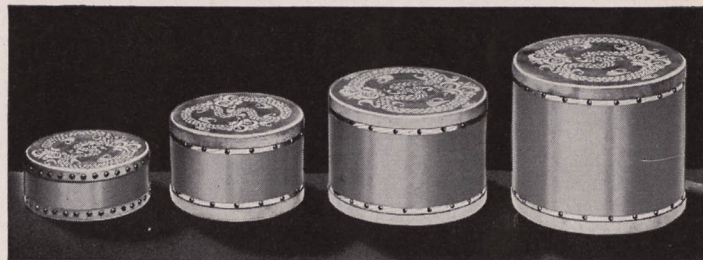


**Easy to
Pack for
Carrying**

**Small Size
Nests in
Large Size**

Especially designed in two sizes which will conveniently nest together, these new tom toms are much simpler to carry than any other type made. Illustration at left shows the two models nested together.

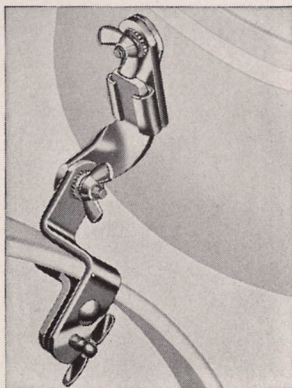
No. 1041—New Single Head Tom Tom, Size 7x10", Black and Gold Multi-Color Finish\$13.00
 No. 1042—New Single Head Tom Tom, Size 9x13", Black and Gold Multi-Color Finish 14.50
CHOICE OF LACQUER COLORS OR MULTI-COLOR FINISHES—NO EXTRA CHARGE.
CHOICE OF PEARL OR FLASH FINISHES\$5.50 EXTRA



New Universal Holder For Tom Toms

The simplest, fully adjustable tom tom holder it is possible to buy at such a low price! Made of strong, durable stamped steel and heavily nickel plated. Clamps solidly to bass drum hoop with improved Ludwig & Ludwig Hold-Tite clamp. Guaranteed not to slip. Recommended for new Single Head Tom Toms, illustrated above as it permits removal of tom tom more quickly and with less effort, and without removing wing nuts.

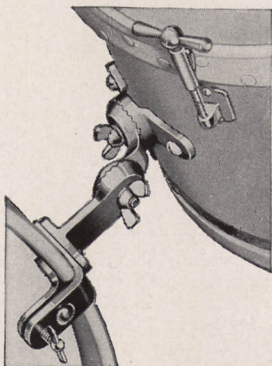
No. 977—New Universal Tom Tom Holder\$1.75



All Angle Tunable Tom Tom Holder

Adjustable to any desired position. A strong and serviceable holder, made of cast steel. Has two ratchets permitting any desired adjustment. Guaranteed not to slip, turn, or shear. Can be used on either right or left side of drum. Clamps solidly to bass drum hoop with improved Ludwig Hold-Tite clamp. Holder is bolted to tom-tom. Withstands the most severe use. Holds any size tunable tom-tom.

No. 976 —Tunable Tom-Tom Holder, Nickel\$3.50
 No. 976K—Same, Chromium plated 5.25



Ludwig & Ludwig Non-Tunable Tom Toms

Ludwig Tom-Toms are made with finest three-ply laminated wood shells (except 4"x10" size, which has solid wood shell) and have genuine heavy pigskin heads, well tacked and securely mounted (4"x10" size with strong tacks; three larger sizes by chrome inlaid strips and tacks). Shell has reinforcement block on inside at spot where holder should be attached. Both heads are decorated with a colorful Chinese dragon design, and lacquered for utmost durability. Shells are durably finished in beautiful red lacquer. Available also in choice of lacquer colors with heads painted white.

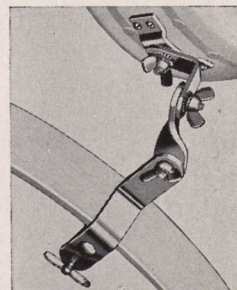
PRICES

No. 405 — 4"x10" size\$ 4.00
 No. 1034— 7"x11" size 10.00
 No. 1035— 9"x13" size 13.00
 No. 1036—12"x14" size 15.00
 Choice of any other lacquer color shell and pigskin heads painted white (no dragon design). Any model EXTRA 1.00
 Choice of any Multi-Color on shell and pigskin heads painted white (no dragon design). Any model EXTRA 2.00

New Non-Tunable Tom-Tom Holder

Holds any model Chinese type Tom-Tom. Has two ratchet adjustments to hold Tom-Tom in any desired position. New countersunk star ratchet (see page 31) is guaranteed not to slip, turn, or shear. Screws to Tom-Tom shell. Strongly made of formed steel. Ludwig Hold-Tite clamp holds securely at any point on bass drum hoop.

No. 975 —Holder for Chinese type Tom-Toms, Nickel\$1.25



Ludwig & Ludwig SUPER-SPEED PEDAL

Beater shaft revolves on self-aligning, oil-packed ball-bearings.

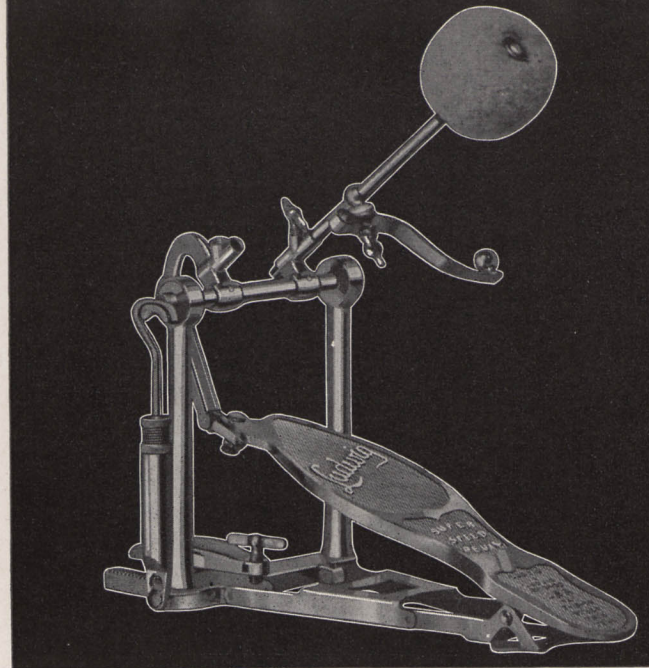
Balanced action foot-board permits easy action without strain and resulting fatigue. Compression spring prevents dirt, dust, and grime from impairing the action.

Rocker bearing spring aids the ease and smoothness of the pedal's action.

Spring tensioning adjustment and lock permits adjustment to suit individual.

Bass Drum Beater Holder adjustable for direct center or off-center bass drum beats.

Entire pedal folds compactly in small space and is quickly set up or knocked down.



The World's Fastest, Easiest Working Pedal

THERE is more speed in this pedal than most drummers will ever need, and the action is a revelation,—perfectly balanced, extremely light, and so easy to work that you can beat away hour after hour without the least bit of strain and the resulting fatigue.

The Super-Speed Pedal is a ball-bearing pedal throughout. The beater shaft revolves on ball-bearings that are packed in absorbed oil and are self-aligning. Friction is reduced to a minimum, and speed without exertion is the resulting feature.

The pedal action is delicately balanced and smooth without detracting from the sturdiness of the pedal. The compression spring,—stronger than any spring of the extension type, is enclosed so dust, dirt, and grime cannot injure the action or slow the speed. The spring can be tensioned

to meet your individual preference, by merely turning a screw, and locked in that adjustment with a lock-nut.

No. 309 —Pedal only in Nickel without Spurs or Cymbal Holder..\$15.00

No. 309K—Same, but in Chromium 20.00

Alternating Model

Same as above, but with Alternating Cymbal Striker which permits throwing cymbal on or off instantly at any point in the travel of the foot-board without losing a beat.

No. 308 —Pedal only in Nickel without Spurs or Cymbal Holder..\$19.00

No. 308K—Same, Chromium plated 25.00

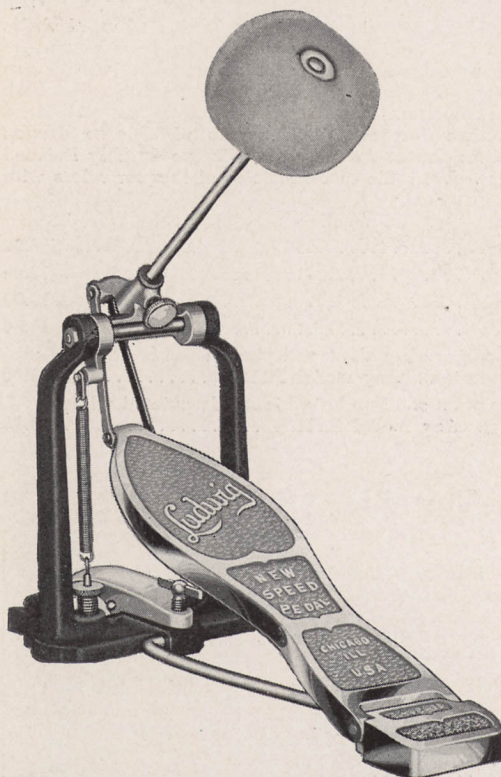
NEW Ludwig & Ludwig SPEED PEDAL

LOW PRICE—HIGH QUALITY • FAST, BALL BEARING ACTION • GREAT STRENGTH • MODERN STYLING

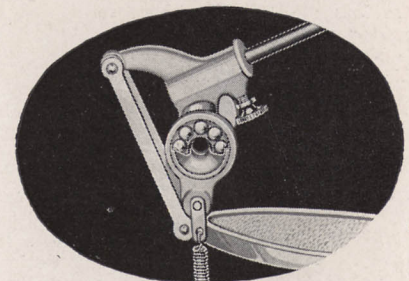
Now, at the price you would naturally expect to pay for an ordinary pedal, you can get a Speed Bearing Pedal that has everything the modern drummer wants—lightning fast speed with a free-flowing, smooth-as-silk action that is almost effortless. No strain, friction, binding, or resistance to wear you down. This pedal is perfectly balanced with an unusually short toe stroke, due to the design of the heel-plate foot board. Great strength and durability are combined with the advantages of light weight and minimum bulk. No delicate adjustments are necessary and no working parts can get out of order. The simple tension spring adjustment will give you the exact "pedal feel" that you like, and the beater rod is likewise adjustable. Note the clean-cut, modern styling of this new pedal, too.

Made with lacquer finish frame, and highly polished aluminum footboard and heel plate. All other parts are of high quality steel, heavily nickel plated.

No. 307—Ludwig & Ludwig Ball Bearing Speed Pedal, complete\$10.00

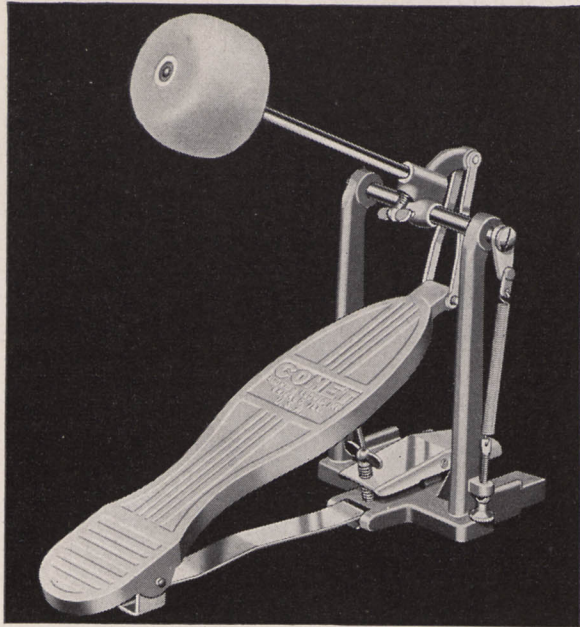


Only
\$10.00



Fast, Ball Bearing Action

Equipped with genuine ball bearings, this new Speed Pedal is naturally faster, smoother, and easier working than any other pedal without ball bearings. There is practically no wear-out to it and the design and construction permits the hardest usage with less care than ordinary pedals require.



Ludwig & Ludwig

NEW "COMET" PEDAL

DOUBLE POST STAND • FOLDS COMPACTLY
 SELF-OILING BEARING FOR FAST, SMOOTH ACTION

A brand new professional pedal which gives smooth, fast, easy action but is priced lower than many inferior pedals. You'll be surprised at the beauty and design, and the sturdiness of construction...matches even the highest priced pedals in construction beauty as the stand and footboard are made from a special metal alloy in a modern, but sturdy design. Footboard is aluminum color and the frame is finished in an attractive dark grey baked wrinkled finish of unusual toughness and durability. All other metal parts are heavily nickel plated. Beater shaft bearing is self-oiling and requires no attention. Large lambs-wool beater ball. Double-post stand frame is stronger and better looking. Spring can be tensioned to suit your requirements by merely turning the adjustment screw.

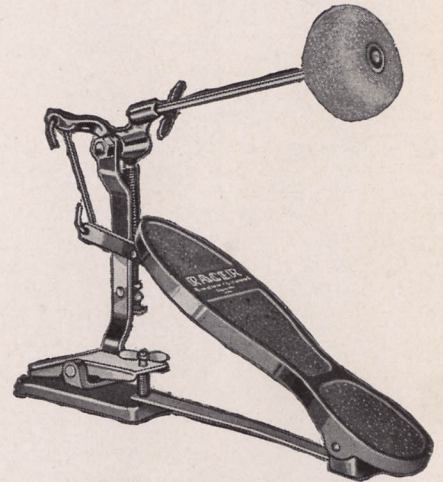
No. 317—New Comet Pedal, complete\$7.50

New Ludwig & Ludwig "Racer" Pedal

Here at last, is a fine professional type pedal of an amazing quality and design, but drastically low-priced! This fine little pedal will offer any drummer unlimited service and satisfaction without requiring attention.

The surprising speed, extreme lightness, and smooth, easy action will convince you. Designed so that wobbling, side-strain, and lost motion are eliminated. The strong, sturdy spring assures you long wear and service, and the non-slip cast aluminum footboard is positive acting and sturdily built. Lambs-wool beater ball is of correct size and weight for best performance. Beater rod is fully adjustable. All metal parts (except footboard) are heavily nickel plated.

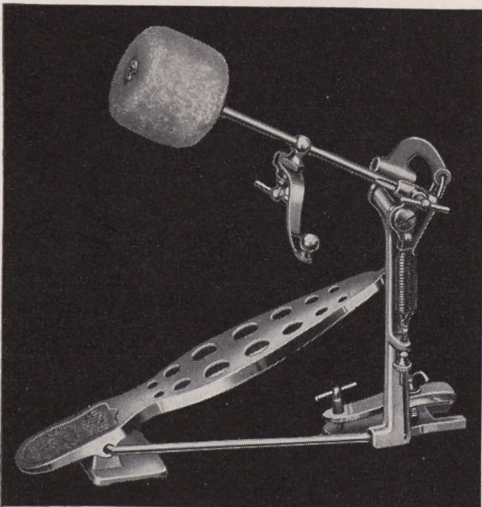
No. 318—New Racer Pedal, complete\$5.00



Ludwig & Ludwig Original Pedal

The first floor-swing pedal made, it has been improved through the years and has always been a favorite of drummers everywhere. The action is easy, with a smoothness and speed which is exceptional at its price. Beater shaft has two holders for the beater ball rod; one for muffled effect; the other for off-center beat. Pedal folds into small space, is light in weight, sturdily built. Includes lambs-wool beater ball.

No. 310—Original Pedal, complete, Nickel Plated\$8.00

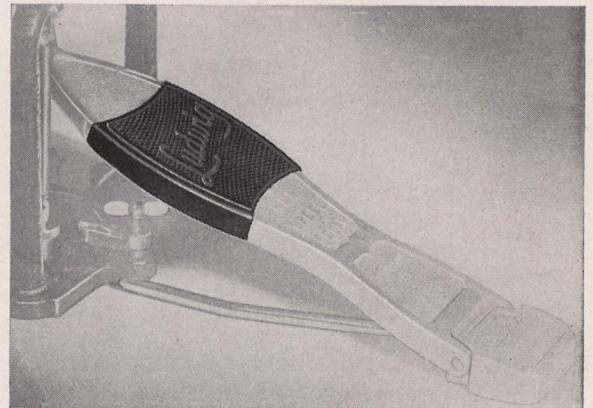


NEW Rubber Pedal Tread

Here is a new aid for drummers which will be welcomed by one and all! A special rubber pedal tread which fits any pedal footboard. Prevents all foot slippage and side motion...

...Prevents foot from "backing off" footboard...Allows foot to remain where placed for best balance and speed...Will not interfere with "feel" of pedal...Does away with gluing heavy rubber pads or wrapping friction tape on footboard, which destroys balance and results in a "sluggish" pedal...Helps to overcome pedal foot fatigue...Tread is reversible, giving longer life...Low price allows replacement when necessary...Insures rhythmic accuracy by allowing foot to remain in best balanced spot on footboard...A necessity in fast four-in-a-bar beating. Give this new pedal aid a try and you'll never be without it again.

No. 319—New Rubber Pedal Tread\$0.35



Improved Ludwig & Ludwig "Hi-Sock"

TWO INCHES HIGHER • 20-INCH LEG SPREAD
FASTER, EASIER SPRING ACTION • PEDAL-TYPE
FOOTBOARD • WASHERS CUSHION CYMBALS • SPLITS
FOR PACKING • EASY TO SET UP OR TAKE DOWN

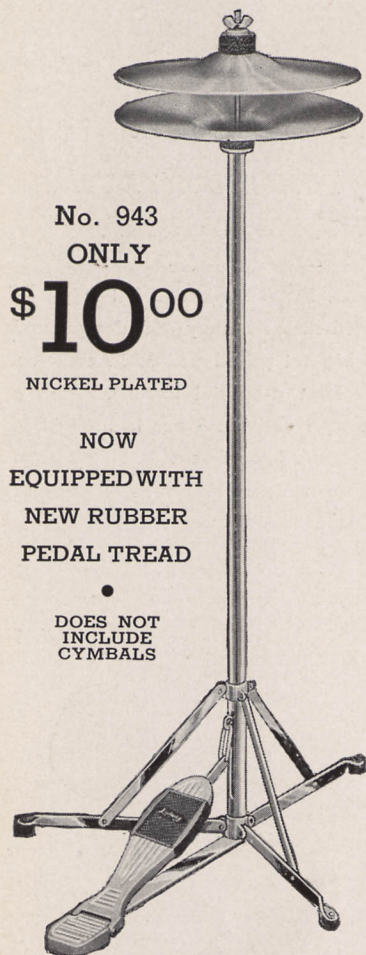
A HI-SOCK pedal is almost a necessity in every drum outfit. The professional drummer has developed a cymbal smacking technique on the HI-SOCK pedal that amazes the drummers of the past generation.

We offer a Hi-Sock pedal that is FASTER and SMOOTHER than anything else on the market. After many tests and trials, drummers determined that it was to be TWO INCHES higher, to make the top cymbals easier to reach and to play fast socking cymbal rhythms. Two inches meant a lot to the professional drummer. Now he can use his right hand OVER the left hand to strike the HI-SOCK cymbals, (heretofore he was cramped by playing UNDER the left hand).

Special bearings in the shaft, exacting specifications as to fit and sizing of rods and bearings, finer springs, and more direct coupling of the foot-board make for EASIER PEDALING, and especially FASTER PEDALING, without a semblance of TIRING the foot. A standard type pedal foot-board makes it feel more comfortable to the foot, and accessible to the foot AT ANY ANGLE.

Packs simply and compactly. The base is absolutely secure, and has less tendency to creep. Two thin, medium size cymbals are recommended for use with the HI-SOCK Pedal.

No. 943 —Ludwig Hi-Sock Pedal. Nickel plated \$10.00
No. 943K—Same, Chromium plated 15.00



No. 943
ONLY
\$10⁰⁰

NICKEL PLATED

NOW
EQUIPPED WITH
NEW RUBBER
PEDAL TREAD

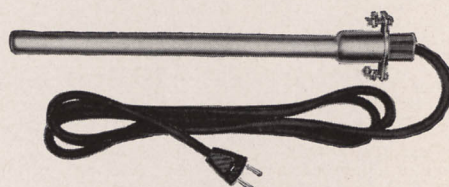
•
DOES NOT
INCLUDE
CYMBALS

Bass Drum Blinker Lights

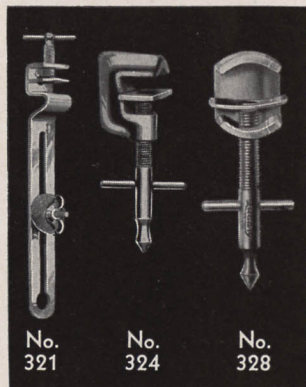
No. 131—Blinker attachment, plugs in from outside of drum shell, for 110 A. C. current. Red and blue lights with cord, socket and plug. Installed complete at \$7.50

Improved Electric Drum Heaters

Keeps heads properly tensioned in damp weather, and thereby preserves good drum tone under otherwise trying conditions. Gives a low, steady heat without light, and can be left in drum at all times. Sturdy Chromolox heating element. With proper care will never burn out. 12" long and $\frac{11}{16}$ " in diameter. Complete with six feet of cord and attachment plugs. For use only with 110 volt electric current.

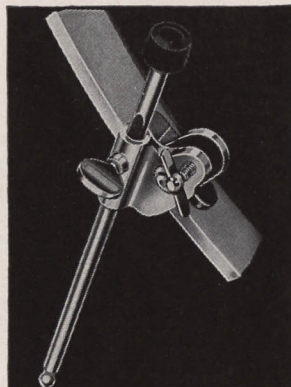


No. 732—Snare Drum Heater \$7.50
No. 733—Bass Drum Heater 7.50



Spurs and Cymbal Holders

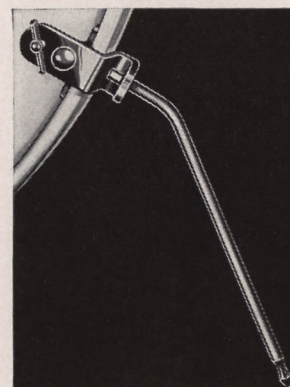
No. 321 —Cymbal Holder. Strong, rigid adjustable. In Nickel \$.60
No. 324 —Drum spurs of cast steel with sharp point and non-marring swivel clamp. Strong and practical. In Nickel, per pair75
No. 328 —Drum Spurs. Light, durable, convenient and inexpensive. In Nickel, per pair60



Ludwig Giant Adjustable Spurs

You don't have to remove these spurs when you pack your drum. Simply loosen the adjustment screw and slide the spurs up out of the way. Saves time and effort, and loss is reduced to a minimum. Use rubber tip ends for tile, concrete, or waxed floors.

No. 322 —New Improved Giant Spurs. Fasten higher up on the drum shell. Prevent sideways or tipping of drum when heavy traps are used, such as temple blocks, Tom-Toms, etc. Reversible metal and rubber tips. Nickel plated. Length 9 $\frac{1}{4}$ ". Per pair \$2.50
No. 322K—Same, in Chromium 3.75

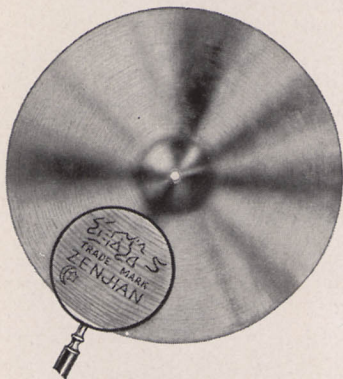


Giant Bass Drum Spurs

New non-adjustable spurs made longer so that they fasten higher up on the bass drum shell and prevent sidesway or tipping of drum when heavy traps are used. Ludwig Hold-Tite clamp fastens securely to counter hoop. Will not mar finish.

No. 313 —Giant Bass Drum Spurs. Nickel plated. Per pair \$1.50

Turkish and Ludwig & Ludwig Made Cymbals



Zenjian Cymbals

(100% Turkish Type Cymbals)

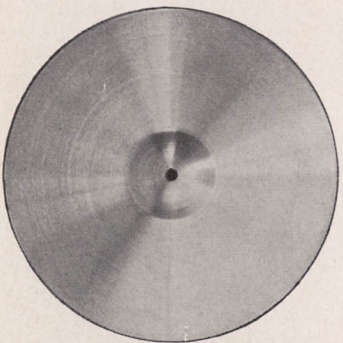
There is a ZENJIAN for every need and purpose. The pitch varies with the thickness and is largely a matter of preference. Thin are high pitch. Heavy are low pitch. Medium are pitched between the thin and heavy. Band and Drum Corps Cymbals should be heavy cymbals. Please specify—thin, medium or heavy when ordering.

No. 435—8" thin—high pitch	\$ 5.50
No. 431—10" thin feature rhythm cymbal ..	7.50
No. 436—11" thin—high pitch—cymbal ...	8.00
No. 466—12" thin—medium or heavy	9.50
No. 437—13" thin—medium or heavy	12.00
No. 438—14" thin—medium or heavy	14.50
No. 439—15" medium or heavy	17.25
No. 430—16" medium or heavy	19.50

Deep Cup Zenjian

This is an extremely thin, light, deep cup cymbal used for fast crash and sock work. Has a penetrating "squashy" ring that is plenty hot for modern cymbal socking. You need one of these in your work. Made in one size and weight only.

No. 411—10" Deep Cup ZENJIAN	\$9.20
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Ludwig Made Cymbals

Ludwig own make Cymbals are "spun" by skilled workers, and are processed to meet the exacting requirements of the drummer. Recommended for all types of pedal or sock work.

Brass

No. 428—Size, 7", Each	\$0.50
No. 427—Size, 8", Each .....	.75
No. 429—Size, 10", Each	1.15
No. 432—Size, 11", Each	1.65
No. 433—Size, 12", Each	1.90
No. 434—Size, 13", Each	2.40

Nickel Silver

These cymbals are hand spun and polished to a satiny silver finish. Inexpensive substitute for Turkish type cymbals in Junior Drum Corps.

No. 443—Size, 13", Each	\$4.00
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K. Zildjian Turkish Cymbals

The famous K. Zildjian Turkish cymbals are made in Constantinople under the K. Zildjian secret formula. Known throughout the world for resonance and brilliance of tone.

Paper-Thin Grade

High pitched, extra thin cymbals. Ideal for choke cymbals and "hot" work.

No. 779—10-inch DEEP CUP. Each ...	\$10.00
No. 780—10-inch. Each	10.00
No. 781—11-inch. Each	11.25
No. 782—12-inch. Each	12.50
No. 783—13-inch. Each	15.00

Crash Cymbals

Medium thin, balanced cymbals with big, instantaneous crashing tone. The supreme Crash Cymbals.

No. 785—11-inch. Each	\$11.25
No. 786—12-inch. Each	12.50
No. 787—13-inch. Each	15.00
No. 788—14-inch. Each	17.50
No. 789—15-inch. Each	20.00
No. 790—16-inch. Each	22.50

Band and Drum Corps Cymbals

Heavily matched pairs with tone of dominating brilliance, for Bands and Drum Corps.

No. 792—13-inch. Per pair	\$30.00
No. 793—14-inch. Per pair	35.00
No. 794—15-inch. Per pair	40.00
No. 795—16-inch. Per pair	45.00



Deep Cup Brass

Spun from heavy American brass. Excellent, and recommended for choke effects and choke mountings. Noted for their splendid tone qualities.

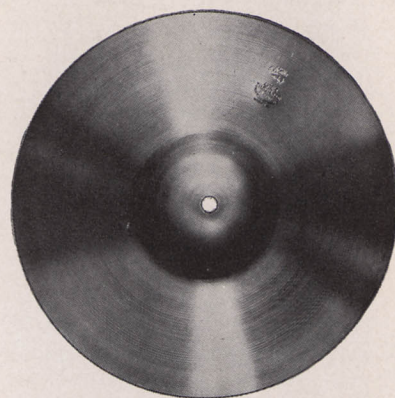
No. 410—10" Deep Cup	\$1.25
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Extra Deep Cup Sock Cymbal

An extra deep, squashy and hollow cymbal tone is produced with this 10" cymbal which has an 8" cup. Use in pairs inverted for choke effects.

No. 479—10" Brass, Each	\$1.50
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A. Zildjian Crash Cymbals

The finest American made Turkish-type cymbals available. Selected from choice stock. Obtainable in all weights and sizes, and recommended for best musical uses. Specify when ordering whether paper thin, thin, medium thin, or heavy; for orchestra, band or drum corps use.

No. 90—9" cymbal, each	\$ 6.50
No. 91—10" cymbal, each	9.50
No. 92—11" cymbal, each	10.50
No. 93—12" cymbal, each	12.00
No. 94—13" cymbal, each	14.50
No. 95—14" cymbal, each	16.50
No. 96—15" cymbal, each	19.50
No. 97—16" cymbal, each	22.50

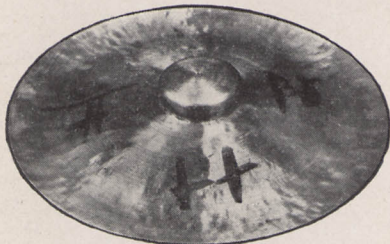


Stanople Cymbals

These are fine quality, Turkish-type cymbals that are surpassed only by the genuine Zenjian cymbals in tone, "sting" and vibrato. These are specially selected by us so you are assured of the best possible cymbals obtainable at these prices. Band and Drum Corps cymbals should be heavy. Please specify whether thin, medium or heavy cymbals are wanted when ordering.

No. 925—10" Deep Cup for fast crash and "Hot-sock" effects. Each	\$ 5.75
No. 926—10". Thin only	4.50
No. 927—11". Thin only	5.00
No. 928—12". Thin, medium or heavy	5.75
No. 929—13". Thin, medium or heavy	7.75
No. 930—14". Thin, medium or heavy	9.75
No. 931—15". Medium or heavy	11.50
No. 932—16". Medium or heavy	12.50

Cymbals and Cymbal Stand

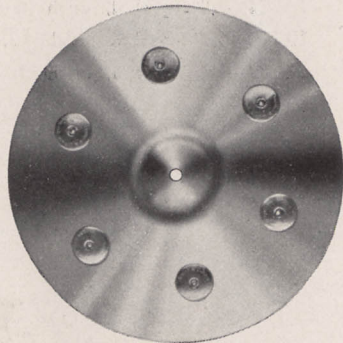


No. 442

Chinese Cymbals

Handhammered, finely tempered, and of good quality. These cymbals are especially desirable because of their brilliant "crash" tone, whanging and peculiar sound which you often hear.

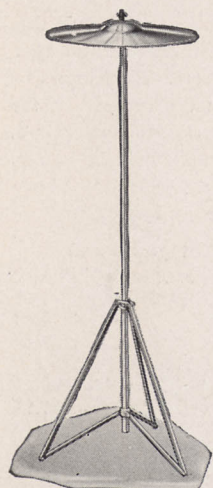
No. 442—12", each	\$ 3.50
No. 459—13", each	4.00
No. 454—14", each	4.75
No. 460—15", each	5.50
No. 461—18", each	8.75
No. 461½—20", each	11.00



Ludwig & Ludwig Sizzle Cymbals

Wide usage has made this one of the standard cymbals in the drummer's ensemble. Its chattering, rasping, sizzling tone will come in handy on every job you play. Made with six "Sizzlers" of the correct weight and size for the best effects.

No. 425—Ludwig Sizzle Cymbal	\$2.50
No. 606—Notched Sticks for Sizzle Cymbals, (shown on page 38).	
Per pair .....	.50



No. 991

New Ludwig & Ludwig Cymbal Stand

With Rubber Cymbal Seat

If you want a cymbal handy for fast "hot licks" here's the solution—the new Ludwig Cymbal Stand equipped with the new Rubber Cymbal Seat. Sturdy drum stand base assures solidity, while the adjustable upright rod enables you to place the cymbal at the height most convenient for you. A necessity for the modern swingster. Price DOES NOT include cymbal.

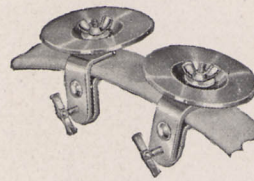
No. 991—Ludwig Cymbal Stand, Nickel plated

No. 991K—Same, Chromium plated

Gongs and Gong Stand

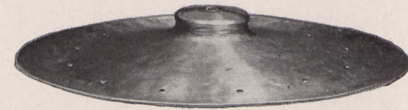
"Greeko" Cymbals

"Greeko" Cymbals are tuned in pairs, fasten to the counter hoop of the bass drum and are played with the tips of the sticks in soft strains. Their pleasant tinkling tone is particularly desirable in after-beat rhythms. Complete with nickel plated holders.



No. 986

No. 986—"Greeko" Cymbals, per pr..\$2.25



Chinese "Splash" Cymbal

A 13" Chinese cymbal with 12 loose "rocking" rivets. Gives unusual effects with either light or heavy blow. A necessity for modern swingsters.

No. 444—Chinese "Splash" Cymbal

Chinese Jazz Cymbals

The small extra thin Chinese cymbals with that extraordinary high pitch, sharp, piercing tone that is distinctive and barbaric.

No. 408—8", each

No. 409—10", each

ZENJIAN, A. ZILDJIAN, K. ZILDJIAN, AND STANOPE
CYMBALS ON PAGE 29 . . . HI-SOCK CYMBAL PEDAL ON
PAGE 28 . . . HICKORY DRUM STICKS ON PAGE 38 . . .
PRACTICE PADS PAGE 37 . . . CYMBAL HANDLES AND
CYMBAL PADS AND STRAPS, PAGE 55.

Chinese Gongs

Essential for heavy crash introductions, Oriental numbers, and specialties. A strong blow gives a thunderous crash effect while a gentle blow will bring forth a rich, vibrant tone.

No. 455 —14" diameter . . . \$ 9.00

No. 455½—16" diameter . . . 12.00

No. 456 —18" diameter . . . 17.50

No. 457 —20" diameter . . . 22.50

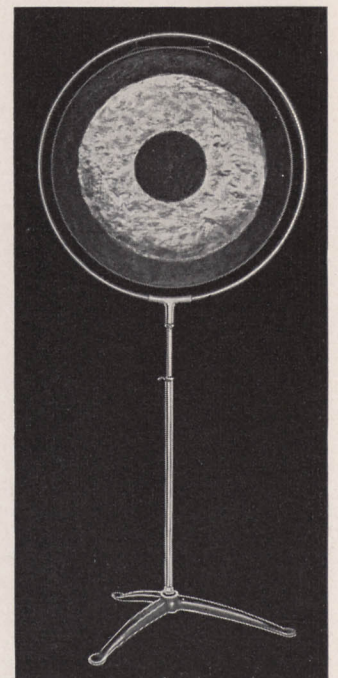
No. 458 —23" diameter . . . 27.50

Chinese Gong Stands

Special Gong Stand as illustrated at the right. Extra strong construction with heavy ring and telescopic posts with sturdy base. Heavily nickel plated with black base.

No. 989—Chinese Gong Stand \$15.00

Note: Give size of gong when ordering Gong Stand.



No. 457 Gong with No. 989 Stand

Ludwig & Ludwig Cymbal Holders and Cymbal Seats

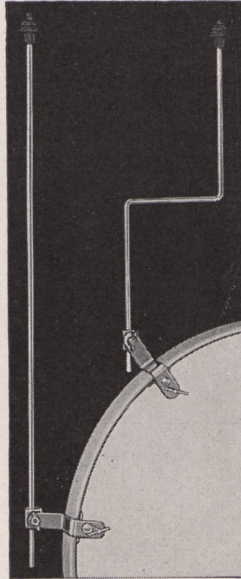
Ludwig Adjustable Cymbal Holders

Place this cymbal holder anywhere on the bass drum hoop—left or right. It clamps instantly and securely with the Ludwig Hold-Tite Clamp. The countersunk star ratchet adjustment enables you to keep the cymbal upright regardless of the position of the holder. Completely adjustable as to angle, height, and distance. Cymbal can be swung in a full circle to any position desired and held securely. Fitted with new Ludwig Rubber Cymbal Seat to permit free vibration. Overall height, 21".

- No. 469—Universal Adjustable Cymbal Holder.
Nickel\$1.75
- No. 469K—Same, Chromium plated 2.75

No. 452—The same as above, EXCEPTING the adjustable clamp is supplied with a STRAIGHT rod, thirty-two inches long, including rubber cymbal seat. This is becoming more popular, and now in demand by "Swing" men who want to mount their rods extremely low on the bass drum, and yet place the cymbals high enough for easy reach and playing. ALSO used to bend into special angles as per the individual drummer's needs. Nickel 1.75

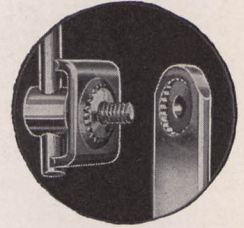
- No. 452K—Same, Chromium plated 2.75



No. 452 No. 469

New Countersunk "Star" Ratchet

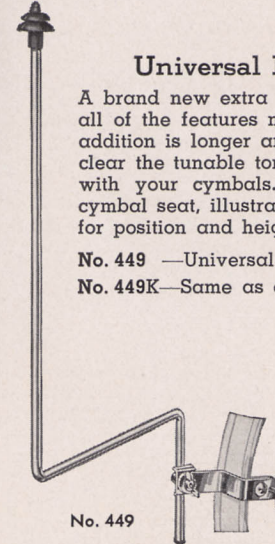
A stellar feature of all Ludwig angle adjustment cymbal and tom-tom holders for bass drum hoop, or trap rack. Power-punched toothed edges of two parts mesh together and are guaranteed not to slip, turn, or shear, under the severest usage.



Universal Extra Long, Heavy Holder

A brand new extra long, heavy cymbal holder which has all of the features mentioned above and to the left but in addition is longer and heavier, and is bent so that it will clear the tunable tom toms which you may want to mount with your cymbals. Equipped with the popular rubber cymbal seat, illustrated below, at the left. Fully adjustable for position and height.

- No. 449 —Universal Cymbal Holder, nickel plated ..\$2.00
- No. 449K—Same as above, only Chromium plated ... 3.00

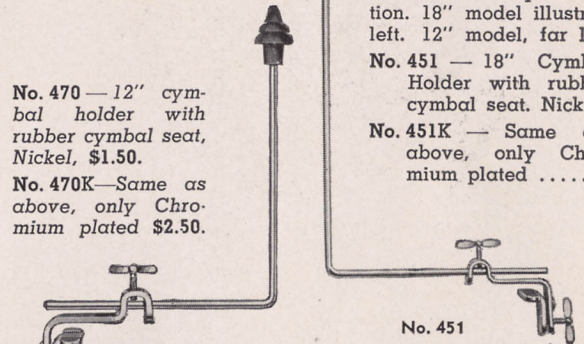


No. 449

Standard Cymbal Holders

Two cymbal holders which clamp to the bass drum hoop with Hold-Tite clamps. Fully adjustable for position. Equipped with popular rubber cymbal seat which permits wide variation in cymbal vibration. 18" model illustrated at left. 12" model, far left.

- No. 451 — 18" Cymbal Holder with rubber cymbal seat. Nickel \$1.50
- No. 451K — Same as above, only Chromium plated 2.50



No. 470 — 12" cymbal holder with rubber cymbal seat, Nickel, \$1.50.

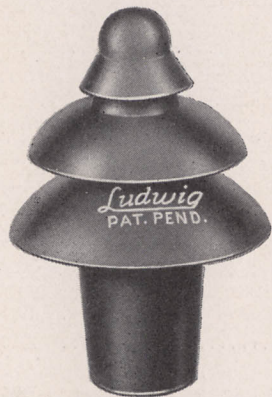
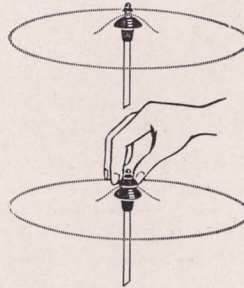
No. 470K—Same as above, only Chromium plated \$2.50.

No. 470

No. 451

New Rubber Cymbal Seat

A new Ludwig & Ludwig, Inc., creation, so revolutionary in construction, so simple, and so good that it is truly the sensation of the drum world. Made entirely of rubber. Slips onto end of any Ludwig cymbal holder rod. Rubber collar slips over top of cymbal, as shown in illustration to



the right, and absolutely prevents cymbal from coming off. Cymbal seat may be kept on when packing.

This new rubber cymbal seat IMPROVES THE TONE, because the cymbal "floats" or "rocks" freely without any felt or dampening material against the cymbal. Thus good cymbals sound even better, and the tone of poor cymbals is actually improved!

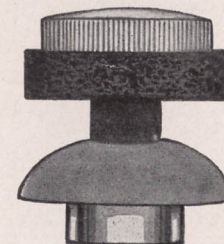
IT IS NOISELESS! Not a chance for metallic rattle or contact! It is inexpensive. It is practical. It is the finest adapter or holder ever created! A necessity for every wideawake drummer!

- No. 478—Ludwig Rubber Cymbal Seat. Each\$0.25

Cymbal Tip Adapter

Compactly made with rubber shoulder and felt washer so that no metal touches the cymbal. Has a countersunk hole so that it slips over top of rod and cannot fall off. Adapter remains on cymbal when packed.

- No. 471 —Cymbal Tip Adapter. Nickel plated. Each\$0.40

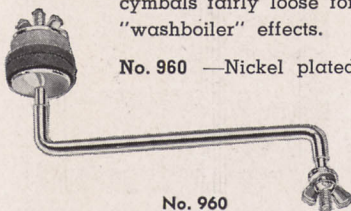


No. 471

Choke Cymbal Holder for Trap Table

The ideal choke cymbal holder for trap table or console. Use one 12" Chinese cymbal and one 8" American brass cymbal for best effects. Leave cymbals fairly loose for "sizzle" effects; or screw them tight for "washboiler" effects.

- No. 960 —Nickel plated. Each\$1.00



No. 960

Recommended Cymbals for Above Holder

- No. 442—12" Chinese cymbal.Each \$3.50
- No. 427— 8" American brass cymbal. Each75

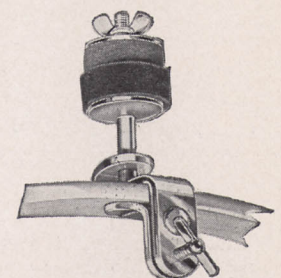
Choke Cymbal Holder for Bass Drum

Fastens to bass drum hoop with Ludwig Hold-Tite Clamp. Adjustable for "sizzle" effects or deep, hollow, "squash" tones. Ideal for stick work on brass cymbals.

- No. 961 —Nickel plated. Each\$1.10

Recommended Cymbals for Above Holder

- No. 428—7" American brass cymbals. Each\$0.50 (Two cymbals needed for holder.)

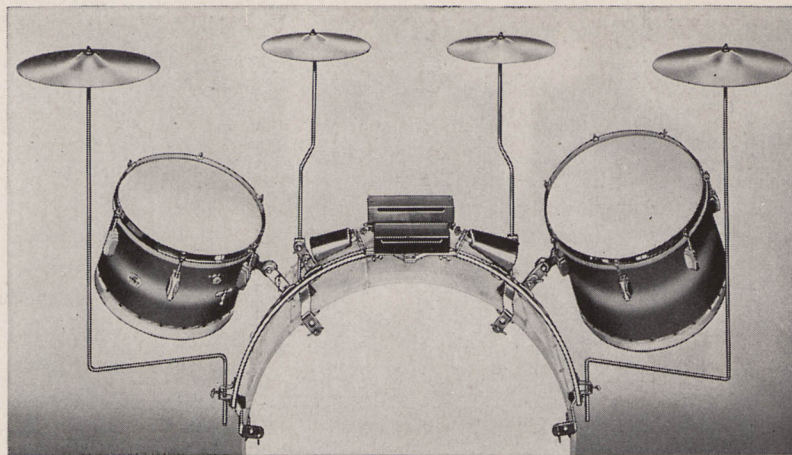


No. 961

Improved Ludwig & Ludwig UNIVERSAL TRAP RACK

- Made of strong channel steel
- Holds great variety of traps
- Mounts solidly on bass drum
- Permits faster, easier execution
- Made for 26 or 28-inch drums

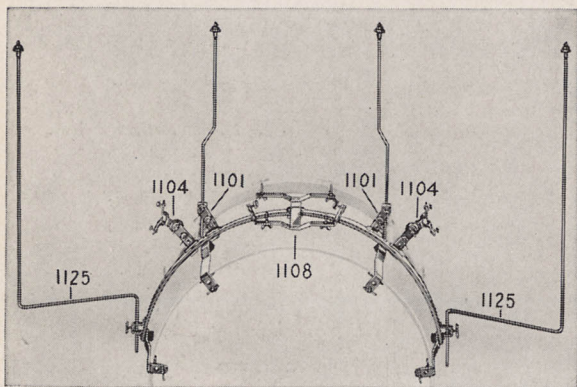
Here's the world's finest, most convenient, and most compact trap rack! It is strongly made of channel steel curved to hug the bass drum shell. Easy to put on or take off. Four sturdy steel arms have thick rubber cushions which rest on the drum shell, and Ludwig Hold-Tite clamps to fasten the trap rack securely and rigidly to the counter hoop.



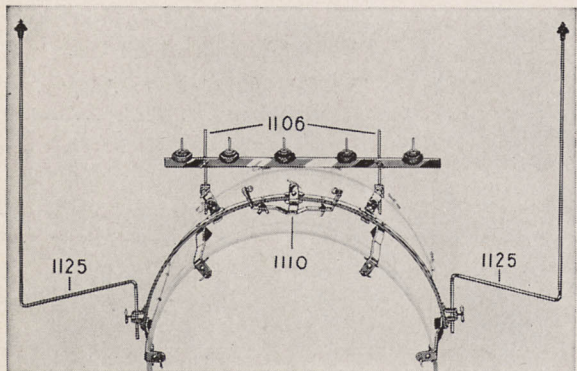
There's no wiggle or wobble to the Ludwig Universal Trap Rack. It holds a multitude of traps with everything in easy reach for fast and rapid execution. You've never seen anything like it in sturdiness, convenience, and compactness. Available for either 26" or 28" shell bass drums. Try it once and you'll agree it's the "tops"!

NOTE

Trap holders designed to fasten on bass drum counter hoop **WILL NOT HOLD** on the Universal Trap Rack. You must use the special holders listed below. Prices of holders **DO NOT** include cymbals, cow bells, temple blocks, or tom-toms.



Showing Universal Trap Rack No. 1121, and some of the available holders: No. 1125—Cymbal rod with rubber tip adapter. This fits into special bracket on either side of trap rack. No. 1104—Tunable tom-tom holder. No. 1101—Cymbal holder.

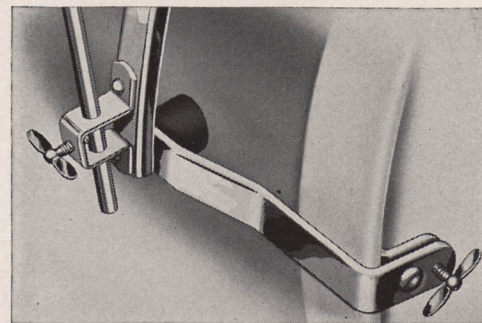


Universal Trap Rack, No. 1121, and two additional holders not shown in top photo: No. 1110—Holder for one wood block and two cow bells. No. 1106—Temple Block Rack with holders to clamp to trap rack.

Prices of Trap Racks and Holders

No. 1121 —Ludwig Universal Trap Rack only, for 28" diameter bass drum. Nickel plated	\$ 7.50
No. 1121K—Same, Chromium plated	11.00
No. 1120 —Ludwig Universal Trap Rack only, for 26" diameter bass drum. Nickel plated	7.50
No. 1120K—Same, Chromium plated	11.00
No. 1101 —Cymbal holder for Universal Trap Rack, complete with rubber cymbal seat. Nickel plated	2.00
No. 1101K—Same, Chromium plated	3.00
No. 1125 —Extra long and heavy cymbal arm, complete with rubber tip adapter. Fits into special brackets on either side of trap rack, as shown in the illustrations. Bent so that it will clear tunable tom-toms. Nickel	1.50
No. 1125K—Same, Chromium plated	2.25
No. 1110 —Combination cow bell and wood block holder for Universal Trap Rack. Nickel plated	1.75
No. 1110K—Same, Chromium plated	2.75
No. 1103 —Chinese type tom-tom holder for Universal Trap Rack. Nickel plated	1.50
No. 1103K—Same, Chromium plated	2.25
No. 1104 —Tunable tom-tom holder for Universal Trap Rack. Nickel plated ..	3.50
No. 1104K—Same, Chromium plated	5.25
No. 1106 —Temple block rack COMPLETE WITH POST MOUNTING to fasten directly to Universal Trap Rack. Nickel plated	5.50
No. 1106K—Same, Chromium plated	7.50
No. 1105 —Temple block rack only (fastens to two No. 1101 cymbal holders. Cymbal holders are NOT included). Nickel plated	3.50
No. 1105K—Same, Chromium plated	5.25

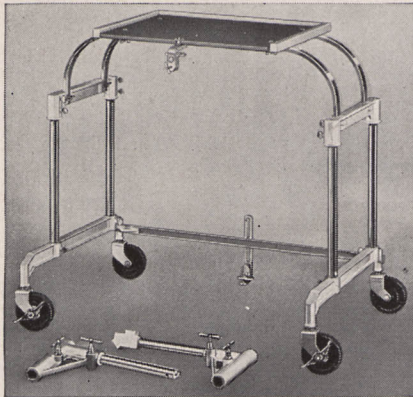
Showing one of the four Ludwig Hold-Tite clamps which fasten to bass drum counter hoop; heavy rubber bumper which rests on drum shell; and one of the brackets on each side of the trap rack to hold No. 1125 cymbal rod.



NEW LUDWIG & LUDWIG WHEELAWAY TRAP CONSOLE

The newest and finest trap console! Holds all the traps any drummer will ever need—all in one compact unit for utmost accessibility! Constructed of finest steel and aluminum castings for light weight and lasting service. Weighs only 30 lbs. Non-marring clamps fasten to bass drum front and rear holding it securely. Specially designed arms for snare drum and Tom-

Toms permit any desired adjustment for height or position. Equipped with four rubber composition wheels so the entire outfit can be moved easily and quickly. Brakes on two front wheels lock the console firmly in place. The entire console can be set up or dismantled in a few minutes. Packs into a small space for transporting. Large felt covered trap board will hold a multitude of small traps.



No. 1500

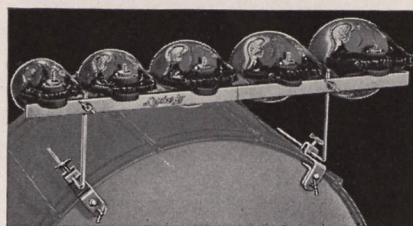
Wheelaway Console without attachments as listed. Illustration shows No. 1501 Tom-Tom holder arm (lower right), and No. 1502 Snare Drum holder arm. Weighs only 30 lbs.

- No. 1500 — Wheelaway Trap Console as illustrated without attachments. Nickel plated parts\$43.50
- No. 1500K—Same, Chromium plated parts.. 55.00
- No. 1501 — Tom-Tom holder arm complete for two Tom-Toms. Nickel plated 8.50
- No. 1501K—Same, Chromium plated 10.00
- No. 1502 — Snare drum holder arm. Nickel plated 7.00
- No. 1502K—Same, Chromium plated 8.50
- No. 1503 — Front cymbal arm complete with Tip Adapter. Nickel plated 1.40
- No. 1503K—Same, Chromium plated 2.25



No. 1500

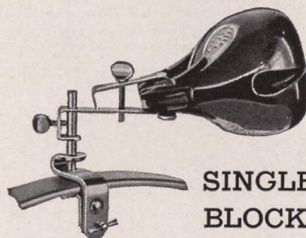
Wheelaway Console shown completely set up in use. Price does not include bass and snare drums, Tom-Toms, cymbals, gongs, temple blocks, and other traps.



BASS DRUM TEMPLE BLOCK RACK

Clamps to the bass drum with the improved, non-marring Hold-Tite clamps and is adjustable to height. Temple Blocks slip onto posts and are held firmly in place by wing nuts which screw to the post over felt and fiber washers. Rack splits for packing, is sturdy, compact, and light.

- No. 994 — As shown, in Nickel\$5.50



SINGLE TEMPLE BLOCK HOLDER

A convenient holder when only one, or two, Temple Blocks are used. Hold-Tite clamp.

- No. 996 — Temple Block Holder, Nickel ..\$1.25
- No. 995 — Temple Block Clamp only.... .75

- No. 1504 — Front cymbal holder, short angle. Nickel\$ 1.40
- No. 1504K—Same, Chromium plated 2.25
- No. 1505 — Rear cymbal arm complete with Tip Adapter. Nickel plated 1.40
- No. 1505K—Same, Chromium plated 2.25
- No. 1506 — Gong ring. Nickel plated. State size of gong 8.50
- No. 1506K—Same, Chromium plated. State size of gong 12.00
- No. 389§—Special fibre carrying case. No trays or partitions. Holds complete console and ALL traps, except drums and Tom-Toms. Measures 22"x18"x12". Each \$7.50

LUDWIG KOREAN PROFESSIONAL TEMPLE BLOCK

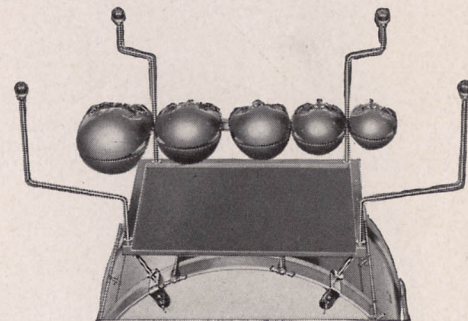
These are the very finest imported, especially selected deep toned Korean Temple Blocks on the market today. These blocks are all carefully tuned to correct intervals at the Ludwig factory and beautifully finished in gleaming black, red and gold lacquer that will stand the hard knocks of daily usage. Ludwig trade marked.

- No. 9981—6½" Size\$ 6.00
 - No. 9982—6" Size 5.00
 - No. 9983—5½" Size 4.00
 - No. 9984—5" Size 3.50
 - No. 9985—4½" Size 2.50
 - No. 998—Complete set of five 18.00
- Finished in any other combination of three lacquer colors, per set\$4.00 Extra

COMMERCIAL TEMPLE BLOCKS

Imported Korean Temple Blocks at a special low price. These blocks are not returned or refinished as are the Ludwig Professional blocks, and are recommended only when minimum expenditure is a paramount consideration. Available only in complete set of five.

- No. 999—Complete set of five\$9.00



LUDWIG & LUDWIG TRAP TABLE

The Ludwig Trap Table offers the modern swinger every convenience for a variety of cymbal mountings and trap arrangements. The back and front cymbal arms are now made larger and more extended for modern swing drumming, and with the new tip adapters assure you of free cymbal swing and full tone. The tip adapters remain on the cymbals for easy packing.

The temple block rack fits on the cymbal arms and is adjustable for height. Temple blocks are held by wing nuts with felt washers to protect the finish.

- No. 1004—Table only (without Temple Block Rack, Cymbal Holders, or Blocks)\$7.50

- No. 997—Temple Block Rack only (for Trap Table) with 2 rear Cymbal Arms that act as supports for Rack, including Cymbal Adapters, Nickel 5.00

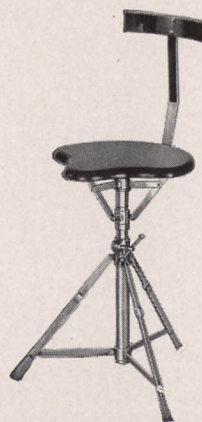
- No. 1003—Short front Cymbal Arm, including Cymbal Adapter, Nickel 1.00

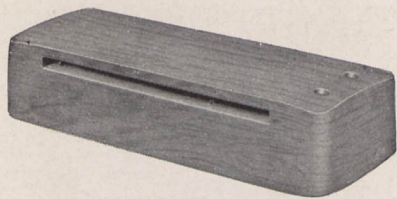
- No. 1002 —Long rear Cymbal Arm, including Cymbal Adapter, each 1.00

LUDWIG & LUDWIG DRUMMER'S THRONE

Strong, rigid, and adjustable to any height to suit your convenience. Seat revolves for easy manipulation of traps and other instruments. The most convenient, comfortable drummer chair it is possible to get. Folds compactly for convenience in carrying. Note: Also recommended for pianists, accordionists, and string bass players. Available with or without back rest.

- No. 954—Drummer's Throne, without back rest. Nickel plated.\$12.00
- Back rest for Drummer's Throne, additional 1.00

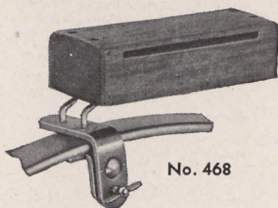




No. 462

Now made in America by Ludwig & Ludwig, Inc. The finest wood blocks obtainable. Made of selected wood, carefully shaped and cut to insure superlative tone. Drilled with two holes at each end.

- No. 462—Small size\$1.00
- No. 464—Large size 1.50

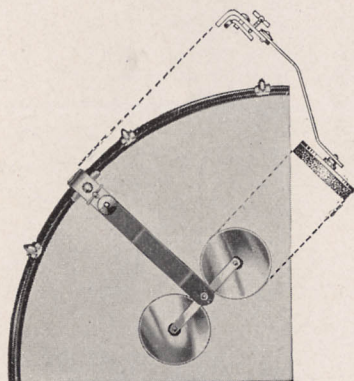


No. 468

Block Holders

Adjustable to any size wood block. Clamps to bass drum hoop rigidly with Hold-Tite clamp. Nickel plated.

- No. 468 —Block Holder, Nickel, each\$0.75

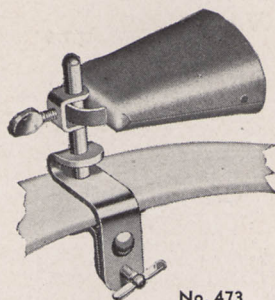


Regular Bass Drum Mufflers

A fine muffler with good, stiff spring and non-marring hoop clamp. Two 3" diameter metal discs, each with thick felt muffling pad, afford maximum muffling control because of great head area which is covered. Heavily nickel plated metal parts, except for the blue steel pressure spring. Fully adjustable for position.

- No. 670—Bass Drum Muffler, Nickel\$1.50

- No. 667 —Pressure type muffler similar to No. 666, at right, except does not have pressure adjustment. Each\$1.75
- No. 667K—Chromium 2.40



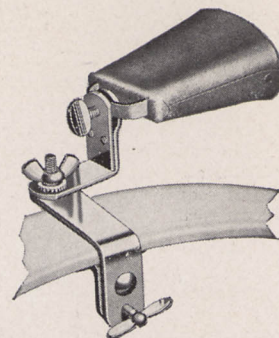
No. 473

Hold-Tite Post Adapter

Fastens to bass drum hoop easily and quickly with a half turn of the thumb screw. Will not mar finish. Can be used for a great variety of traps.

(Specify short, medium, or long post)

- No. 473 —Hold-Tite Post Adapter. Nickel \$0.75
- No. 566 —U-Shaped clamp with screw for mounting cow bell or other traps on Post Adapter. Nickel15

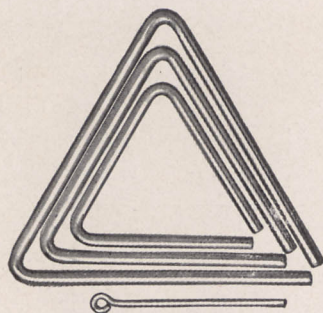


New Cow Bell Holder

Holds one to four cow bells. Fastens to bass drum hoop with non-marring Ludwig Hold-Tite clamp.

- No. 645 —Cow Bell Holder with ONE arm. Nickel 1.00
- No. 646 —Cow Bell Holder with FOUR arms Nickel\$2.20
- No. 647 —Extra arms. Nickel30

(Prices DO NOT include cow bells)



Nos. 485 to 487

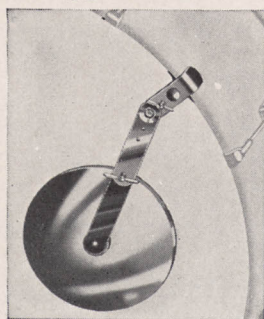
Triangles

Ludwig triangles have a clear, brilliant tone, and speak so quickly that the contact stroke of the beater is lost on the vibrations that follow. Made of better, more expensive steel than the ordinary makes on the market. Made in three sizes—6", 8" and 10" sizes. Every drummer needs one of these invaluable, yet inexpensive, traps. Beater is included with triangle.

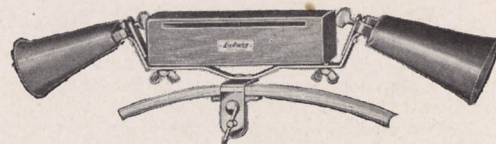
- No. 487 —6" Triangle, $\frac{7}{8}$ " diam. Nickel. \$0.85
- No. 486 —8" Triangle, $\frac{1}{2}$ " diam. Nickel. 1.25
- No. 485 —10" Triangle, $\frac{1}{2}$ " diam. Nickel 1.50
- No. 325 —Triangle Holder. Nickel50
- No. 325K—Triangle Holder. Chromium .. .75

New Pressure Type Mufflers

A brand new bass drum muffler which is fully adjustable for position; single disc type with suction cup effect, produced by sponge rubber muffling surface. Good stiff spring, and non-marring hoop clamp. Heavily bright nickel plated, except for blue steel spring.



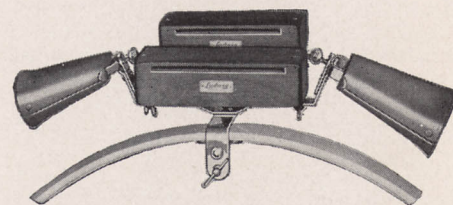
- No. 666 —Pressure type bass drum muffler with pressure adjustment screw, which allows regulation of the desired degree of tone muffle by simply twisting the wing screw. Each\$2.25
- No. 666K—Chromium 3.25



Combination Holder for Single Wood Block and Two Cow Bells

Holds any size wood block (adjustable holder) and two cow bells of any size. Fastens securely to bass drum hoop with non-marring Ludwig Hold-Tite clamp. The best holder for fast cow bell wood block work.

- No. 453 —Single Wood Block and Cow Bell Holder. Nickel\$1.50
- (Price DOES NOT include wood blocks or cow bells)

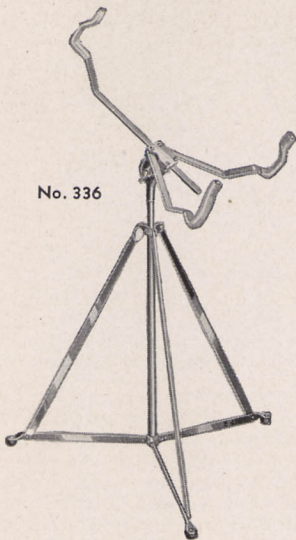


Combination Holder for Two Wood Blocks and Cow Bells

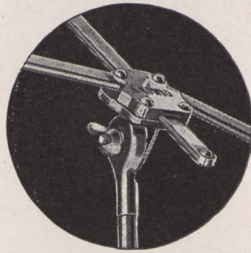
Holds any two wood blocks—large or small—with adjustable holders, and two cow bells. Fastens securely to bass drum hoop with non-marring Ludwig Hold-Tite clamp.

- No. 450 —Double Wood Block and Cow Bell Holder. Nickel\$2.25
- (Price DOES NOT include wood blocks or cow bells)

Ludwig & Ludwig Snare and Bass Drum Stands



No. 336



Ludwig drum stands are heavier and sturdier than ever before. The illustration shows the new stronger, heavier type castings used for the top unit, which insure longer wear and service with perfect alignment of the arms. The drum is held firmly and securely and, with the stronger and heavier legs and braces, will not wobble.

Master Stand

The Master snare drum stand has deep rubber-cushioned arms that protect the plating on the hoops of the drum. New heavier, stronger center castings in the top unit. Adjustable for 14", 15" and 16" diameter drums. Also adjustable for height and for playing angle. Strong, solid, rigid and durable. Equipped with rubber feet to prevent slipping. Folds compactly. Heavily nickel plated.

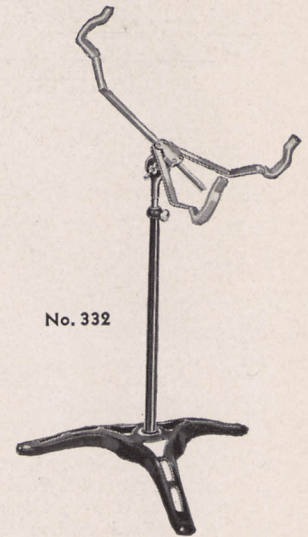
No. 336 —Master Snare Drum Stand\$6.50

No. 336K—Same, Chromium plated 9.50

Heavy Model Stand

An exceptionally fine stand for drummers in concert bands, symphony orchestras, or theatre pits. Adjustable for playing in a sitting or standing position. Extra heavy base threaded for upright tube. Both base and tube finished in black baked enamel. Balance of stand heavily nickel plated. New adjustable top with stronger, heavier center castings and rubber-cushioned arms. Will accommodate any size snare drum.

No. 332—Heavy Model Stand\$6.00



No. 332

Junior Stand

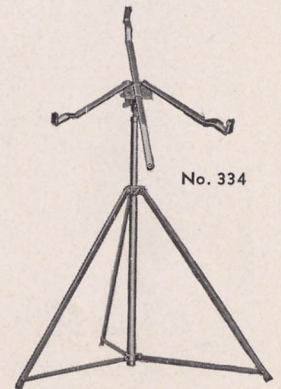
A slightly smaller, lighter weight stand than the professional models, but known for its strength and rigidity at the same time. Adjustable for height and playing angle, and takes little room when folded. For 13" and 14" drums. Nickel finish only.

No. 334—Junior Stand\$3.50

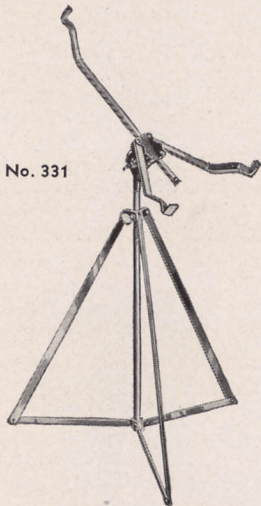
Juvenile Stand

The lightest and smallest drum stand in the line but strong, durable, and very well made. For small juvenile orchestra snare drums.

No. 330—Juvenile Stand (not illustrated), in Nickel only\$2.50



No. 334



No. 331

Professional Stand

One of the most popular of all snare drum stands, destined for greater popularity due to its new stronger, sturdier design. New heavier center castings in the top unit finished in black baked enamel. Balance of stand heavily nickel plated. Fully adjustable for any diameter drum, for height, and for playing angle.

No. 331 —Professional Stand, Nickel\$5.00

No. 331K—Same, in Chromium 7.00



Steel Tubing Bass Drum Stand

Constructed of welded steel tubing, this bass drum stand will do a better job because of its strength and durable design. Adjustable for height it is equipped with rubber feet to prevent slipping or creeping. Folds compactly. High grade felt on stand arms protects the finish of your drum. Finished in durable black crackle finish enamel. Two fine quality web straps are included for securing the drum to the stand. Weight of stand, ten pounds.

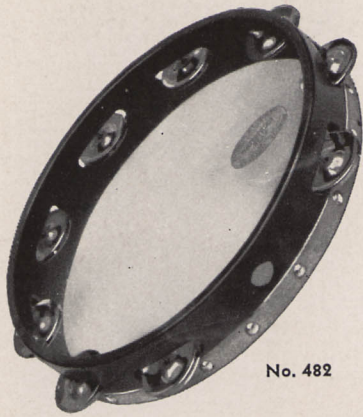
No. 350—Bass Drum Stand\$10.50

Sturdy Wood Bass Drum Stand

Here is a quality Bass drum stand sturdily built of hickory wood and finished in black lacquer. Solid steel rods riveted to the hickory frame give solidity and strength to this stand. Protecting sleeves of white rubber where stand contacts drum. Adjustable for height and folds compactly when not in use. Special rubber feet prevent slipping. Complete with heavy web straps for securing the drum to the stand.

No. 352—Bass Drum Stand\$6.50



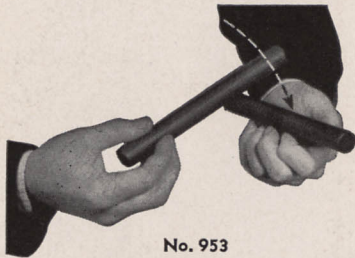


No. 482

Professional Tambourines

Ludwig tambourines may be depended on for quality of tone, service, workmanship and materials. Shells are of selected, solid stock finished in a natural walnut grain. The jingles are of our own make and of a weight to speak easily and yet give the desired volume and genuine tone. Genuine Calfskin heads.

- No. 483—8" diameter with 7 pair jingles ..\$2.50
- No. 482—10" diameter with 9 pair jingles .. 3.00
- No. 484—10" diameter with a double row of 17 pair jingles 3.50

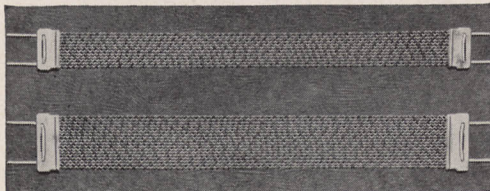


No. 953

Rosewood Claves

Genuine imported rosewood Claves are essential to getting the true Spanish effect in playing the fascinating and popular Rumbas and other rhythms of Spanish or Cuban origin. These are the best imported rosewood Claves obtainable and combine the proper tone with real service qualities. Sold in pairs only.

- No. 953—Claves, per pair\$1.25



All-Metal Snappi-Snares

Ludwig & Ludwig Snappi-Snares will improve the tone and response of your drum. Each snare is separate and all lie flat against the head. Will not cut or injure head. Made of finest, non-rusting steel wire, scientifically curled for best results. Furnished in sets of 12 and 18 snares, as follows.

- No. 703—Set of 12 snares for 14" drum\$1.50
- No. 704—Set of 12 snares for 15" drum 1.50
- No. 705—Set of 12 snares for 16" drum 1.50
- No. 723—Set of 18 snares for 14" drum 2.00
- No. 724—Set of 18 snares for 15" drum 2.00
- No. 725—Set of 18 snares for 16" drum 2.00



No. 4489

School Tambourines

No. 4489—An excellent low priced Tambourine designed for Rhythm Band, and school work. Diameter is 7" and has 6 pairs jingles. Bright red lacquered rim. Calfskin head\$1.00



No. 488

Ludwig & Ludwig Castanets

Ludwig Castanets are made of a special composition and moulded to the proper shape and form under several hundred tons pressure. It is to the material used, and this process, that they owe their peculiar Spanish tone so desired by orchestras and dancers.

Castanets are used in sets consisting of two pair,—a pair for each hand. Ludwig Castanets are paired with a colored, high quality, tasseled silk cord as illustrated.

- No. 488—Ludwig Castanets, per pair as illustrated\$0.60

Castanets on Handle

No. 480—Consist of a pair of Ludwig Castanets mounted on a hard rock Maple handle, ebonized and secured with a strong gut cord. Have the characteristic castanet tone. Excellent for soft rhythms or fast beats. Ideal because they can be picked up in an instant and played with one hand. As illustrated and described, each ..\$1.00



No. 480

Double Castanets on Handle

No. 481—Consists of a set of genuine Ludwig Castanets mounted on a hard Maple handle ebonized and secured with strong gut cord. Used in the same manner as the No. 480 Castanets on handle but give the double effect because of the two pairs of castanets. As illustrated and described, each\$1.75



No. 481

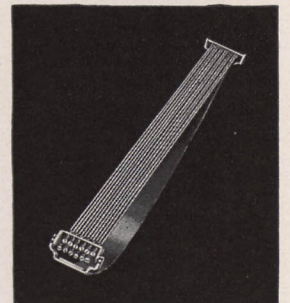
Silk-Wire Snares

Pure silk core carefully wound with non-rusting steel wire. 12 snares to a set.

- No. 702 — For Orchestra and Band, set...\$1.00
- No. 702½ — For Drum Corps..... 1.00

Ludwig & Ludwig Super-Ludwig Snares

The change to gut, coiled wire, or silk-wire snares may be made in a jiffy with these handy extra snares which are mounted on a spring steel holder to keep them taut when not in use. Simply



Gut Snares

Highest quality gut, hard and smooth. 12 snares to a set, each set mounted on a composition butt.

- No. 701 — For Orchestra, set of 12.....\$2.50
- No. 707—For Band, set of 12..... 2.75

loosen the two thumb nuts, remove the old snares, insert new snares and tighten nuts. For Super-Ludwig drums only. Specify diameter of drum when ordering.

- No. 671—Gut Snares\$4.00
- No. 672—Coiled Wire Snares 4.00
- No. 673—Silk-Wire Snares 4.00

Sound Imitations

The Ludwig & Ludwig Sound Imitations listed below are realistic in effect and will give a lifetime of genuine satisfaction and service. All metal imitations are heavily nickel plated.

- No. 500—Ludwig & Ludwig Cow Bawl \$2.00
- No. 501—Ludwig & Ludwig Rooster Crow 1.75
- No. 502—Ludwig & Ludwig Hen Cackle 2.00
- No. 503—Ludwig & Ludwig Baby Cry 1.50
- No. 505\$—Ludwig & Ludwig Duck Quack 1.50
- No. 494—Horse Hoof Imitation with composition slab. Per pair 2.00
- No. 552—Imitation Telegraph Key Sending Set. Each30
- No. 506\$—All-In-One Imitation. For hen cackle, baby cry, duck quack, rooster crow, and other imitations. Each \$2.50

Cuckoo Call

An excellent plunger-type wood whistle that can be tuned to key. Easy to master.

- No. 526\$—Cuckoo Call \$2.25

Sleigh Bells

Eleven bells riveted on a stout web strap. Bells are heavily nickeled.

- No. 490—Sleigh Bells \$2.50

Cyclone Whistles

Perfect mechanism. Loud blasts for cyclone, police and fire sirens; soft breath for gentle breezes.

- No. 513—Regular Cyclone Whistle. Nickel \$1.25

Sand Blocks

Useful for any number of good rhythm effects and a standard trap in the layout of every dance, radio and theatre drummer.

- No. 752—Sand Blocks, per pair \$0.60

Bird Whistle

A sturdy, reliable bird imitation with fine tone. Used with water, it is leakproof and rustproof.

- No. 511—Bird Imitation. Nickel \$1.75
- No. 4512—Economy Bird Whistle90

Small 3-Tone Whistle

A nickel plated, compact excellent imitation of small boat, launch, interurban, and motorcycle whistles. A very effective, useful, inexpensive, and durable little effect. Only 5½" long.

- No. 522\$—Small 3-Tone Whistle \$1.00

3-Tone Wood Whistle

Used for the same effects as the 3-toned metal whistle, equally as true-toned and preferred by some because it is wood. Has the desired full, rich, sustained tone. Length is 16" over all.

- No. 521\$—3-Tone Wood Whistle \$3.60

3-Tone Boat and Train Whistle

The finest 3-tone Boat and Train whistle made. Will not overblow, and responds easily to the breath. All-metal, sturdy, reliable and true-toned. Measures 7¼"x4½". Nickel plated and serviceable.

- No. 515\$—3-Tone Metal Whistle \$3.50

Famous Ludwig & Ludwig Song Whistle

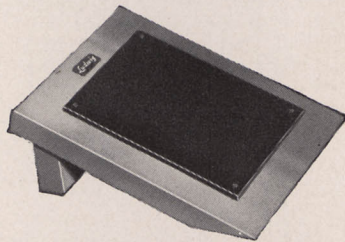
• NEW •
NEW SONG
FLUTE ON
PAGE 62



Slap Sticks

Made of hard rock Maple, and equipped with strong spring hinge. Used for rapid-fire rhythm beats, "bones" and "roll" effects. Maple finish.

- No. 547—Piccolo Slap Stick. Length 15", and 1½" wide. Each \$1.00

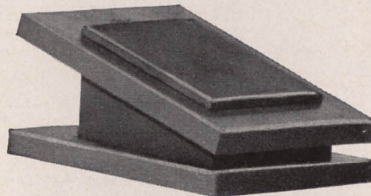


No. 730

New Practice Pad

Sturdy red lacquered hardwood base with gum rubber pad giving proper rebound to sticks, but eliminating all noise. Inclined to the correct angle for playing. Will not "creep" under heaviest playing. A necessity for every drummer—student or professional.

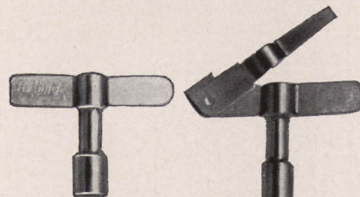
- No. 730—Silent Practice Pad. Each .. \$1.00



No. 755

Silent Practice Pad

No. 755—Rubber Pad for silent practice. Ideal in every way for teacher or pupil. Set at the right angle and will not creep or wobble \$2.75



No. 754

No. 753

Drum Keys

Standard steel key for all key tension snare and bass drums. Nickel plated.

- No. 754—Ludwig Drum Key, each \$0.20

Super-Ludwig key with folding screw driver for adjusting individual snares on Super-Ludwig drums

- No. 753—Super-Ludwig Key, Nickel, each \$0.35

Has a mellow, flute-like tone that is pleasing to the ear, and a fine tremolo effect is easily obtained by vibrating the plunger, or slide. Low notes are played with the plunger out; high notes when the plunger is in. Whistle is all metal, heavily nickel plated, and very serviceable.

The LUDWIG & LUDWIG Song Whistle is professionally endorsed. Used by leading players in orchestras, radio studios, and sound recording. Tube and plunger are carefully sized, permitting easy, smooth, and rapid execution. Plunger is of self-oiled type that keeps barrel lubricated for years. Easy to keep clean and sanitary. To remove plunger, simply pull the handle with a quick jerk.

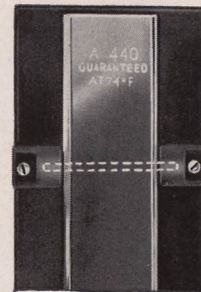
- No. 973—Ludwig & Ludwig Song Whistle \$1.50



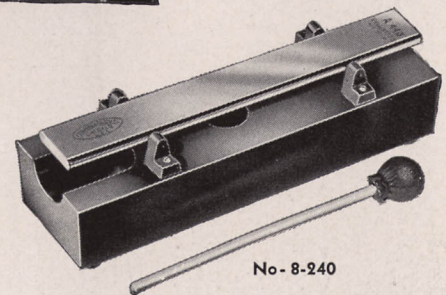
No. 973

Ludwig & Ludwig SONG WHISTLE

ONLY \$1.50



Sectional view of new Ludwig & Ludwig Studio Tuning Bar showing how pin through the bar is suspended in special rubber supports insuring absolute freedom of vibration, greater volume and carrying power, and more sustained tone.

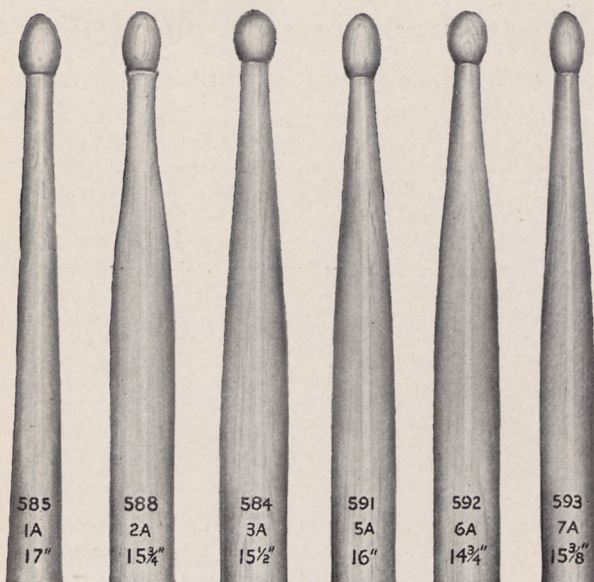


No. 8-240

New Studio Tuning Bar

Completely new in design and construction. Bar is 11" long and made of finest aluminum alloy to insure accurate, clear, sweet tone. Suspended by means of metal pins in rubber supports so there is nothing to deaden or dampen the tone. Tests have shown that this bar has 400% longer audibility than other types. It can be heard for a longer period and at a greater distance. Supplied with separate special mallet which permits a controlled blow—hard or soft as necessity requires. Resonator is of wood and has a recess in the top to hold the mallet when not in use. Equipped with felt bases and a ring at the top so it can be used on the desk or hung on the wall. Overall dimensions are 3" wide, by 3¼" high by 11¼" long.

- No. 8-240—Studio Tuning Bar. 1½"x¾" bar. A-440 pitch. Chromium plated \$8.00
- No. 8-241—Same, but B_♭-466.2 Pitch 8.00



Style "A"—Orchestra Models

Ludwig & Ludwig Hickory Sticks

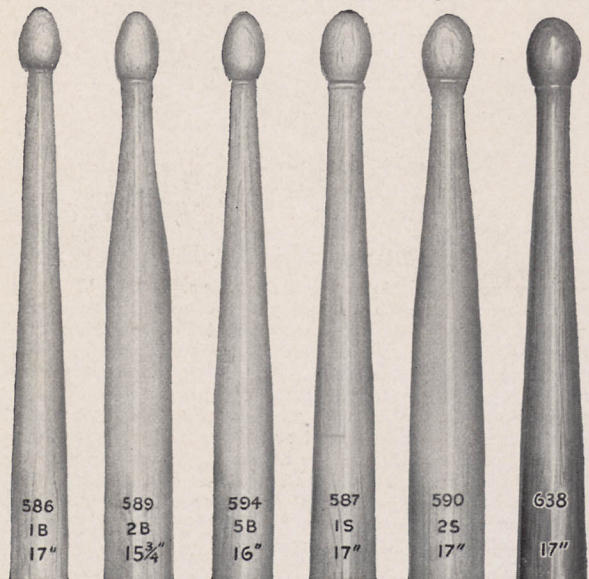
Made from finest second-growth hickory, selected for its straight, even, perfect grain. Carefully finished to a smooth surface and a fine, high lustre. Made with such precision and care that your favorite model can be ordered and re-ordered with the assurance that it will be just the stick to which you have become accustomed. Supplied in twelve models and three styles—ranging in length from 14 3/4" to 17", and in weight from 2 1/2 ounces to 6 1/2 ounces per pair. Illustrated above and below... a model for every purpose. Per pair\$0.45

- No. 585—1A sticks about 3 3/4 oz. pair
- No. 588—2A sticks about 3 1/2 oz. pair
- No. 584—3A sticks about 3 oz. pair
- No. 591—5A sticks about 3 oz. pair
- No. 592—6A sticks about 2 3/4 oz. pair
- No. 593—7A sticks about 2 1/2 oz. pair
- No. 586—1B sticks about 3 oz. pair
- No. 589—2B sticks about 4 1/4 oz. pair
- No. 594—5B sticks about 3 1/2 oz. pair
- No. 587—1S sticks about 5 oz. pair
- No. 590—2S sticks about 4 1/2 oz. pair
- No. 595—3S sticks about 6 1/2 oz. pair

Rosewood Drum Sticks

(Illustrated below, right)

- No. 638—Drum Corps sticks of genuine Honduras Rosewood; heavier than hickory, more durable than snakewood. 17" long, finely balanced and beautifully finished. Pair. \$1.50
- No. 639—Same as above, but shorter and lighter. For Junior Drum Corps, concert band, and orchestra. 15 3/4" long. Pair. 1.50



Style "B" for Bands

Style "S" for Street

New Swing Sticks

Two new Ludwig & Ludwig balanced shaft and tapered grip hickory drum sticks which are destined to be big favorites. Both illustrated, right.

SWING STAR MODEL—left, in illustration; for modern dance drumming. Length, 15 1/2", weight, approximately 3 1/2 ounces. Easy to grip, with ideal taper in the shoulder for press beats and all forms of modern dance work. Tops with the drummer who leans toward the longer, standard shaft for solid press beats and fast execution and rhythm rambling on all traps.

No. 660—Model 8-0, per pair. \$0.45

ALL STAR MODEL—right, in illustration. A heavier stick, so well balanced and proportioned that it plays with unusual ease. Length, 15", weight, approximately 4 1/2 ounces. Excellent for heavy swing beats, tom-toms, rim shots, and "powerhouse" work on cymbals. In this model, you get the advantage of greater weight for full depth of tone, and the full grip and balance just seem to fit the hand and make power playing effortless.

No. 661—Model 9-0, per pair. \$0.45



The Original Blue End Sticks

(Illustrated at left)

These are flashy, Extra Select, close-grained, second growth, fine white hickory with the weight and feel of standard Ludwig hickory sticks to which you have been accustomed. Attractively "dressed-up" with blue lacquered ends and beautifully finished natural hickory grain, hand rubbed to a high lustre, they give that added touch to your playing which can be obtained in no other way. Each pair carefully matched for uniform weight and appearance and individually packed.

Choice of any model as listed below. Per pair\$0.75

Model Numbers and Descriptions

- No. 585BE—1ABE, Blue End sticks about 3 3/4 oz. pair
- No. 588BE—2ABE, Blue End sticks about 3 1/2 oz. pair
- No. 584BE—3ABE, Blue End sticks about 3 oz. pair
- No. 591BE—5ABE, Blue End sticks about 3 oz. pair
- No. 592BE—6ABE, Blue End sticks about 2 3/4 oz. pair
- No. 593BE—7ABE, Blue End sticks about 2 1/2 oz. pair
- No. 586BE—1BBE, Blue End sticks about 3 oz. pair
- No. 589BE—2BBE, Blue End sticks about 4 1/4 oz. pair
- No. 594BE—5BBE, Blue End sticks about 3 1/2 oz. pair
- No. 587BE—1SBE, Blue End sticks about 5 oz. pair
- No. 590BE—2SBE, Blue End sticks about 4 1/2 oz. pair

Rudimental Practice Sticks

(Not Illustrated)

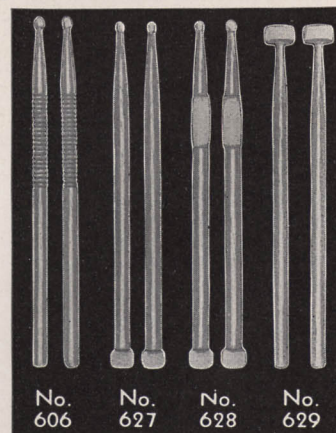
Especially designed for rudimental drum practice. Made of genuine second growth hickory in extra heavy model (average weight 6 1/2 oz. per pair), 17" long, for practicing on pads to limber up the wrists and to develop speed, power, and stick control.

No. 595—Rudimental Practice Hickory sticks (3S Model) \$0.45

Specialty Sticks

These sticks are used where quick change from drum to cymbals, temple blocks, wood blocks, and Tom-Toms does not permit a change of sticks. Ideal for soft rhythms, etc. Felt is finest quality. No. 606 are for Sizzle Cymbals.

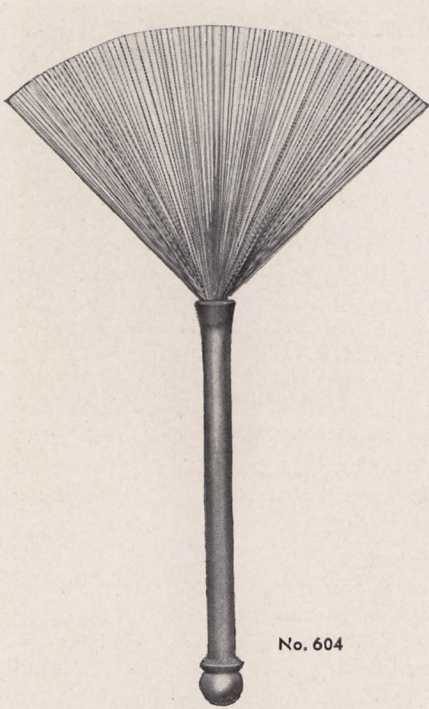
- No. 627—Two-In-One Sticks, per pair \$1.00
- No. 628—Three-In-One Sticks, per pair 1.50
- No. 629—Felt Tip Sticks, per pair 1.25
- No. 606—Sizzle Sticks, per pair50



Special Molded Rubber Handle Brushes For Rim Shots and Sock Effects

These new Ludwig & Ludwig molded rubber handle wire brushes answer the demand of modern swing rhythms and enable you to "swing out" to the fullest extent. A feature of these brushes is the specially designed, molded rubber handle with heavy flared edge at the brush end, and a formed flare and grip at the ball end. (Don't confuse this with a cheap piece of rubber tubing commonly slipped over the brush handle). This heavy molded rubber handle, over the regular aluminum handle, gives you a full grip and stick "feel". Will not slip out of your hands. Heavier handle and rubber ball ends enable you to get in plenty of "hot licks" on cymbals, wood block, cow bells, temple blocks, and tom toms. Wires are best thin gauge rust-proof, piano steel wire, securely fastened to steel wire rod by which wires are pulled into telescope handle. Wire brushes absolutely guaranteed to give complete satisfaction.

No. 604—Molded Rubber Handle Wire Brushes. Per pair\$1.00



No. 604



Heavy Flared Edge

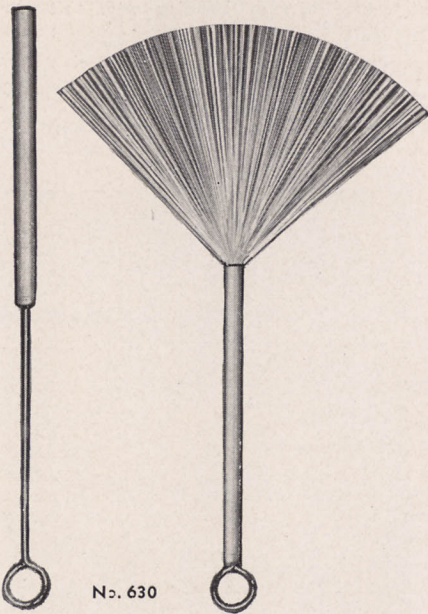
Illustration at left shows the brush end of handle on Ludwig & Ludwig Molded Rubber Handle Wire Brushes. Notice heavy flared edge of rubber handle which gives ideal weight and balance to the brushes. Gives excellent "feel" and grip to the brushes. Rubber ball ends help prevent brushes from slipping out of hands, too.

Telescope Handle Synco-Jazz Brushes

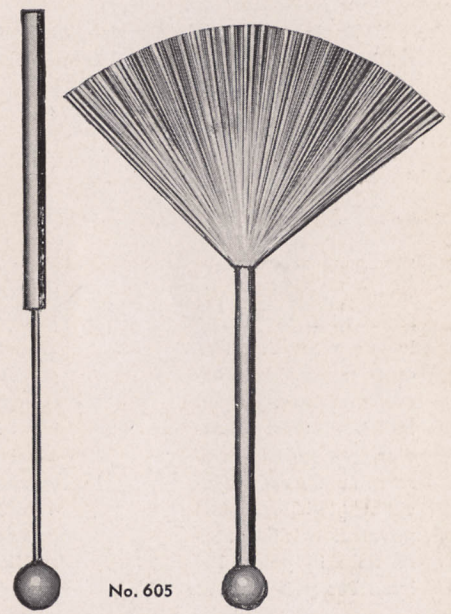
Here are the ideal telescoping wire brushes originally developed and perfected by Ludwig & Ludwig. Made in two styles, one with wire loop ends and the other with ball ends. Both types of brushes are made with best grade, thin-gauge, rust-proof piano steel wire obtainable. These wires are now securely fastened to a steel wire rod by a new improved method which assures permanency. All Ludwig & Ludwig wire brushes are absolutely guaranteed to give complete satisfaction and should not be confused with ordinary telescope handle wire brushes.

No. 630—Aluminum Handle Synco-Jazz Brushes, with wire loop ends. Per pair\$0.60

No. 605—Nickel plated Brass Handle Synco-Jazz Brushes, with ball ends. Per pair75



No. 630



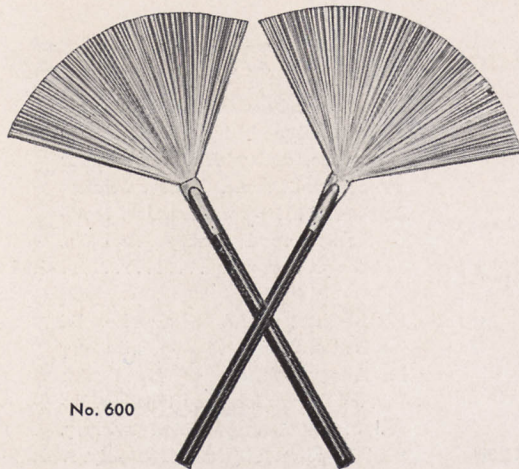
No. 605

"Fixed" Wire Synco- Jazz Brushes

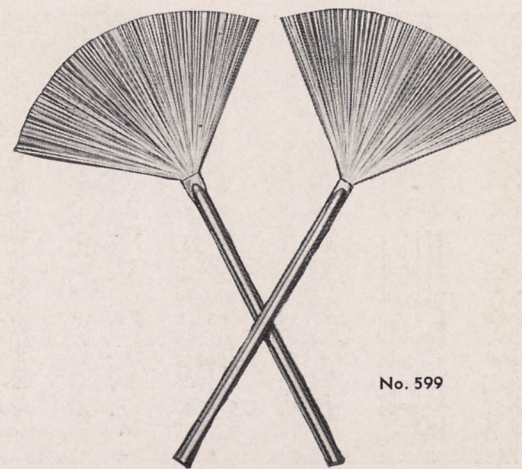
For the drummer who likes the fixed wire brushes best, here are two items that are tops. Strong, durable, and correct in weight and design these brushes enable you to beat out the modern rhythms with complete assurance. Wires are the finest quality, thin-gauge, rust-proof piano steel wire, securely fastened in a fixed position to wood or aluminum handles, as you may choose. Aluminum handles are natural finish. Wood handles are finished in a black lacquer.

No. 600—Fixed Wire Synco-Jazz Brushes, with black lacquered wood handle. Per pair\$0.60

No. 599—Fixed Wire Synco-Jazz Brushes, with aluminum handles. Per pair75



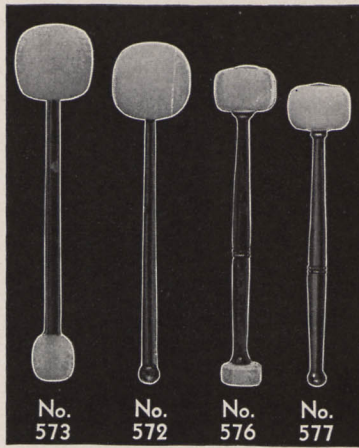
No. 600



No. 599

Ludwig & Ludwig Bass Drum Sticks

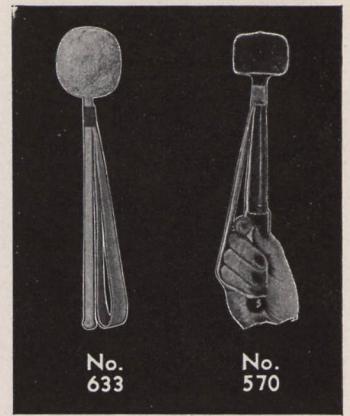
A good bass drum stick will improve the sound of the best bass drum made. The Ludwig Bass Drum Sticks illustrated and listed here are hand-made of the finest materials obtainable. Handles are straight-grained hickory, and balls are natural lamb's wool, or best grade Spanish felt.



- No. 573—Double End Concert Model. Natural lamb's wool ball of a size and weight to bring out full resonant tone. Hickory handles. Each\$3.00
- No. 572—Single End Concert Model. Lamb's wool ball for full resonant tone. Hickory handles. Each 2.50
- No. 576—Double End Model. Genuine Spanish felt balls for tremendous volume in large band work. Heads held by two metal retainers. Hickory handles in natural finish. Each 2.00
- No. 577—Single End Model. Spanish felt ball held by two metal retainers. Hickory handles in natural finish. Used for great volume. Each 1.75

Ludwig & Ludwig Parade Model Bass Drum Sticks

The marching band and Drum Corps requires bass drum sticks other than the concert models shown to the left. Ludwig parade model bass drum sticks are carefully made of the finest available materials, and are designed to bring out the best tone of the drum. Each model shown here is intended for a special purpose.



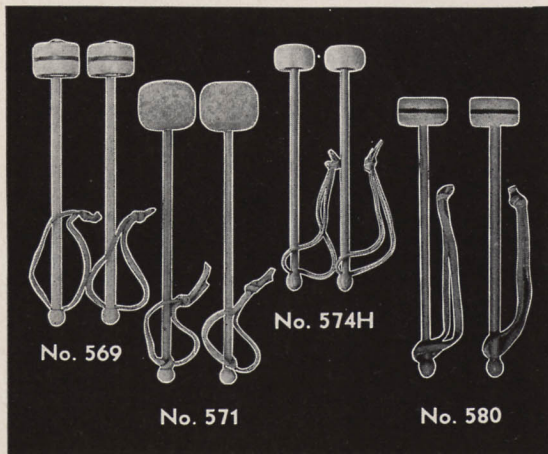
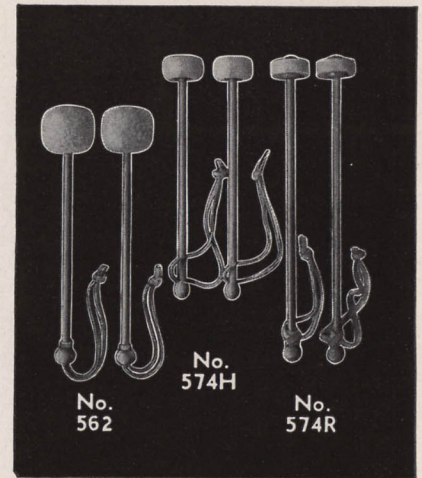
- No. 633—Fine quality lamb's wool over a medium felt inner ball. Strong, straight grained hickory handles with a leather sling that permits a free, easy swing that will not tire. Ideal for soft, resonant "boom" tones. Each\$2.50
- No. 570—Finest quality solid felt ball with two metal retaining washers. Strong, straight-grained hickory handles with soft lamb's wool grip that prevents hands from blistering, and leather sling for full, easy swing. Used for solid, decisive blows. Each 3.00

Ludwig & Ludwig Tenor Drum Sticks

No. 562—This is a widely popular short model stick with the large lamb's wool ball that gives a sustained Tenor Drum tone. Turned ball-end hickory handles equipped with rawhide thongs to facilitate twirling. Most practical twirling model. Sold in pairs, 12" long. Per pair\$2.75

No. 574H—Solid felt balls held by two metal retaining washers to turned ball-end hickory handles. Leather thongs for easy twirling. Ideal for junior or adult corps work because of their extreme durability. Splendid for practice purposes, also. Sold in pairs, 11" long. Per pair\$2.25

No. 574R—Made with a slightly lighter felt ball than the No. 574H. Flexible rattan handles with ball-ends and leather thongs for flashy beats. Finest materials throughout and handsomely finished. A popular model. Sold in pairs, 14" long. Per pair\$2.25



Ludwig & Ludwig Scotch Bass Drum Sticks

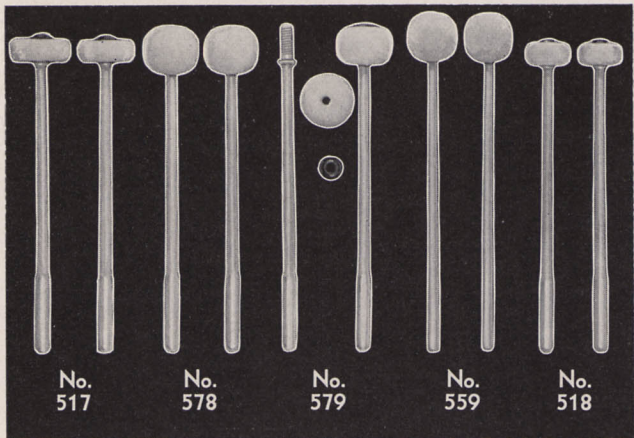
No. 569—Three layers of felt securely held by two metal retaining washers to turned ball-end hickory handles with leather thongs for easy twirling. Sturdy, handsomely finished and warranted to give satisfaction. Sold in pairs, 13½" long. Per pair...\$3.50

No. 580—Scotch bass drum beater especially designed for Junior Drum Corps use, and with Ludwig Junior Scotch Bass Drums. Correct balance and weight. Hickory handles, leather thongs, good quality felt balls. 12" long. Per pair\$2.25

No. 571—Lamb's wool covered felt ball for sustained tones. Handles are finest flexible rattan with turned ball ends and rawhide thongs for flash. Correctly balanced and weighted. Sold in pairs, 14½" long. Per pair...\$4.00

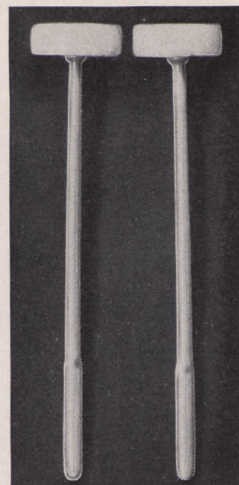
No. 574H—Short model stick with solid felt ball and turned ball-end hickory handles which are equipped with leather thongs for easy twirling. Excellent for fast exhibition twirling. Sold in pairs, 11" long. Per pair...\$2.25

Ludwig & Ludwig Tympani Sticks



All Ludwig Tympani Sticks are hand-made of select, close grained hickory, finest quality felt lamb's wool, and are correctly balanced, properly weighted, and carefully assembled. Satisfaction is assured.

- No. 517—Oscar Schwar. Removable disc ball. Per pair\$4.00
- No. 578—Standard Model for general all around work. Per pair 2.75
- No. 579—Jos. Zettelman Model. Demountable heads. Per pair 2.75
- No. 559—Lamb's wool. Good all around model. Per pair 2.75
- No. 518—Solid Felt. Per pair 1.75
- No. 560—School model tympani sticks. Hickory handles, strong, correctly balanced, cores covered with fine quality Spanish felt. For general all-around work. Per pair 2.00



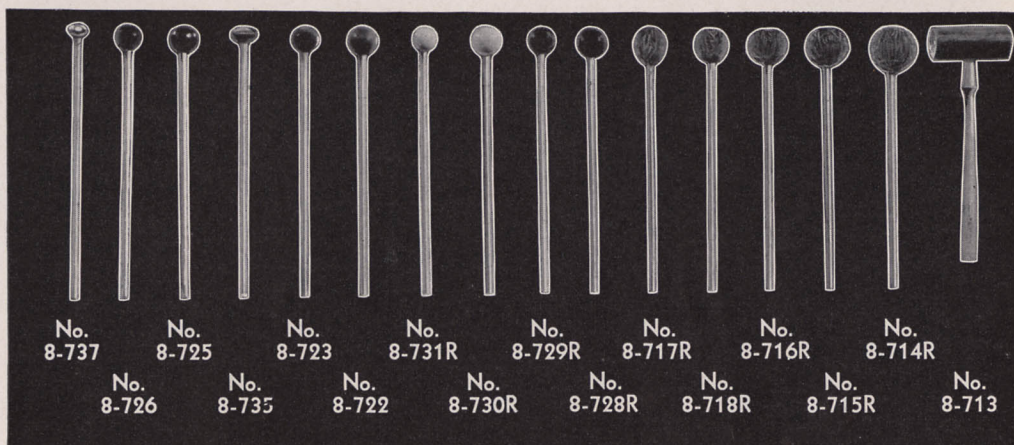
No. 560

The Importance of Using Proper Mallets

The bars of any mallet instrument usually represent about half the cost of the entire instrument, due to the great amount of time and labor required to insure proper tuning. So it is important that you use every care and precaution to avoid damaging the bars.

Metal bars (of Vibra-Celeste, Lu-Mellow Bells, and Bell-Lyra) can be "pounded" flat, or in some cases the bar can be fractured through using improper mallets. Don't use brass or any kind of metal mallets on aluminum alloy bars. Yarn wound head mallets are best for the Vibra-Celeste, and special pyralin mallet for Lu-Mellow Bells or Bell-Lyra.

Vibra-Celeste, Bell and Xylophone Mallets



Handles Are Now Longer!

LUDWIG mallets offer a variety of styles to meet the requirements of the most discriminating artist. Only the highest quality materials are used, and workmanship is the finest. All handles are Rattan.

- Metal Head**
- No. 8-737—Nickel plated Bronze Head, per pair\$0.50
- Raw Hide Head**
- No. 8-733—1 1/8" Oval, Per pair\$2.00
- Soft Rubber Head**
- No. 8-723—1" Round, per pair\$0.60
- No. 8-735—1 1/8" Oval, per pair50
- No. 8-722—1 1/8" Round, per pair75
- Half Hard Rubber Head**
- No. 8-710R—1" Round, per pair\$0.60
- No. 8-711R—1 1/8" Round, per pair75
- Three-Quarter Hard Rubber Head**
- No. 8-729R—1" Round, per pair\$0.60
- No. 8-728R—1 1/8" Round, per pair75

Seven-Eighths Hard Pyralin Head

- No. 8-731R—1" Round, per pair\$1.25
- No. 8-730R—1 1/8" Round, per pair 1.50

Hard Rubber Head

- No. 8-726—1" Round, per pair\$0.80
- No. 8-725—1 1/8" Round, per pair 1.00

Yarn Wound Head

- No. 8-717R—1 1/8" head, per pair\$2.00
- No. 8-718R—1 1/4" head, per pair 2.00
- No. 8-716R—1 1/2" head, per pair 2.00
- No. 8-715R—1 3/4" head, per pair 2.00
- No. 8-714R—2" head, per pair 2.00

Orchestra Chimes Mallets

(Illustrated at extreme right)

- No. 8-713—1" Rawhide Head, for 1" Orchestra Chimes. Hickory Handle. Each\$2.25
- No. 8-712—1 1/2" Rawhide Head, for 1 1/2" Orchestra Chimes. Hickory Handle. Each 2.50

Regular Felt Mallets

- No. 8-705—1 1/4" ball. Soft solid felt practice mallets. Flexible reed handles. Pair\$1.00
- No. 8-706—1 1/2" ball. Hard Spanish felt Marimba mallets. Selected handles. Pair 1.50
- No. 8-707—1 3/4" ball. Soft solid felt Marimba mallets. Selected rattan handles. Pair 1.75

New Vibe "Swing" Mallets

Especially designed for modern "swing" vibra-celeste playing. Correct weight and 1 1/4" yarn wound heads on felt covered hard rubber core enable you to get in fast "hot licks" easily and with full tone. Sturdy, flexible rattan handles, 1 1/8" in diameter. You can really "swing out" with these mallets!

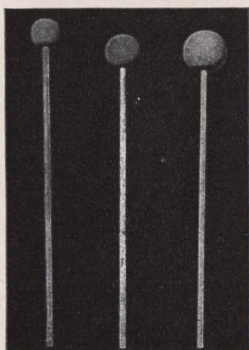
- No. 8-700—Ludwig Vibra-Celeste Mallets. Per pair. \$2.25



Best-Tone Marimba Mallets

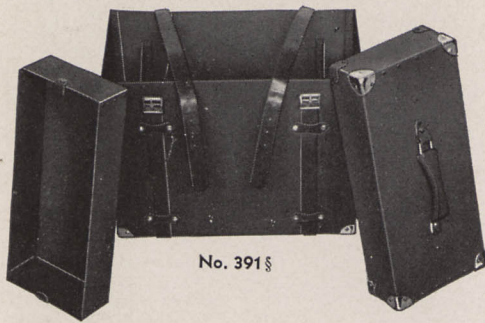
Felt has been specially treated to give easy instant response, better tone quality, and greater volume without forcing. Balls will retain their original shape indefinitely.

- No. 8702—1 1/4" ball. Best tone felt mallets. Per pair\$1.60
- No. 8703—1 3/8" ball. Best Tone felt mallets. Per pair 1.80
- No. 8704—1 1/2" ball. Best Tone felt mallets. Per pair 2.00



No. 8702 No. 8703 No. 8704

Ludwig & Ludwig Drum and Tom-Tom Cases



No. 391§

Hold-All Fibre Drum and Trap Case

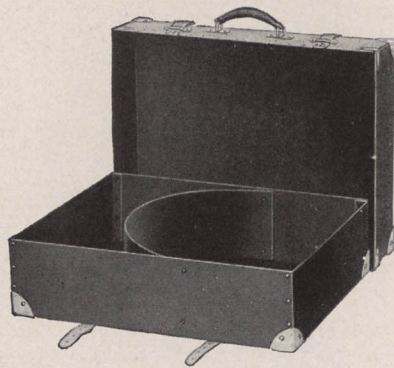
Sturdy fibre case, strongly riveted, holds snare drum and a multitude of traps. Two leather straps and strong handles. Nickel plated hardware.

- No. 391§—6½"x14" shell 15.00
- No. 392§—6½"x15" shell 15.00
- No. 393§—7"x14" shell 16.00
- No. 394§—8"x14" shell 17.00

Carry-All Telescope Cases

A popular type that holds a drum and a lot of traps. Made of strong fibre and equipped with quality hardware and leather straps.

- No. 278§—For 14" drum \$ 9.00
- No. 279§—For 15" drum 9.50
- No. 280§—For 16" drum 10.00



New Fibre Bass Drum Cases

Round telescope cases made of strong fibre adjustable for drums from 12" to 16" deep. Now enlarged to take drum with trap rail attached!

- No. 296§—For 26" diameter bass drum...\$25.20
- No. 297§—For 28" diameter bass drum... 27.00

- No. 298§—For 30" diameter bass drum 28.80
- No. 299§—For 32" diameter bass drum 30.60
- No. 300§—For 34" diameter bass drum 32.40

Fibre Drum and Tympani Head Protectors

Protects the heads when drum is not being used.

- No. 357§—For 25" tympani 1.50
- No. 358§—For 28" tympani 2.00



No. 277§

Double Compartment Case

This case will pack any size snare drum from 3"x14" to 8"x14" including Super-Ludwig models. Has two compartments for traps. Made of reinforced three-ply laminated board, flannel lined, with special lock and clasps. Black

Keratom covered with nickel plated hardware. Dimensions 24" long, 18" wide, 12" deep. Will also hold Hi-Sock Pedal.

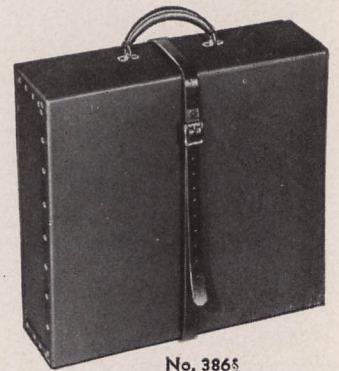
- No. 277§—Case as illustrated and described\$12.00

Square Fibre Orchestra Drum Case

(Practical for extension strainer drums)

Strong square telescope case made of best vulcanized fibre. Leather strap and sturdy handle.

- No. 386§—For 14" snare drum.\$6.00
- No. 387§—For 15" snare drum. 6.00
- No. 388§—For 16" snare drum. 6.00



No. 386§

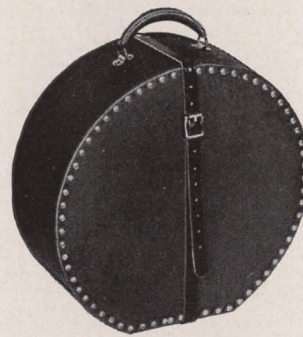
Round Fibre Cases

For Snare Drums

(Not suitable for extension strainer drums)

A round fibre drum case that will not roll. Made of strong vulcanized fibre with genuine leather strap and quality handle.

- No. 288§—For 14" snare drum ...\$7.00
- No. 289§—For 15" snare drum ... 7.00
- No. 290§—For 16" snare drum ... 7.00



For Tom Toms

- No. 70§— 7"x11"\$7.00
- No. 69§— 8"x12" 7.50
- No. 71§— 9"x13" 7.50
- No. 72§—12"x14" 8.00
- No. 73§—14"x16" (New size) 8.50
- No. 74§—16"x16" (Old size) 9.50

For Parade and Tenor Drums

- No. 80§—10"x14"\$8.00
- No. 81§—10"x15" 8.00
- No. 82§—12"x15" 8.00
- No. 83§—12"x16" 9.00
- No. 84§—12"x18" 9.00

Mackintosh Covers for Drums and Tunable Tom Toms

Snap Button or Pull Slide Fasteners

Mackintosh covers are an absolute necessity for every drummer. They protect drums and tom toms from dirt, dust, and dampness. Made of extra heavy, flannel lined, waterproof Mackintosh, strongly sewed with

reinforced seams. Available with either snap button or genuine Talon slide (zipper) fasteners. Covers with slide fasteners open and close in a jiffy—just zip the metal tab to open or close.

When ordering Mackintosh covers specify:

- 1—Actual size of drum shell
- 2—Model of drum for which cover is desired
- 3—Catalog number of cover, as listed below

With Snap Button Fasteners

For Snare Drums

No. 846—3½"x13" Junior drum	\$2.50
No. 835—5"x14" Standard, Universal or Pioneer drum	2.50
No. 803—5"x14" Super-Ludwig drum	3.25
No. 837—6½"x14" Standard or Pioneer drum	2.75
No. 806—6½"x14" Super-Ludwig drum ..	3.25
No. 857—7"x14" Standard Swing drum ..	2.75
No. 870—7"x14" Super-Ludwig Swing drum	3.50
No. 878—8"x14" Standard Swing drum ..	2.75
No. 871—8"x14" Super-Ludwig Swing drum	3.50
No. 838—6½"x15" Standard drum	3.00
No. 879—7"x15" Concert Band drum	3.00
No. 859—8"x15" Concert size drum	3.25

For Bass Drums

No. 802—8"x22"	\$ 4.25
No. 808—8"x24"	5.00
No. 809—12"x24"	5.25
No. 811—12"x26"	5.75
No. 812—14"x26"	5.75
No. 815—14"x28"	6.75
No. 818—14"x30"	7.25
No. 819—16"x30"	7.50
No. 823—16"x32"	8.00
No. 827—16"x34"	9.00
No. 800—16"x36"	10.00

For Tunable Tom Toms

No. 858—7"x11"	\$2.50	No. 855—12"x14"	\$3.50
No. 854—9"x13"	3.00	No. 856—14"x16"	4.25
No. 864—8"x12"	\$3.00		



With Genuine Talon Slide Fasteners

For Snare Drums

No. 1835—5"x14" Standard, Universal, or Pioneer drum	\$3.50
No. 1803—5"x14" Super-Ludwig drum ..	4.25
No. 1837—6½"x14" Standard or Pioneer drum	3.75
No. 1806—6½"x14" Super-Ludwig drum .	4.50
No. 1857—7"x14" Standard Swing drum.	3.75
No. 1870—7"x14" Super-Ludwig Swing drum	4.50
No. 1878—8"x14" Standard Swing drum.	3.75
No. 1871—8"x14" Super-Ludwig Swing drum	4.50
No. 1838—6½"x15" Standard drum	4.00
No. 1879—7"x15" Concert Band drum ..	4.00
No. 1859—8"x15" Concert size drum	4.25

For Bass Drums

No. 1802—8"x22"	\$ 6.25
No. 1808—8"x24"	7.00
No. 1809—12"x24"	7.25
No. 1811—12"x26"	7.75
No. 1812—14"x26"	7.75
No. 1815—14"x28"	8.75
No. 1818—14"x30"	9.25
No. 1819—16"x30"	9.50
No. 1823—16"x32"	10.00
No. 1827—16"x34"	11.00
No. 1800—16"x36"	12.00



For Parade Drums, Tenor Drums, and Scotch Bass Drums

Snap Button Fasteners

No. 877—\$2.50	7"x12" Juvenile Parade drum	(Not Made)
No. 880— 2.75	8"x13" Juvenile Cadet Parade drum	(Not Made)
No. 842— 3.00	10"x14" Junior and Junior Imperial Parade drum	No. 1842—\$4.00
No. 868— 3.25	9"x15" Combination Drum	No. 1868— 4.25
No. 840— 3.25	10"x15" Economy Parade drum and Junior Tenor drum	No. 1840— 4.25
No. 839— 3.50	12"x15" Parade drums	No. 1839— 4.50
No. 841— 3.50	12"x16" Parade drums	No. 1841— 4.50
No. 844— 4.00	12"x18" Tenor drum	No. 1844— 5.00
No. 808— 5.00	8"x24" Scotch Bass drum	No. 1808— 7.00
No. 884— 5.50	8"x26" Scotch Bass drum	No. 1884— 7.50
No. 883— 5.50	8"x28" Scotch Bass drum	No. 1883— 7.50
No. 881— 5.75	10"x28" Scotch Bass drum	No. 1881— 7.75
No. 882— 6.75	10"x30" Scotch Bass drum	No. 1882— 8.75
No. 817— 6.75	12"x30" Scotch Bass drum	No. 1817— 8.75

Talon Slide Fasteners



Order covers by actual size of DRUM SHELL ONLY. We make full allowance for hoops, rods, etc.

Ludwig & Ludwig Guaranteed Quality Drum Heads

Drum Heads Are Important

The heads of a drum play an important part in the tone quality, volume and playing ease of a drum, and the drummer who chooses wisely in the all-important selection of heads is amply rewarded for his care, and the few cents additional that quality heads cost.

The Ludwig Quality Guarantee is attached to every head that leaves the Ludwig factory. It is your assurance that the head is the finest quality calfskin obtainable, that it is made by skilled workmen in the world's largest and most modern drum head plant by the most scientific methods known.

All Ludwig Drum Heads are carefully examined for defects before they are shipped. When you buy a Ludwig head examine it carefully, and if you are not satisfied with it in every way return it, stating your objections, and if we are unable to select another head that is satisfactory we will refund your money. Heads cannot be exchanged, however, after they have been wet or used.

Instructions for tucking drum heads are included on the reverse side of the Ludwig Quality Guarantee sticker for those who tuck their drum heads.

Tom Tom Heads

(Finest Calfskin, Tucked on Hoop)

No. 734—For 7"x11" Tom Tom	..... \$2.50
No. 735—For 8"x12" Tom Tom	..... 3.00
No. 736—For 9"x13" Tom Tom	..... 3.00
No. 737—For 12"x14" Tom Tom	..... 3.50
No. 738—For 14"x16" Tom Tom	..... 4.25



Standard First Quality LUDWIG WHITECALF HEADS

These are smooth, white, hard heads that play well and sound well. Cured without the use of chemicals and therefore unusually durable.

Snare Drum—Batter Side Only

No. 909—17" for 13" drum	..... \$ 2.60
No. 910—18" for 14" drum	..... 3.00
No. 911—19" for 15" drum	..... 3.40
No. 912—20" for 16" drum	..... 3.70
No. 913—21" for 17" drum	..... 4.00
No. 914—22" for 18" drum	..... 4.50

For Bass Drum

No. 607—28" for 24" drum	..... \$ 6.00
No. 608—30" for 26" drum	..... 7.00
No. 609—32" for 28" drum	..... 8.00
No. 610—34" for 30" drum	..... 9.00
No. 611—36" for 32" drum	..... 10.25
No. 612—38" for 34" drum	..... 11.50
No. 613—40" for 36" drum	..... 12.50

Made In World's Finest Drum Head Plant

Ludwig operates the world's largest and finest drum and banjo head plant and is the leading maker of drum and banjo heads. Because we are the largest buyers of head skins we are privileged to select out calfskins from the central storage cellars of the Chicago Stockyards,—clean, perfect, flawless skins.

These skins are then processed by skilled workmen under the latest and most approved formula, worked by hand and the aid of the most modern machines, and finally inspected for possible flaws in materials and workmanship before they are ready for stock,—the finest quality drum and banjo heads obtainable on the market at any price.

Look For The Trademark

Every genuine "Ludwig & Ludwig Selected," "Ludwig Whitecalf," "L. & L. Crown-Head" and "Ludwig Vellour" drum and tympani, and banjo head carries its respective name indelibly stamped in a prominent place. This trademark insures and safeguards you against deception. Buy Factory Mounted Heads.



Crown Head TRANSPARENT HEADS

These are 100% transparent heads made from "slunk" calfskins. Clear, flawless and finished in their natural state, they are unusually durable, resilient and sensitive. There is no finer transparent head made than CROWN-HEAD.

For Snare Side Only

No. 919—17" for 13" drum	..... \$2.00
No. 920—18" for 14" drum	..... 2.25
No. 921—19" for 15" drum	..... 2.55
No. 922—20" for 16" drum	..... 2.85
No. 923—21" for 17" drum	..... 3.15
No. 924—22" for 18" drum	..... 3.40

For Batter Side Only

No. 899—17" for 13" drum	..... \$2.00
No. 900—18" for 14" drum	..... 2.25
No. 901—19" for 15" drum	..... 2.55
No. 902—20" for 16" drum	..... 2.85
No. 903—21" for 17" drum	..... 3.15
No. 904—22" for 18" drum	..... 3.40

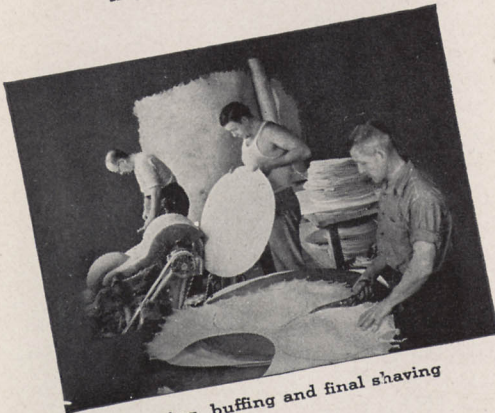
Owing to fluctuations in the cost of raw skins we cannot guarantee head prices. Prices are therefore subject to change without notice.



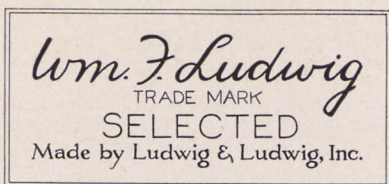
Stretching selected calfskins for Ludwig & Ludwig drum heads.



Shaving the skins—a delicate and important operation.



Cutting, buffing and final shaving of heads.



**LUDWIG & LUDWIG
SELECTED QUALITY HEADS**

These **SELECTED QUALITY** heads are tight-fibred, smooth, white and hard. They bring out the best tone of the drum and give the sticks a greater rebound making any drum an easier playing instrument.

Snare Drum—Batter Side Only

No. 3909—17" for 13" drum	\$ 3.20
No. 3910—18" for 14" drum	3.60
No. 3911—19" for 15" drum	4.00
No. 3912—20" for 16" drum	4.30
No. 3913—21" for 17" drum	4.60
No. 3914—22" for 18" drum	5.00

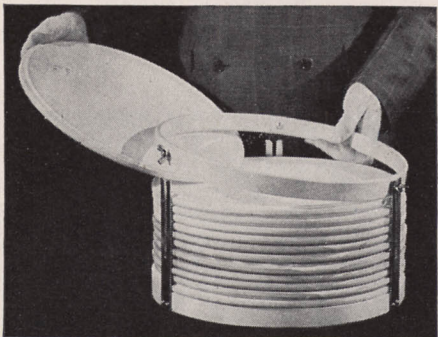
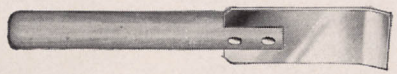
For Bass Drum

No. 3607—28" for 24" drum	\$ 7.50
No. 3608—30" for 26" drum	8.50
No. 3609—32" for 28" drum	9.50
No. 3610—34" for 30" drum	10.50
No. 3611—36" for 32" drum	11.75
No. 3612—38" for 34" drum	13.00
No. 3613—40" for 36" drum	14.00

Flesh Hoop and Head Tucking Prices

No. 640—Flesh Hoop for Snare Drum	\$0.40
(State whether Batter or Snare Side)	
No. 650—Tucking Snare Drum Head on wood flesh hoop	.30
No. 641—Flesh Hoop for Bass Drum	.80
(State Shell Size, also age and make of drum).	
No. 652—Tucking Bass Drum Head	.75
No. 642—Flesh Hoop for Tympani	3.00
(State Kettle Size).	
No. 651—Tucking Tympani Head	1.50
No. 905§—Head tucking tool	1.00

**HEAD TUCKING
TOOL
No. 905§**



**Combination
Head Press
and
Retainer**

Here's another **FIRST** for Ludwig & Ludwig, Inc., especially designed to help dealers stock and **SELL** mounted drum heads. Holds a full dozen mount-

ed drum heads, enabling dealers to carry a quantity of factory mounted heads in stock, available for prompt replacement sales. Takes up very little room. Can be placed on your stock shelves, in a large bin, or available in your repair department. Keeps the heads on hoops straight and round without danger of warping.

Illustration shows how easy it is to use. Just loosen the three screws in the top hoop, pull out the head, replace the hoop and tighten the screws. Simple—easy—efficient. Carried in stock in 14" and 15" diameters for immediate shipment. Other diameters on special order.

No. 726—Combination Head Press and Retainer\$3.00
(Specify diameter wanted—14" or 15")

SPECIAL OFFER: With an order for twelve (12) mounted heads ... 2.00

Owing to the fluctuation in the cost of raw skins, we cannot guarantee head prices. Prices are therefore subject to change without notice.



**SELECTED CROWN HEADS
(For Snare Side)**

100% transparent heads made from "slunk" calfskins. Selected for quality and uniformity. Extra thin; recommended for professional use.

No. 3900—17"	\$2.50
No. 3901—18"	2.75
No. 3902—19"	3.05
No. 3903—20"	3.40
No. 3904—21"	3.75
No. 3905—22"	4.10



**"LUDWIG VELLOUR"
Tympani Heads**

Uniform in texture, smooth, tight-fibred and damp resisting, Ludwig Vellour tympani heads will give greater satisfaction and finer tympani tone than any competing head on the market under any and all conditions. Quality heads are highly essential to obtaining the desired true, fine tympani tone demanded by the professional player.

No. 620—28" for 23" tympani	\$ 7.50
No. 621—30" for 24" tympani	8.00
No. 618—31" for 25" tympani	8.50
No. 622—32" for 26" tympani	9.00
No. 623—33" for 27" tympani	9.50
No. 624—34" for 28" tympani	10.00
No. 619—35" for 29" tympani	10.50
No. 625—36" for 30" tympani	11.00

BUY FACTORY MOUNTED HEADS

Special Ludwig factory equipment enables us to tuck heads more evenly and firmly. This insures longer wear; heads do not pull down so easily, and tone is greatly improved. No. 653 Combination Offer of Ludwig factory tucked heads on Ludwig wood flesh hoops (for snare drum). **SPECIAL 60c** at only.....

(Head Extra)

**LUDWIG & LUDWIG SELECTED
Unmounted Banjo Heads**

These are the same heads as those described above but are *unmounted*. Insist on Ludwig & Ludwig Selected banjo heads.

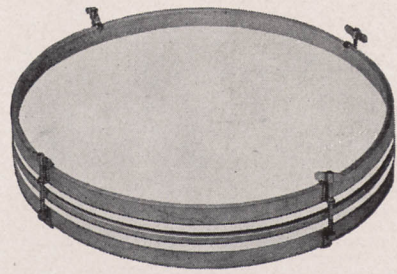
No. 3894—12" for 9" banjo	\$2.75
No. 3895—13" for 10" banjo	3.00
No. 3896—14" for 11" banjo	3.25
No. 5896§—Head tucked on hoop	5.50

WHITECALF

Unmounted Banjo Heads

These are fine quality, smooth, white, hard banjo heads that will give long service and satisfaction.

No. 894—12" for 9" banjo	\$2.00
No. 895—13" for 10" banjo	2.25
No. 896—14" for 11" banjo	2.50



Drum Head Retainer

Holds two extra drum heads already tucked on hoops ready for instant use. Prevents the flesh hoops from warping and keeps the heads as perfectly as if they were on your drum. State shell diameter when ordering.

No. 626—Retainer (does not include heads or flesh hoops)\$2.00

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE



LOU SMALL, prominent percussion and mallet instrument teacher and professional artist, now leading own swing trio in Long Beach, L. I. Ludwig & Ludwig equipped.



HAROLD DALLAS, fine mallet instrument artist, formerly with Xavier Cugat, Raymond Paige, and Columbia Studio, Hollywood. A Ludwig & Ludwig user.



DICK MAXFIELD, 1940 Region three national 1st division winner on marimba and drum. Pupil of Harvey Firestone, Elkhart, Indiana. Ludwig & Ludwig equipped.



BILL FRAMBES, with his Ludwig & Ludwig Vibra Celeste, which he featured in MGM pictures, "Maytime" and "Kid Millions." From Los Angeles, California.



BEVERLY ANN WELCH, child prodigy of Baltimore, Md. Featured in Universal's "Merry Go Round of 1938" when only 5 years old. Uses Ludwig & Ludwig Apollo Grand Marimba.



PAULA HAGA, petite Miss from Oak Park, Ill. A pupil of outstanding ability, guided by Joseph Kalabza. Ludwig & Ludwig equipped.



JOSEPH F. KALABZA, prominent Chicago drum and mallet instrument artist and teacher. An enthusiastic user and booster for Ludwig & Ludwig equipment.



RUSSELL BALTZELL, rising young Chicago mallet star, studying with Joseph Kalabza. Ludwig & Ludwig equipped.

The World's Finest and Most Beautiful Mallet Played Instruments

Fittingly named Apollo, after the ancient Greek god of beauty and music, the sensational new line of Ludwig mallet played instruments with their gracefully arched resonators, stronger streamlined stands, and attractive ivory and gold two-tone finish are unquestionably the world's finest!

They are completely new from end to end, embodying a new principle of assembly which makes them a joy to set up or take down. You can set up any Apollo instrument in less than two minutes!

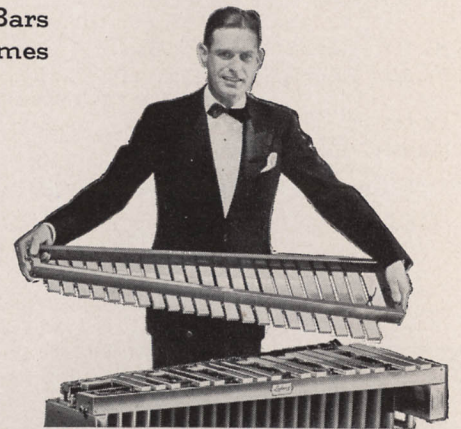
All models are scientifically tuned to low (A-440) pitch with the Conn Chromatic Stroboscope, absolute assurance of perfect tuning and absolutely accurate scale!

Despite the many superior features of Apollo mallet played instruments you'll find them very moderately priced—considerably less than you would expect to pay for such supreme musical quality.

New this year is the 2½-octave Apollo Vibra-Celeste, produced in response to a widespread demand for a smaller "vibe" especially suitable for jobbing drummers to whom small size and light weight are essential requirements.

Apollo Vibra-Celeste Bars Remain Fixed on Frames

An exceptional feature of the new Ludwig Apollo Vibra-Celeste—and one that will appeal to every player—is that the bars remain fixed on the frames. This eliminates any rolling up or stringing of bars, and is one of the reasons why this sensational new vibra-celeste can be assembled or knocked down in less than two minutes. Moreover, this method prevents the bars from being damaged when packed in the carrying cases.



A. ZIPPERSTEIN, one of Chicago's leading teachers of mallet instruments. Also an exceptionally fine drummer, and loyal as a Ludwig & Ludwig user and booster.

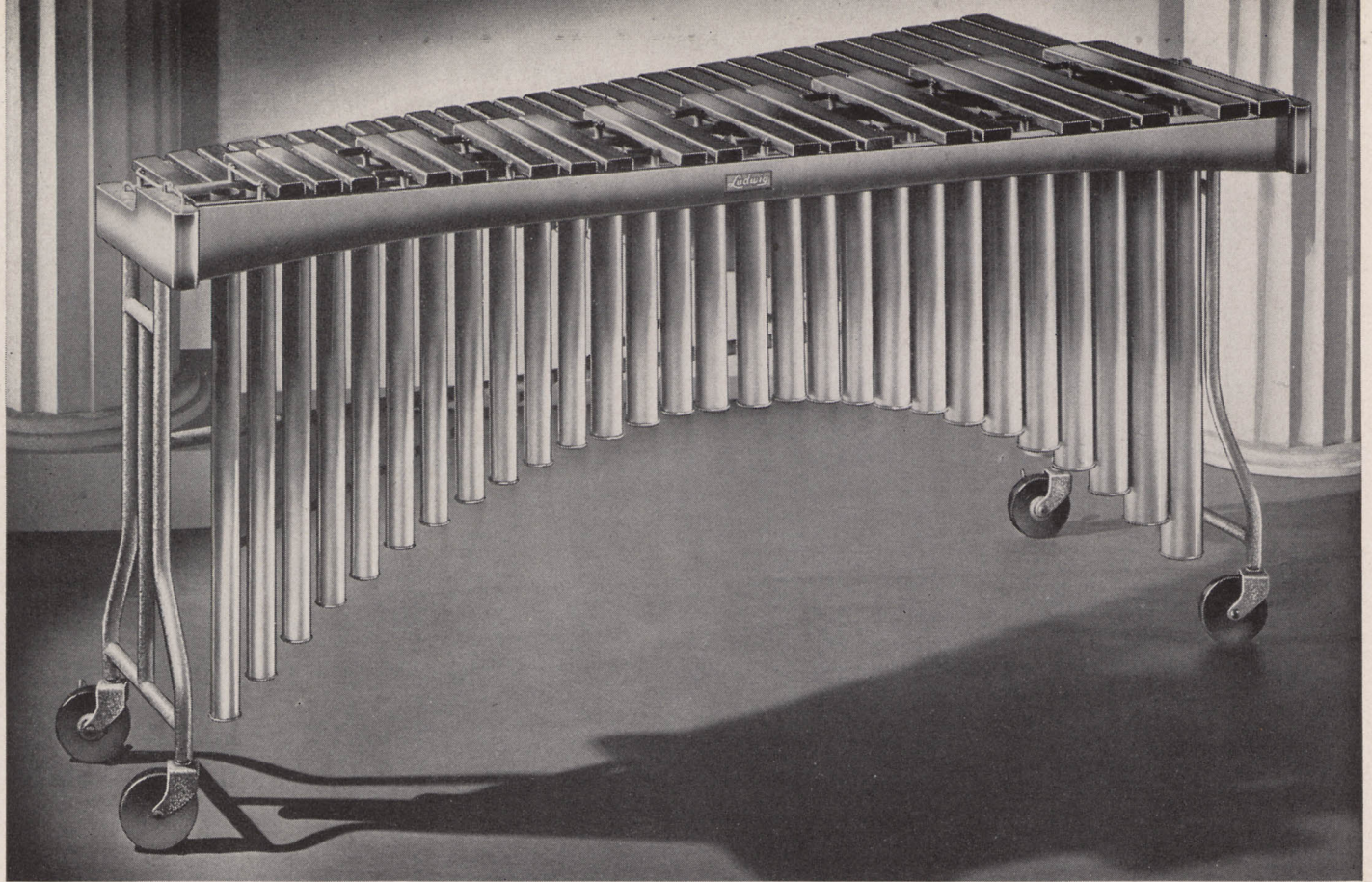


RED SAUNDERS, leader of own band at the Club De Lisa, Chicago, does his "out of this world" swing on his Ludwig & Ludwig Apollo Vibra-Celeste.



HOWARD "CHIEF" McELROY, drummer-director, own orchestra, playing Zephyr Nite Club, St. Paul, Minn. Uses new Ludwig & Ludwig Apollo Xylophone.

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE



The New Ludwig & Ludwig APOLLO GRAND Marimba

- Entirely New Design • Improved Tonal Qualities • Scientifically Tuned •
- New, Stronger Stands • Split Frames and Resonators • Really Portable •
- Full Suspension Mounted Bars • New Two-Tone Enamel Finish •

COMPLETELY new in design from end to end, embodying a new principle of assembly eliminating many screws, bolts, wingnuts, and other small bothersome parts, scientifically tuned with vastly improved tonal qualities, and finished in a new and beautiful two-tone enamel finish, the Ludwig APOLLO GRAND offers you everything you could ask for in a marimba—and at an amazingly moderate price!

The full suspension cord mounting of bars on sturdy, rubber-covered metal support posts permits fullest vibration of each bar, from the lowest to the highest. The lower register is surpassingly rich and mellow due to larger resonator construction and scientific tuning process.

Bars are of natural finish first quality Honduras rosewood, guaranteed to be seasoned and dry kilned for a period of not less than ten years. They are scientifically tuned to low (A-440) pitch with the Chromatic Stroboscope, most modern, scientifically accurate tuning device known.

The APOLLO GRAND is a joy to set up! It embodies a new principle of assembly which eliminates many screws, bolts, wing nuts, and other small, bothersome parts, so that this new model can be assembled or knocked down in less than two minutes!

The black and white illustration cannot give you a full appreciation of its beauty—the sweeping curve of the resonators which, with the stand, are finished by a scientific process in a beautiful two-tone enamel finish of gleaming gold and rich ivory. The sturdy stands are also finished in enamel in harmony with the resonators and frame.



Four solid rubber composition wheels are standard equipment. The two wheels nearest the player are equipped with a positive braking device operated by a slight pressure of the foot. Mallets are included with the instrument.

No. 8364—Ludwig APOLLO GRAND Marimba, 4 octaves, C-28 to C-76. 49 bars, 2 1/8" to 1 1/2" wide by 3/4" thick. Length 66". Width at lower end 33". Height, 34". Weight, 85 lbs. **\$217.50**

No. 8362—Ludwig APOLLO Marimba, 3 1/2 octaves, F-33 to C-76. 44 bars, 2" to 1 1/2" wide by 3/4" thick. Length, 58". Width at lower end, 31". Height, 34". Weight, 77 lbs. **\$207.50**

For other than ivory and gold enamel finish, special colors **\$15.00** Extra
For special color enamel finish, other than ivory and gold, and choice of pearl on wood frame **\$25.00** Extra

No. 8365†—Two fibre hand carrying cases for No. 8364 APOLLO GRAND marimba **\$45.00**

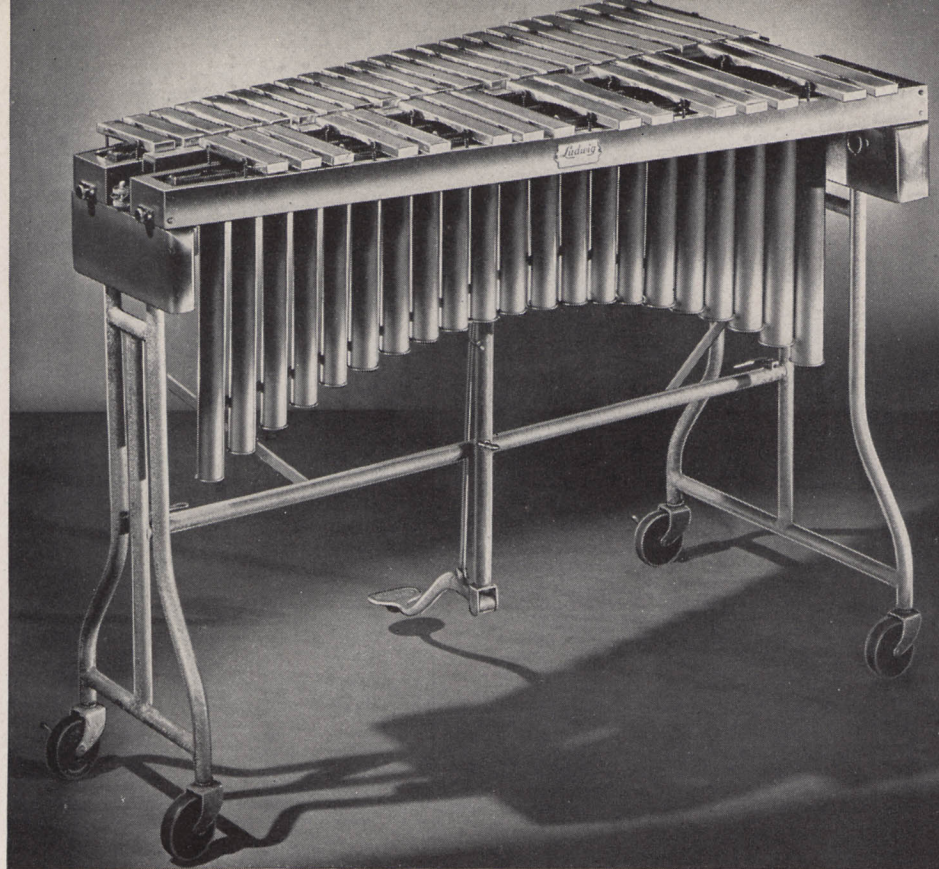
No. 8363†—Two fibre hand carrying cases for No. 8362 APOLLO marimba **40.00**

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE



Ludwig & Ludwig APOLLO GRAND Vibra-Celeste

Gracefully Arched Resonators
New Stronger Stands
Positive Damper Control
Finest Alloy Aluminum
Bars Fixed on Frames
Compact and Portable
New Two-Tone Finish
Assembled or Knocked Down
in Two Minutes



THE APOLLO GRAND Vibra-Celeste is entirely new in design from end to end. It embodies a new principle of assembly which eliminates many screws, bolts, wing-nuts, and other small bothersome parts so that this new model can be assembled or knocked down in less than two minutes! In appearance, too, you'll find the APOLLO GRAND Vibra-Celeste distinctively different. It is made with gracefully arched resonators, stronger streamlined stands, and finished in a new and beautiful two-tone enamel finish of rich ivory and gold.

The APOLLO GRAND Vibra-Celeste is equipped with a mercury switch on the motor, which is 100% noiseless, an especially desirable feature when broadcasting or recording. Motor operates on AC current only.

The gleaming, highly polished bars of the APOLLO GRAND are of finest aluminum alloy developed especially for hardness, tonal quality, and trueness of pitch. They are accurately tuned and true in pitch by the Chromatic Stroboscope—the most modern and accurate scientific tuning device known. Bars remain fixed to the frames for ease in setting up or knocking down the instrument, and also for convenience in pack-

ing. The damper control is rigid, yet adjustable, and is absolutely positive in action.

Equipped with four solid rubber composition wheels. The two wheels nearest the player are equipped with a positive braking device operated by a slight pressure of the foot. Selected mallets are included with the instrument.

No. 8-120—Ludwig APOLLO GRAND Vibra-Celeste, 3 octaves, C-40 to C-76, 37 bars, 1½" to 1¼" wide, by ½" thick. Length, 45". Width at lower end, 22". Weight, 73 lbs. Two-tone ivory and gold enamel finish **\$275**

Supplied with universal AC-DC motor \$5.00 Net Extra

No. 8-119—Converter for AC motor \$24.00 Extra

No. 8-620†—Two fibre hand carrying cases for No. 8-120 LUDWIG APOLLO GRAND Vibra-Celesta \$37.50

For any other two-tone enamel colors, on special order only \$15.00 Extra

For special color enamel finish (other than ivory and gold) on stand and choice of Ludwig Pearl on wood frames \$25.00 Extra

Apollo 2½ Octave Vibra-Celeste

THE ideal Vibra-Celeste for jobbing drummers because of its small size and light weight. Assembled or knocked down in less than two minutes due to the new principle of assembly which eliminates many screws, bolts, wing nuts, and other small bothersome parts.

Strong and durable construction features the same as the larger APOLLO GRAND model. The damper control is EXACTLY THE SAME as on the APOLLO GRAND—strong and rigid, yet adjustable to your individual needs, and is absolutely positive in action. Equipped with metal resonators. Bars are of finest alloyed aluminum, highly polished, accurately tuned and true in pitch. Bars remain fixed to the frames for ease in setting up or knocking down the instrument, and also for convenience in packing. Motor operates on AC current only.

Equipped with four solid rubber composition wheels. The two wheels nearest the players are equipped with a positive braking device operated by a slight pressure of the foot. Selected mallets are included with the instrument.

No. 8-121—Ludwig APOLLO Vibra-Celeste, 2½ octaves, C-40 to F-69, 30 bars, 1½" to 1¼" wide, by ½" thick. Length, 38". Width at lower end, 22". Weight, 62 lbs. Stand finished in gold enamel with frames, and resonators in rich ivory **\$215**

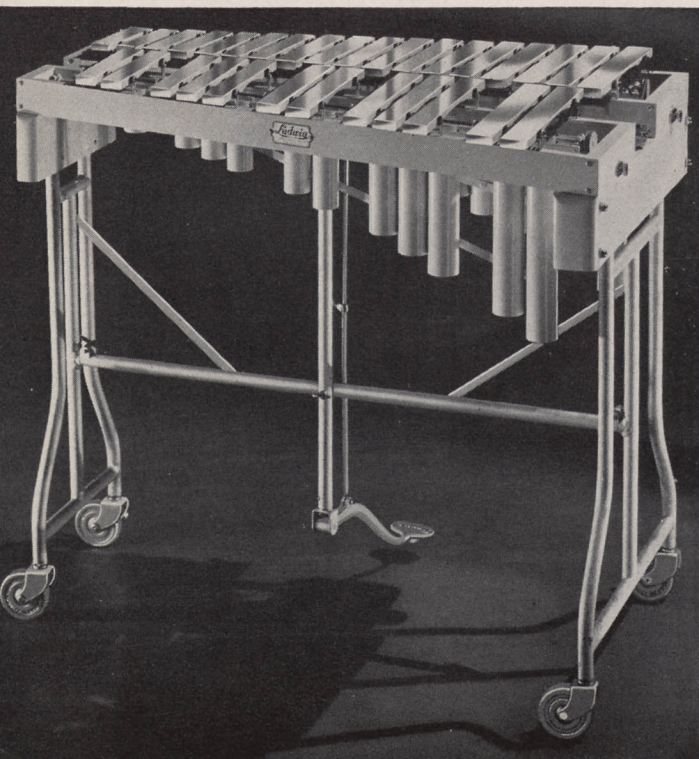
Supplied with universal AC-DC motor \$5.00 Net Extra

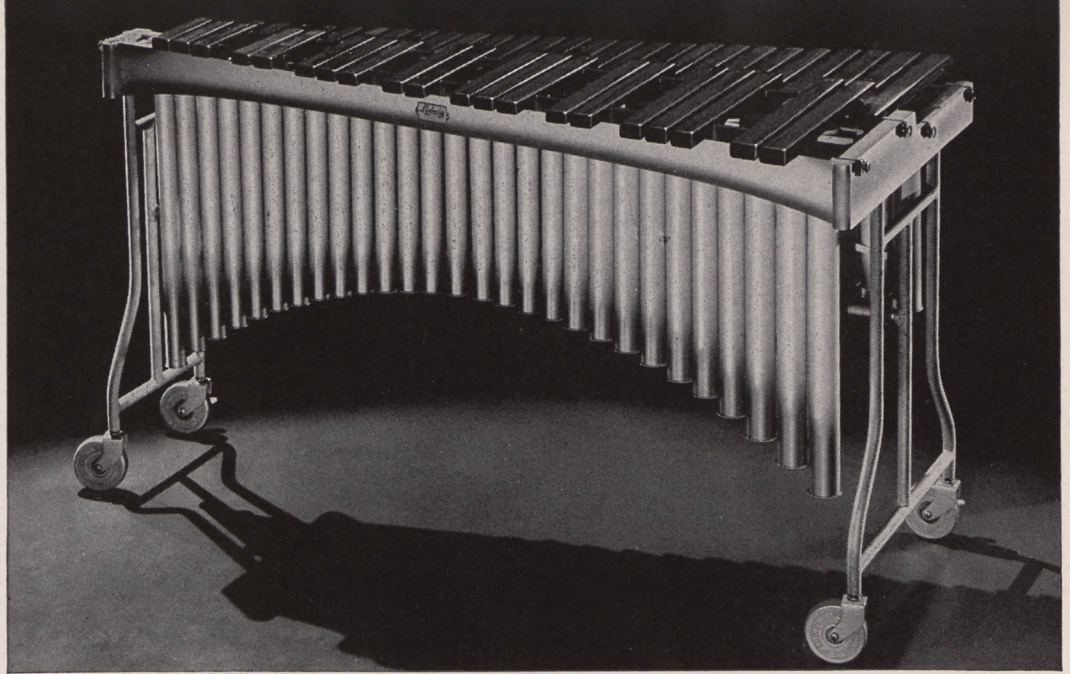
No. 8-119—Converter for AC motor \$24.00 Extra

No. 8-621†—Two fibre carrying cases for No. 8-121 Ludwig APOLLO Vibra-Celeste \$35.00

For any other enamel colors, on special order only \$15.00 Extra

For special color enamel finish on stand and resonators and choice of Ludwig Pearl on wood frames \$25.00 Extra





The New Ludwig & Ludwig APOLLO GRAND Xylophone

Entirely New Design • New Two-Tone Enamel Finish • New, Stronger Stands
Improved Tonal Qualities • Quickly Assembled • Scientifically Tuned

In the striking beauty of its new design stands and two-tone enamel finish of gleaming gold and rich ivory the Ludwig APOLLO GRAND Xylophone stands supreme among mallet-played instruments. It is an instrument worthy of the finest artist, offering him every desired feature of tone, volume, ease of assembly, and 100% portability.

The natural finish, first quality Honduras rosewood bars have full suspension cord mounting which assures full vibration of each bar, from

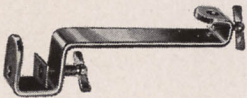
the lowest to the highest. The larger resonator construction gives surpassingly rich and full tone.

The Ludwig APOLLO GRAND Xylophone embodies a new assembly principle which eliminates many screws, bolts, wing nuts, and other small, bothersome parts. You can set up this new model, or take it down for packing in the two carrying cases, in less than two minutes!

Equipped with four solid rubber composition wheels—two with brakes. Mallets included with the instrument.

Music Rack Holder

Here's something every mallet instrument player has always wanted—a holder for the music rack which puts the music right in front of the player within easy reading distance. Holder clamps securely to the under edge of the xylophone, marimba, or vibra-celeste frame. The music rack post is inserted into the holder, adjusted to the desired height, and held firmly in place by a wing screw bolt.



No. 8-615 —Nickel plated\$1.00
No. 8-615K—Chromium plated .. 1.50

No. 8-879—APOLLO GRAND Xylophone, 4 octaves, C-40 to C-88, 49 bars, 1½" wide by 7/8" thick. Length, 60". Width at lower end, 30". Height, 34". Weight 80 lbs. . . . **\$220.00**

No. 8-880—Ludwig APOLLO Xylophone, 3½ octaves, F-45 to C-88, 44 bars, 1½" wide by 7/8" thick. Length, 54". Width at lower end, 28". Height, 34". Weight, 72 lbs. . . . **\$200.00**

No. 8-679†—Two Vulcanized Fibre Carrying Cases for No. 8-879 ..\$40.00

No. 8-680†—Two Vulcanized Fibre Carrying Cases for No. 8-880 .. 35.00

Ludwig & Ludwig Special-Lite Xylophone

Splendid tone, excellent volume and remarkable carrying power, together with small size and light weight, recommend this model to the jobbing drummer who must necessarily consider portability as well as musical qualities. The sturdy, rigid stand is accurately machined, and beautifully finished in Chromium. Extension legs are supplied for use in a standing position. Bars are selected genuine Honduras Rosewood accurately tuned and finished in their natural grain. Cushion felt bar mounting. One piece frames finished in lustrous black lacquer. Aluminum resonators are highly polished. Selected mallets included.

No. 8-835—3 Octaves, C to C. Bars 1¼" wide by ¾" thick. Length, 36". Width at lower end, 22". Height, 25". Height at extension legs, 33". Weight, 24 lbs. With case, 33 lbs.\$90.00

No. 8-613†—Fibre Carrying Case for above\$10.00 Extra



Ludwig & Ludwig Lu-Mellow Bells

These are the finest of all orchestra bells because they are sweeter, clearer, and truer in tone than any that have been known heretofore. Bars are tempered aluminum alloy which minimizes the sound of the mallet's impact on the metal. Harsh overtones are practically eliminated, and the tone is thoroughly accurate, sweet and clear. If you prefer more brilliance and volume we recommend No. 8-381 Professional Bells.

No. 8-383—2½ octaves, G to C, 30 bars 1¼" wide by ⅜" thick. A-440 pitch. Weight 15 lbs. Complete in case with 2 pairs selected mallets, and detachable music rack\$55.00



Ludwig & Ludwig Professional Bells

These are the finest steel bells that can be made, and are the choice of many who prefer steel bars to aluminum alloy bars. Bars are best quality special alloy steel, and are heavily Chromium plated. The tone is exceptionally brilliant, full, and true with plenty of volume. Accurately tuned, and ideal for the most exacting band and orchestra work.

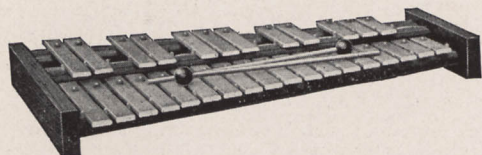
No. 8-381—2½ octaves, G to C, 30 bars 1¼" wide by ⅝" thick. A-440 pitch. Weight 29 lbs. Complete in case with 2 pairs mallets and music rack\$50.00



Ludwig & Ludwig Bell Stand

A strong folding bell stand adjustable in height from 17" to 25". Folds to 14¼". Nickel plated, durable, rigid, and built for real service. Illustrated with bells above.

No. 385—Ludwig Bell Stand, Nickel plated\$6.00



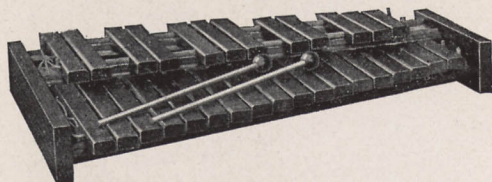
Ludwig & Ludwig School Bells

Ludwig School Bells are intended primarily for the School band and orchestra whose finances will not permit the purchase of the more expensive bells in cases as shown on this page. Bars are of the same quality steel as is used in the Ludwig professional bells, but are of smaller dimensions throughout. They have a fine clear tone, are accurately tuned, and cushioned on good quality felt.

No. 8-380—2½ octaves, G to C, 30 bars, 1" wide by ¼" thick. Complete with one pair selected Ludwig mallets\$23.50

Ludwig & Ludwig School Bells in Case

No. 8-379—School Bells in Case. Weight 18½ lbs.\$31.50



Ludwig & Ludwig School Xylophone

The Ludwig School Xylophone is a quality instrument of small dimensions, intended, like School Bells, for school organizations whose funds are limited. Bars are genuine Honduras Rosewood, accurately tuned, of good tone and carrying power, and finished in their natural grain. An excellent instrument at a low price.

No. 8-810—2½ octaves, G to C, 30 bars, 1½" wide by ⅝" thick. Complete with one pair selected Ludwig mallets\$18.00

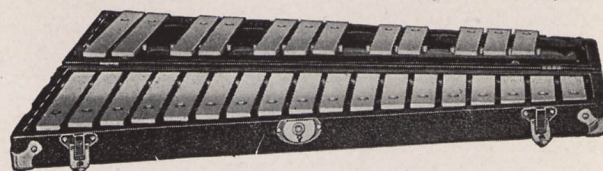
Ludwig & Ludwig School Xylophone in Case

No. 8-809—School Xylophone in Case. Weight 14½ lbs.\$26.00

Ludwig & Ludwig Orchestra Bells

A quality set of true professional bells made of the finest tempered alloy steel, accurately tuned, and Chromium plated. Excellent for the school band and orchestra, or where limited funds prevent the purchase of the sets described above. Tone, volume, and carrying power are unusual for bells of this price.

No. 8-384—2½ octaves, G to C, 30 bars 1" wide by ¼" thick. A-440 pitch. Weight 17 lbs. Complete in case with 2 pairs mallets, and music rack\$40.00



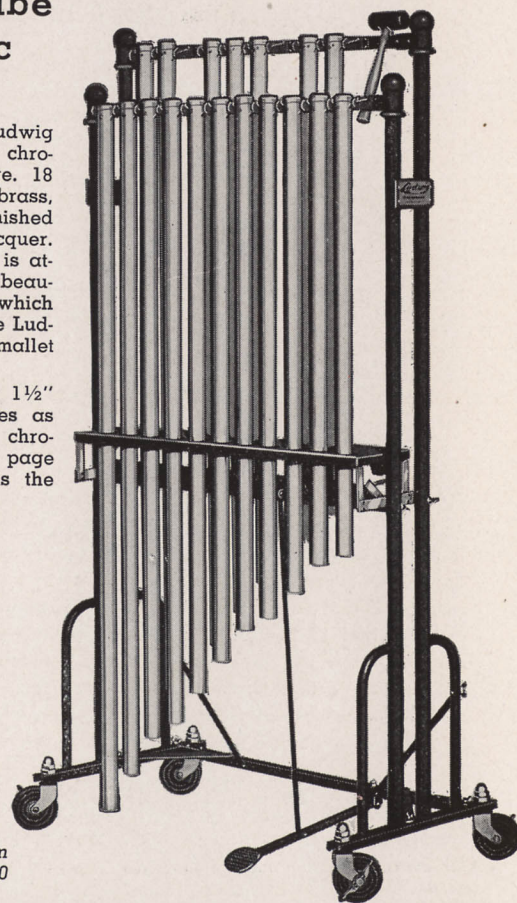
New 1½" Tube Chromatic Chimes

Genuine Ludwig & Ludwig Chromatic Chimes, fully chromatic, 1½ octave range. 18 tubes of highest quality brass, accurately tuned and finished in gleaming gold lacquer. The sturdy, rigid frame is attractively finished in a beautiful gold wrinkle, which matches the finish of the Ludwig & Ludwig Apollo mallet instruments.

The same high quality 1½" tubes and sturdy frames as used in the standard chromatic chimes on the next page—the only difference is the finish; gold lacquer on the tubes, and gold wrinkle on the frame, in place of chromium plating. These chimes are equipped with pedal damper for easy muting. Frame is equipped with four solid rubber wheels, two with brakes.

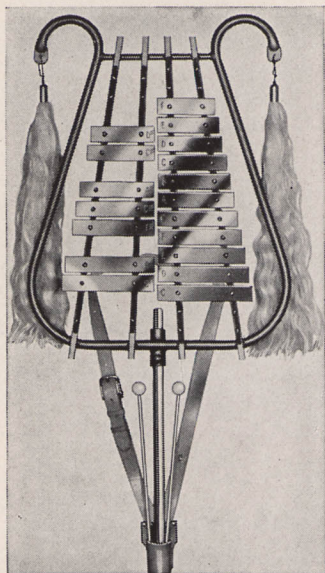
No. 8-012—C to F, A-440 pitch, complete with rawhide mallet, only\$230.00

Available with Chromium Plated Tubes at \$45.00 additional charge.



INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE

LUDWIG & LUDWIG BELL-LYRA



No. 8-099—18 Bar Bell Lyra

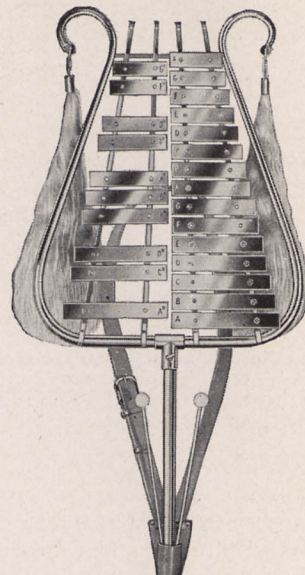
The Bell-Lyra is the old-time Glockenspiel modernized for present needs in bands and orchestras. The tone quality—clear, sweet and penetrating—adds color and distinction to any organization. Made in four models: 18-bar, 22-bar, 25-bar, and a new 20-bar Alto model with resonators which are pitched an octave lower than the standard models giving a range of three full octaves when used with either the 22-bar or 25-bar model. Bar mounting is fully chromatic so the instrument is easily mastered. Bars are made of special aluminum alloy mounted on new design brass tubular frame which is heavily Chromium plated (except No. 8-099). Complete with white horsehair plumes you can dye any desired color.

Available in 18-bar, 22-bar or 25-bar sizes. The smaller sizes are somewhat lighter in weight and are recommended for juvenile use as they are easier to carry on the march. However, with the new design tubular brass frame each model is almost three pounds lighter than before.

No. 8-102—Bell-Lyra, range C to A, 22 bars, 1 1/4" wide by 3/8" thick. Pitch A-440. Weight 10 1/4 lbs. Complete with white horsehair plumes and one mallet\$70.00

No. 8-103—Bell-Lyra. Two-octave range, A to A, 25 bars, 1 1/4" wide by 3/8" thick. A-440 pitch. Weight, 12 lbs. Complete with white horsehair plumes and one mallet 75.00

No. 8-099—New 18-bar model Bell-Lyra with polished aluminum alloy bars and durable, attractive dark grey metallic finish frame. Range from C to F (same as chimes, listed at bottom of page). Bars are 1 1/4" wide by 3/8" thick. A-440 pitch. Weight 10 lbs. Complete with white horsehair plumes and one mallet\$52.50



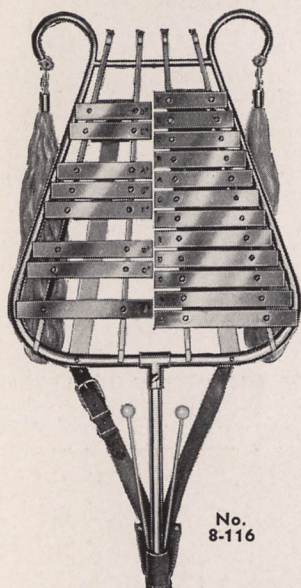
No. 8-103

Alto Model Bell-Lyra

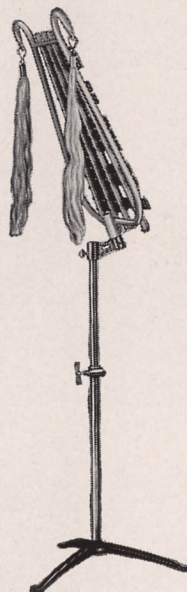
Produced in response to a widespread demand for a lower-voiced Bell-Lyra, this model has 20 bars giving a chromatic range from A to E. It is pitched an octave below the standard models and when used with them gives a complete chromatic range of three full octaves. Bars are of finest aluminum alloy with resonators in the back which give deeper, finer resonance to the tone, greater volume, and increased carrying power. The new design frame is of tubular brass and is heavily chromium plated. This new frame not only adds beauty to the instrument but is considerably lighter than the old type solid frame.

Two white horsehair plumes are supplied with the Bell-Lyra. These may be dyed by the customer to any desired color, or color combination.

No. 8-116—Alto-Bell-Lyra. Range A to E. 20 bars, 1 1/4" wide by 3/8" thick. A-440 pitch. Weight, 15 lbs. Complete with two white horsehair plumes and one mallet\$110.00



No. 8-116



New Tilted Bell-Lyra Stand (illustrated right, above)

No. 8-109—Strong alloy casting holds Bell-Lyra at convenient angle for easy playing with either one or two mallets. The perfect stand for concert playing in band or orchestra. State if for 22 or 25-bar or Alto model Bell-Lyra when ordering. Complete\$15.00

Accessories for Bell-Lyras

- No. 8-104—Leather Carrying Strap for Bell-Lyra, as illustrated on Bell-Lyra above. \$ 4.00
- No. 8-108—Special Leather Carrying Harness for Bell-Lyra 5.50
- No. 8-107—Mackintosh Carrying Bag for No. 8-102 Bell-Lyra 6.00
- No. 8-105—Mackintosh Carrying Bag for No. 8-103 or No. 8-101 Bell-Lyra 6.00
- No. 8-117—Mackintosh Carrying Bag for No. 8-116 Alto Bell-Lyra 6.00
- No. 8-106—Concert Stand for Bell-Lyra. (State if for 22 or 25-bar or Alto model) 15.00
- No. 8-738—Mallet for Bell-Lyra. Made with clear pyralin handle and white genuine pyralin ball. Practically unbreakable. Ball is cemented to handle so that it cannot come off. Per pair 1.00

LUDWIG & LUDWIG CHROMATIC CHIMES

With Pedal and Hand Damper

These sensational, new Ludwig Chimes with the Damper operated either by a pedal or a hand lever more than double their value to the drummer and musical organization using them because they can be played with one or two mallets, and muted to any degree desired by the player. Rapid passages and hot chor-

uses can now be played on Ludwig Chimes as easily as on orchestra bells. Tubes are highest quality brass, accurately tuned, highly polished and Chromium plated. Base ends and rack head are aluminum castings. Two of the solid rubber wheels have brakes.

1 in. Tube Chimes

- No. 8-011—1 1/2 Octaves, 18 Tubes, C to F, A-440 Pitch, with Damper and Wheels. Chromium plated. Mallet included\$215.00
- No. 8-004†—Fibre Hand Carrying Case for No. 8-011 20.00
- Special Trunk for No. 8-011. NET \$65.00 Extra
- No. 8-002—Velvet Banner (your name in sewn letters)NET 5.00 Extra

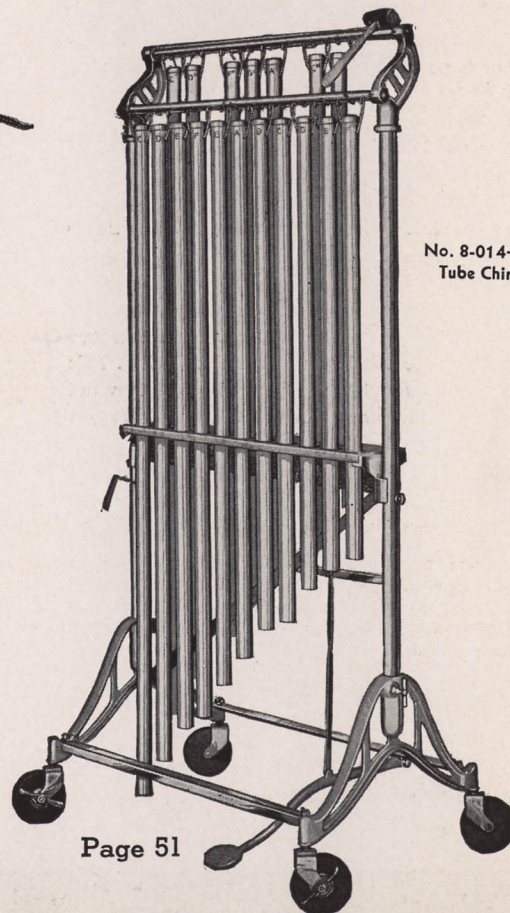
NOTE: Above price covers standard banner design. For prices on special design submit sketch.

1 1/2 in. Tube Chimes

These large tube chimes are recommended for large musical organizations or any occasions when full, rich, exceptionally powerful tone is required.

- No. 8-014—1 1/2 Octaves, 18 Tubes, C to F, A-440 Pitch, with Damper and Wheels. Chromium plated. Mallet included\$375.00

Special Trunk for No. 8-014 .NET \$100.00 Extra
No. 8-001—Banner Rack for Nos. 8-011 or 8-014\$4.00 Extra



No. 8-014—1 1/2 Tube Chimes

Superior Quality of Ludwig & Ludwig Tympani Makes Them the Choice of Leading Artists

BALANCED ACTION FOOT PEDAL assures lightning fast action, responding easily to the slightest movement of the foot, and holding to any position when the foot is lifted.

FLOOR POSITION of pedal action is not tiring and can be used with equal ease in either standing or sitting position.

LOW SET TUNING HANDLES permit easy, rapid passage from one kettle to another without danger of interference.

ONE-PIECE KETTLES of heavier, harder copper are made in our own factory, machine drawn to exact size and shape. Assure absolute uniformity and smoothness so essential to fine tone quality.

FINEST VELLOUR HEADS, made in our own tannery from specially selected calfskins. Uniform in texture, tight-fibred, and damp resisting.

ALL NICKELED tympani parts now plated by new process hot nickel which allows plating a heavier coating of nickel without blistering. **BALL BEARING** construction in tension handle mechanism for easier operation with less effort.

NICKEL SILVER footboard, formerly made of aluminum, now much stronger. Will not wear out or break.

HARDENED STEEL rod construction in foot tension mechanism; impossible to break.

REINFORCED BRONZE CONSTRUCTION of vital metal parts in tension mechanism makes these parts much stronger. Will hold up under any tension and absolutely will not break or stretch.

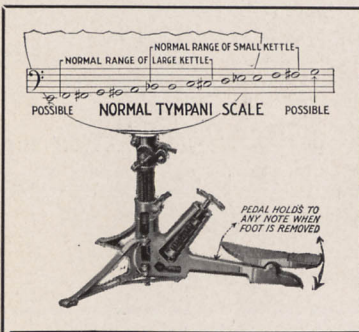
STURDY EASY PACKING STANDS, made of finest steel and cast aluminum for utmost strength, are easily knocked down for packing and quickly set up for use.



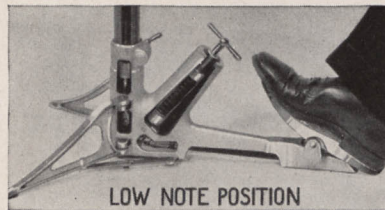
OTTO KRISTUFEK
Chicago Civic Opera
Orchestra



BEN VITTO
Illinois Symphony Orchestra



These illustrations show the travel of the pedal from low to high note positions. The toe is up for low, down for high notes. The action is light and easy.



FREE TYMPANI INSTRUCTION FOLIO

Prepared by Roy Knapp, a special tympani instruction folio contains correct grip position, standing and seating positions, dynamic forms of beating, proper tuning, stroke roll exercises, etc. Free upon request.

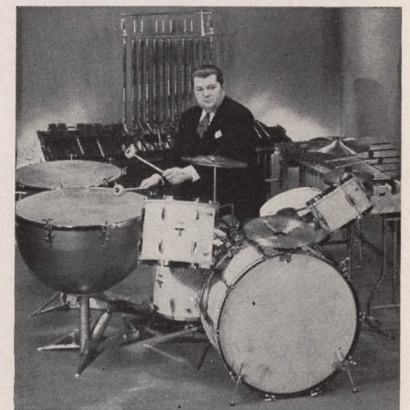
ROY KNAPP—CHICAGO

The normal range of Tympani, machine or hand, regardless of size, is from F below the staff in the bass clef to the octave F in the staff. In rare instances as in "Parsifal," low E is used, and in a few special and unusual cases higher notes are used; namely F# and G. These notes can be had on Ludwig Pedal Tympani. The low E, however, will not be as strong as the normal range scale unless an especially large kettle is used. The diameter of the tympani bowl should be increased for low notes, and in the case mentioned above a 30" kettle would be better than a 28". This is the reason for the use of three tympani where a large scale is used.

Another advantage of three tympani is that they necessitate less tuning and fewer changes. In large symphony orchestras even a fourth kettle is sometimes used for extremely high notes such as F# and G and even A. It is possible to force a standard size 25" tympani up to A but the note will be poor in quality because the diameter of the bowl is too large for such a high note. On the other hand, this is true of the low notes secured on a 28" tympani. The regular 28" diameter kettle can be lowered in pitch to E and Eb but the tone quality will not compare to the same notes on a 30" or 32" kettle.



MINNEAPOLIS SYMPHONY ORCHESTRA
Left to right: S. W. Segal, snare drum; Wm. Faetkenhauer, tympani; Carl P. Rudolph, bass drum. 100% Ludwig.



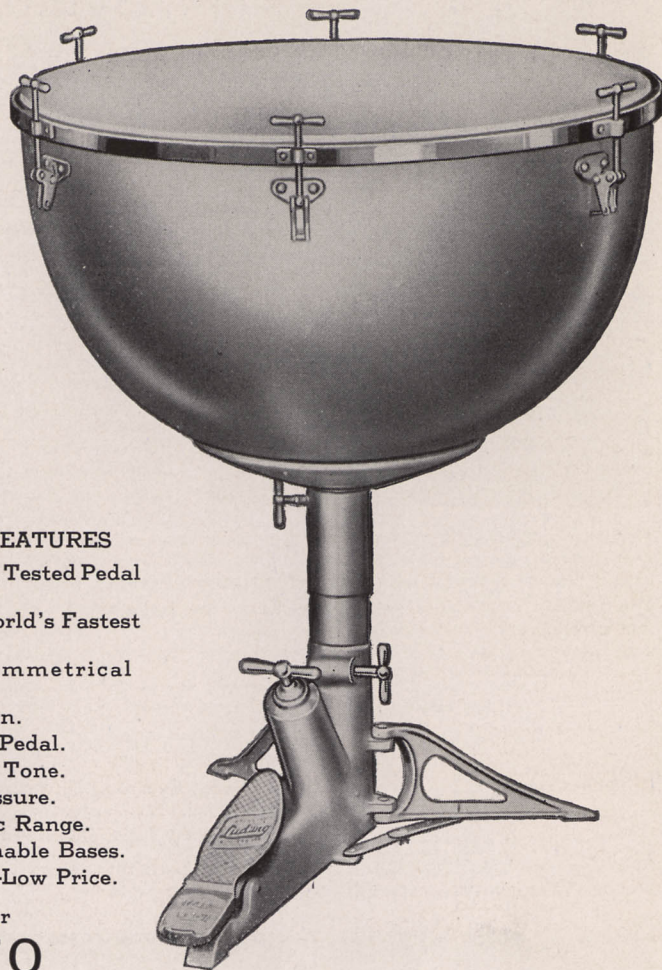
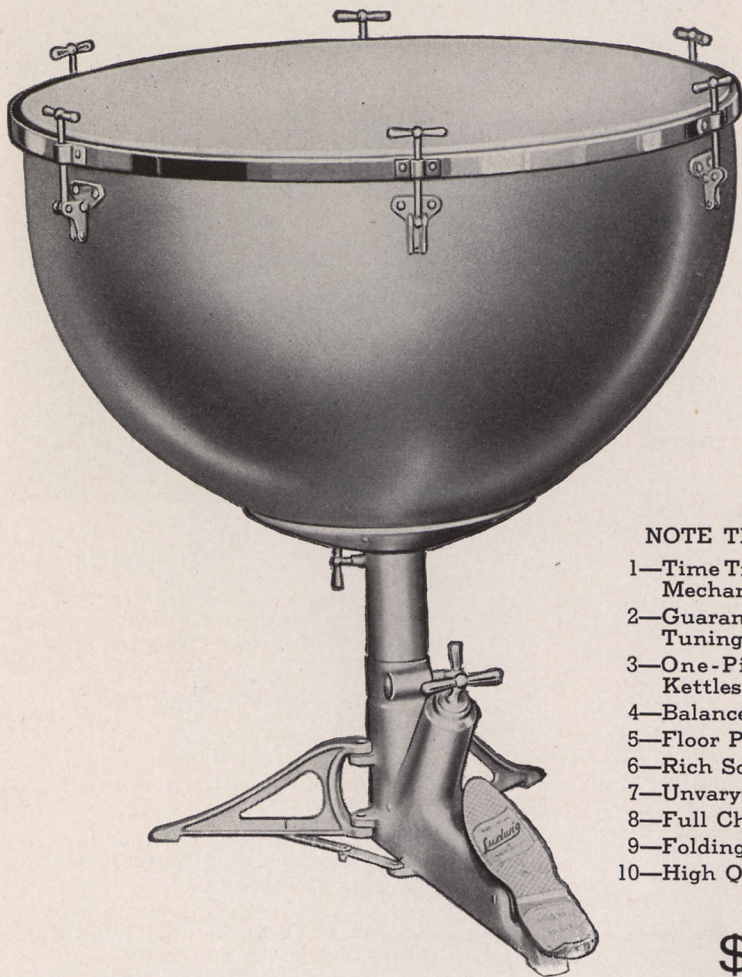
OSCAR SCHWAR—(below)
Philadelphia Symphony Orchestra



PORTLAND SYMPHONY ORCHESTRA
Left to right: Joseph Amato, tympani; W. Van Hoogstratten, director; William Weber, snare drum; F. A. Bricknell, bass drum.



Professional Standard Pedal Tuned Tympani



NOTE THESE FEATURES

- 1—Time Tried and Tested Pedal Mechanism.
- 2—Guaranteed World's Fastest Tuning.
- 3—One-Piece Symmetrical Kettles.
- 4—Balanced Action.
- 5—Floor Position Pedal.
- 6—Rich Sonorous Tone.
- 7—Unvarying Pressure.
- 8—Full Chromatic Range.
- 9—Folding Detachable Bases.
- 10—High Quality—Low Price.

Per Pair

\$270

Ludwig & Ludwig The World's Greatest Tympani Value!

LUDWIG & LUDWIG, Inc., was the first in America to build pedal-tuned tympani, reducing the cost to practically one-half of imported tympani and, in addition, developing faster tuning and more practical and trouble-free mechanism.

Now Ludwig scores again in the introduction of the new Professional Standard Pedal-Tuned Tympani at the lowest prices in history!

These new tympani have exactly the same sturdy, dependable Ludwig pedal mechanism which has won the acclaim and enthusiastic approval of outstanding tympanists in the finest musical organizations! It is not a new and untried principle, but has stood the test of time and actual use in hundreds of bands and orchestras, ranging from dance bands to world renowned symphony orchestras!

There has been no sacrifice in quality! The Ludwig Professional Standard Pedal-Tuned Tympani offer every musical organization the finest, most practical, most convenient, and easiest tuning tympani—time tried and tested!—at a price within the reach of the most limited budget!

Ludwig Professional Standard Pedal-Tuned Tympani are as simple in operation as they are in mechanical construction. The pedal action is extremely light, responds instantly to the slightest movement of the foot, and will hold to any position even when the foot has been lifted. The pedal is ideally placed in a natural floor position. Restful for the foot, and is so situated that the tympani can be used in either seated or standing position with equal ease.

Bowls are made of the best copper drawn in one piece to the perfect roundness so essential to a fine tone quality. They are finished in a beautiful satin finish, or may be had in either glossy black or gleaming white lacquer at no additional cost. The tuning handles, hoops, and stand fittings are heavily nickel plated, or chromium plated at a slight additional charge. Heads are selected Ludwig Vellour Tympani Heads famous for their superior quality and tonal perfection.

Both kettles are set 32" high, the standard height for most convenient and easy playing position. Kettles may be revolved on their stands without affecting the tone or tuning, and are easily and quickly removed from their bases for packing. Hand screw tuning handles are set low so as not to interfere with easy, rapid passing from one kettle to the other. The strong cast aluminum bases fold into a relatively small amount of space.

No. 287—Ludwig Professional Standard Pedal-Tuned Tympani. 25" and 28" diameter kettles only. Nickel plated fittings. **\$270**
Per pair

Instructor, one pair sticks, and fibre head protectors included.

Tuning handles, hoops, and stand fittings, Chromium plated Extra \$30.00



Natural Way

Ludwig & Ludwig Symphony Deluxe Tympani

Ludwig & Ludwig Pedal-tuned Tympani are as simple in operation as they are in mechanical construction. The pedal action is extremely light and responds immediately to the slightest movement of the foot and will hold to any position even when the foot has been lifted. The pedal is ideally placed in the natural position of the foot at rest, and is so situated that the tympanist can use the drums in a seated or standing position with equal ease.

Bowls are made of the best copper drawn in one piece to a perfect roundness which is essential to fine tone quality. Bowls are finished in a natural beauty of the polished metal, or a choice of glossy Black or bright White lacquer at no additional cost. The stands, tuning handles, and hoops are regularly furnished in Nickel. Heads are selected Ludwig Vellour Tympani Heads, and the workmanship throughout is of the finest.

Kettles can be adjusted for height, for beating spots, and tilted to the angle best suited to the immediate

playing conditions. Hand screw tuning handles are set low so as not to interfere with the playing and permit easy passing from one kettle to the other. Drums can be used either as hand-tuning, or pedal-tuning tympani. Bowls may be revolved on their stands without affecting the tone or tuning.

The removal of a single bolt permits lifting the kettle from the stand for packing. The stands fold into a relatively small amount of space. Every practical improvement and feature has been incorporated in the making of these tympani to make them the finest tympani of today.

One piece finest quality Copper Bowls finished with high polish. Stands, Tuning Handles and Hoops Nickel plated. Selected Ludwig Vellour Heads.

No. 275—Ludwig & Ludwig Natural-Way Pedal Tympani, Symphonic model, Standard sizes 25" and 28", as illustrated and described, complete\$325.00

No. 267—Ludwig & Ludwig Natural-Way Pedal Tympani, Symphonic model, sizes 26" and 29" for Symphony requirements, complete 360.00

Instructor, One Pair Sticks and Fibre Head Protectors Included.

Choice of Bowls in Black or White Lacquer at no additional cost.

Stands, Tuning Handles, and Hoops in Chromium Plate\$30.00 Extra



Balanced Action

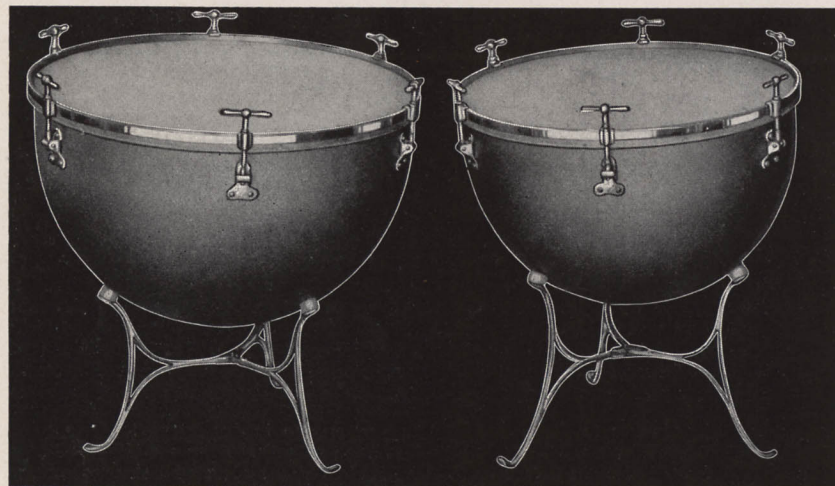
Tympani Accessories

No. 292—Heavy fleece-lined, moisture and waterproof Tympani covers. State sizes of Tympani. Per pair\$ 7.00

No. 282§—Folding Tympani Stands. Per pair 15.00

No. 281§—Tympani Tuning Pitch Pipe. Chromatic; one octave—C to C. Each 1.75

Fibre Disc Tympani Covers. Write for prices, stating size of Tympani. We can furnish any size wanted.



Ludwig & Ludwig Hand Tuned Tympani

The Ludwig & Ludwig Pioneer Tympani are specially designed and priced for school use. They are of excellent quality and will serve admirably wherever hand tuning tympani are sufficiently fast. They are sturdy, strong and efficient, and are finished handsomely for display purposes.

Bowls are made in one piece of best grade copper and finished in a rich satin copper. Hoops, handles and stands are heavily Nickel plated, and heads are choice transparent calfskin. Stands fold conveniently to a small space for packing.

Six self-aligning tuning handles are large and of unique design which permits quick removal and replacing of the heads, and are built low enough to allow absolute freedom in playing, and for passing quickly from one kettle to the other. Bowls can be tilted on the stands to suit the player's individual needs or preference.

No. 285—Ludwig & Ludwig Pioneer Tympani, 25" and 28" diameter, as described, per pair\$150.00

Instructor, Folding Stands, One Pair Sticks, and Fibre Head Protectors Included.

Tympani Trunks

Sold on Net Basis Only

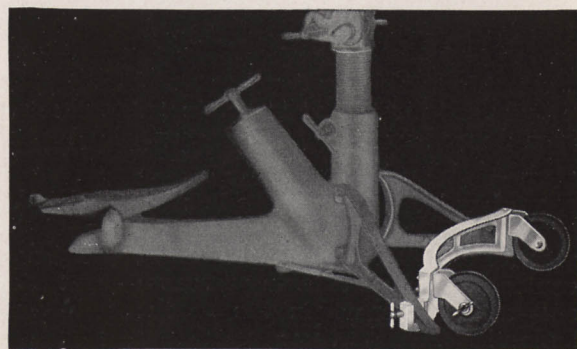
No. 294SD—Trunks for 25" and 28" Ludwig & Ludwig Symphony Deluxe Tympani. Per pair\$100.00 NET

No. 295PS—Trunks for 25" and 28" Ludwig & Ludwig Professional Standard Tympani. Per pair...\$100.00 NET

Wheels for Pedal Tuned Tympani

An ideal and necessary accessory for Ludwig Pedal Tuned Tympani. Consists of sturdy aluminum frame, with vulcanized rubber wheels, which attaches to the two legs of the tympani. Prevents the legs from folding when the tympani are in use. Permits easy moving of tympani on stage, in pit or studio. Ideal and practical for school use. To move the tympani simply raise the pedal off the floor and roll away. Wheels are equipped with brakes to prevent creeping when tympani are in use. Fits all Ludwig Pedal Tuned Tympani. Attaches and detaches with small thumb screws.

No. 284—Push-About Tympani Wheels. Set for two Tympani\$12.50





Web Snare Drum Sling

Made of stout, wide web that will not cut into the shoulders on the longest parade, and strongly sewn. Greatly improved and sturdier swivel snap and hook will not straighten out. Easier to attach to, and detach from, the drum too. Sling fits to the body. Choice of khaki or white web.

No. 720—Web Snare Drum Sling. Specify color\$1.00



Web Bass Drum Sling

Made of finest quality stout, wide webbing. Crosses at the back and fastens to the drum shell carrying ring and two rods to prevent drum from tilting. Sling is strongly sewn and equipped with sturdy hardware which is heavily nickel plated. Choice of khaki or white.

No. 721—Web Bass Drum Sling. Specify color\$1.25

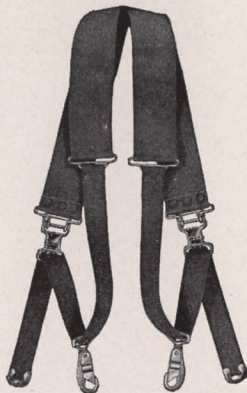
No. 720

No. 721

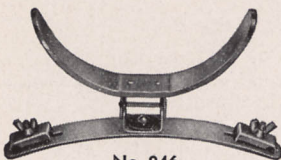
Easy-Carry Bass Drum Sling

The ideal bass drum sling because it distributes the weight of the drum equally on the back and shoulders. Made of heavy, wide webbing, strongly sewn and equipped with nickel plated fittings. Fully adjustable. Choice of khaki or white.

No. 741—Easy Carry Bass Drum Sling. Specify color\$2.25



No. 741



No. 246

Detachable Drum Leg Rest

More thoroughly adjustable than any other leg rest on the market. Can be attached to or removed from, the drum, easily, quickly, and without the use of tools. Fits any model parade or tenor drum, and will not mar the shell finish. Properly reinforced.

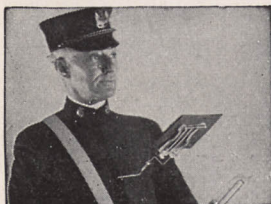
No. 246 —In Nickel\$2.50
No. 246K—Same, but in Chrome 3.50

Weather Defy Covers

No. 344—Weather Defy Covers protect the drum in wet weather. Made of thin rubberized material that covers batter head and shell. Open at bottom. Turned back where sling is attached to drum when not in use. On or off in a moment. Will save its cost in heads alone. Specify drum shell size when ordering. Each\$3.00

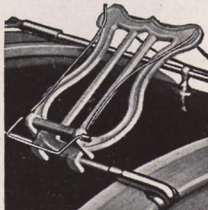


No. 344



Music Holders

No. 742—This holder is inserted and buttoned under uniform coat. Music holder slides into breastplate tube and is held securely with a wing-nut screw. Ideal for snare drummers and piccolo players. Nickel plated\$2.00

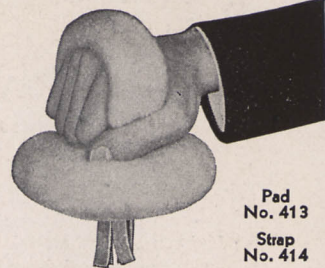


No. 743

No. 743—Bass Drum Music Holder fastens to bass drum rods. Easily attached and removed. Made of aluminum. Very light and durable. Holds music securely\$2.00

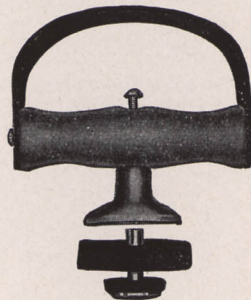
Lamb's Wool Cushioned Cymbal Pad and Strap

Lamb's wool covered horsehide cymbal pads and strap permit full cymbal vibration and protect the knuckles from bruising. Soft, strong and really the very finest and most practical cymbal holding device made. The only correct holder for cymbals used in pairs.



Pad
No. 413
Strap
No. 414

No. 413—Lamb's Wool Covered Pad, each\$1.50
No. 414—Lamb's Wool Covered Strap, each75



Improved Hand Cymbal Holder

An improved wood handle cymbal holder. Cymbal is cushioned between two thick felt washers. Patent pending slot and pin connection holds cymbal firmly but permits fullest vibration. Handle equipped with adjustable leather strap for the hand.

No. 472—Improved Cymbal Holder. Ea. \$1.50

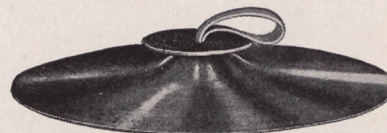


No. 750

Standard Hand Cymbal Holder

Standard wood handle with adjustable strap. Cymbal fastens to the handle with a bolt from the under side of the cymbal. A well-known, and very satisfactory handle.

No. 750—Standard Cymbal Handle. Each\$0.75



Horsehide Cymbal Pad and Strap

Protects the hands and knuckles. Above illustration shows how pad and strap are put on cymbal. Illustration of No. 420 shows how knot is made in ends of strap.



No. 746

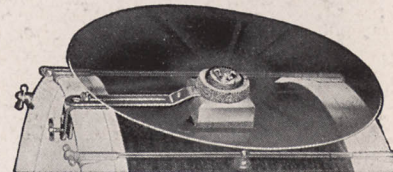
No. 420—Horsehide leather cymbal strap. Each\$0.25

No. 746—Horsehide leather cymbal pad. Each50



No. 420

Bass Drum Cymbal Holder and Wire Beater



No. 474

New design holder, fastens securely to bass drum hoop with Ludwig Hold-Tite clamp. Adjustable arm permits most convenient location of cymbal on drum shell. Cymbal rests on felt-covered wood block and is held securely by felt pad and wing nut. Permits full cymbal vibration. Will not mar hoops or bass drum shell. Nickel plated metal parts.

No. 474—Bass Drum Cymbal Holder\$1.75

No. 751—Wire Loop Cymbal Beater, 10" wire loop. Wood handle .. .75



Drum Major's Whistle

No. 524—Drum Major's Whistle used in Drum Corps and Bands to denote commands. Shrill, strong, and reliable. Molded composition, with ring for neck cord\$0.25

Ludwig & Ludwig "G-D" Piston Bugles

The Ultimate Drum Corps Bugle

The Ludwig Master Model Bugles fill every need for playing modern corps music written in the keys of G and D, as played by leading prize winning Corps today.

Having the appearance of ordinary bugles to the audience, they are equipped with a horizontal piston valve that is concealed when the bugle is held, and operated with the thumb of the hand holding the instrument. The change from the key of G to D, and back to G again, is made instantly without removing the bugle from the lips, and without the use of the left hand.

Scientifically correct, and of highest quality, they are easy blowing, accurate, perfectly balanced, and fine appearing,—the most modern Drum Corps Bugle made.

FREE MUSIC

The Ludwig Folio of Drum Corps Music is given free with all orders of Ludwig Master Model Piston Bugles. Music written for "G", "D" and Ludwig Piston Gee-Dee Bugles. Supplied only with orders for Piston Bugles—cannot be bought or secured in any other manner.



No. 1247

No. 1246

No. 1249

Master Model Soprano

Key of G with piston change to D, and slide to F for band. Equipped with two water keys and finger hook. Length over all 21" and weighs approximately 30 ounces.

No. 1247 —Brass	\$19.00
No. 1247K —Chrome	26.00
No. 1247KG—Chrome, Gold Bell	27.50
No. 1247S —Silver	23.50
No. 1247SG—Silver, Gold Bell	25.00
No. 1243 —Bugle Bag for above	1.25
Hard Case for above Bugle	6.00

Master Model Tenor

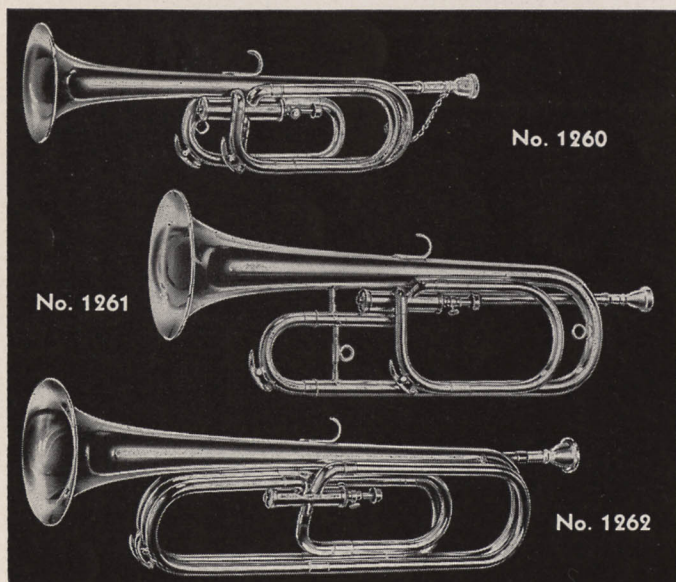
Has the same pitch as the Soprano but has a more mellow tone. Built in key of "G" with piston change to "D" and slide change to "F". Length 23". Weight 32 ounces.

No. 1246 —Brass	\$21.00
No. 1246K —Chrome	29.00
No. 1246KG—Chrome, Gold Bell	30.00
No. 1246S —Silver	25.50
No. 1246SG—Silver, Gold Bell	27.00
No. 1245 —Bag for above Bugle	1.50
Hard Case for above Bugle	6.25

Master Model Baro-Tone

Pitched one octave lower than Soprano. The music is played as written. Built in key of "G" with piston change to "D"—no slide to "F". Length 24". Weight 47 ounces.

No. 1249 —Brass	\$29.50
No. 1249K —Chrome	38.50
No. 1249KG—Chrome, Gold Bell	40.00
No. 1249S —Silver	35.00
No. 1249SG—Silver, Gold Bell	36.50
No. 1244 —Bag for above Bugle	1.50
Hard Case for above Bugle	6.50



No. 1260

No. 1261

No. 1262

Ludwig & Ludwig are the designers and originators of the modern Piston Bugle

Ludwig & Ludwig New "B_b-F" Piston Bugles

Built in key of B_b with horizontal piston for change to F. Gives to the drum corps an added brilliance of tone and increased range and musical scope... With these bugles you can play any note written for cornet or trumpet, which is produced by the open horn, or by the combined 1st and 3rd valves, and play it direct from the cornet or trumpet score without rearrangement or transposition! This makes these bugles ideal when used in conjunction with the band... Very easy to blow because of fine engineering and design. Better tone quality than the regular B_b service bugle. Equipped with finger hook and water keys. Perfectly balanced.

Soprano

Key of B_b with piston change to F. Equipped with finger hook and two water keys. Length 19". Weight, approximately 26 oz.

No. 1260 —Brass	\$22.00
No. 1260K —Chrome	29.00
No. 1260KG—Chrome, Gold Bell	30.50
No. 1260S —Silver	26.50
No. 1260SG—Silver, Gold Bell	28.00
No. 1263 —Bag for above Bugle	1.25
Hard case for No. 1260	6.00

Tenor

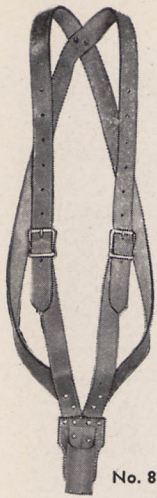
Same pitch as Soprano, but longer, larger bell, and more mellow tone. Key of B_b with piston change to F. Length, 21". Weight, approximately 28 oz.

No. 1261 —Brass	\$24.00
No. 1261K —Chrome	32.00
No. 1261KG—Chrome, Gold Bell	33.00
No. 1261S —Silver	28.50
No. 1261SG—Silver, Gold Bell	30.00
No. 1264 —Bag for above Bugle	1.50
Hard Case for No. 1261	6.25

Baro-Tone

Pitched one octave below Soprano. Key of B_b with piston change to F. Length, 24". Weight, approximately 40 oz.

No. 1262 —Brass	\$32.50
No. 1262K —Chrome	41.50
No. 1262KG—Chrome, Gold Bell	43.00
No. 1262S —Silver	38.00
No. 1262SG—Silver, Gold Bell	39.50
No. 1265 —Bag for above Bugle	1.50
Hard case for No. 1262	6.50



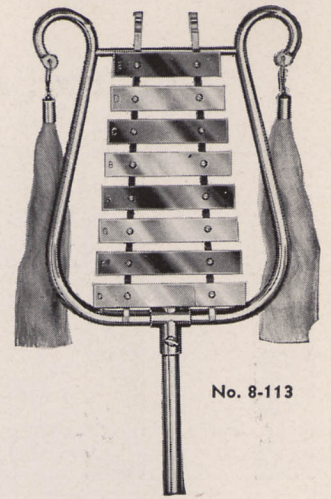
No. 8-108

Ludwig & Ludwig Bugle-Lyra

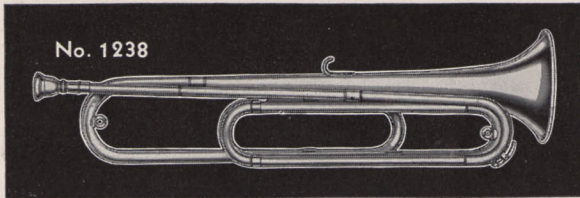
The Bugle-Lyra is to the Drum Corps what Bells are to the band and orchestra. Its clear, sweet bell voice gives new tone character to Corps music, and adds distinction and "flash" to the Corps. Average Corps use two, large Corps use four.

The Bugle-Lyra has the eight notes of the Gee-Dee bugles, is carried like the colors, and is played with a mallet held in the right hand. Weight 7 lbs.

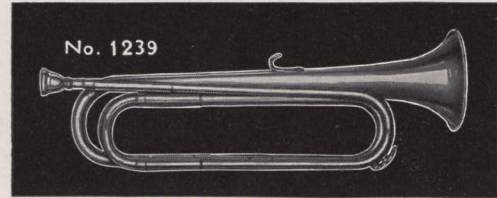
- No. 8-113—Bugle-Lyra. 8 bars of Aluminum Alloy. Tubular brass frame Chromium plated. Mallet and White horsehair Plumes included\$50.00
- No. 8-115—Mackintosh Carrying Bag for Bugle-Lyra 5.00
- No. 8-108—Leather Carrying Harness for Bugle-Lyra. May also be used for Bell-Lyra. Made of strong leather. Adjustable straps over shoulders. A necessity for the Bugle or Bell-Lyra player. Tan only Each 5.50
- No. 8-104—Leather Carrying Strap for Bugle-Lyra or Bell-Lyra. Suspended from neck; does not have straps across back. Tan only. Each 4.00



No. 8-113



No. 1238



No. 1239

Ludwig & Ludwig Baro-Tone "G" Bugles

Adult Corps Model

Baro-Tones add a rich, full tone in the Drum Corps one octave lower than soprano model bugles. Music is played without transposing. Professional quality. Easy blowing with excellent tone. Key of G, slide to F. Length is 28".

- No. 1238 —Brass\$22.00
- No. 1238K —Chrome 32.50
- No. 1238KG—Chrome, Gold Bell 34.50
- No. 1238S —Silver 29.00
- No. 1238SG—Silver, Gold Bell 30.00
- No. 1237 —Bugle Bag for above 1.50

Junior Corps Model

The No. 1239 Baro-Tone Bugle is a 23" model intended primarily for juvenile corps. One octave lower than soprano bugles, played without transposing. Key of G with tuning slide, water key and finger hook. Does not have an F slide.

- No. 1239 —Brass\$18.50
- No. 1239K —Chrome 29.00
- No. 1239KG—Chrome, Gold Bell 30.00
- No. 1239S —Silver 25.00
- No. 1239SG—Silver, Gold Bell 26.50
- No. 1245 —Bugle Bag for above 1.50

Hard Cases Made to Order for Above Bugles.

Ludwig & Ludwig Military Model Bugles

Professional Bugle

This is the regulation model made to the highest professional standards. Popular with Drum Corps because it is easy blowing and finely balanced. Also easy to handle in the flourishes and in fancy drill work. Made by Ludwig & Ludwig of finest quality materials. Built in key of G with slide to F, and is equipped with a water key. Over all length 17". Made in five finishes:

- No. 229 —Brass\$10.00
- No. 229K —Chrome 14.50
- No. 229KG—Chrome, Gold Bell 16.00
- No. 229S —Silver 14.00
- No. 229SG—Silver, Gold Bell 15.50
- No. 1226 —Bugle Bag for above90

Fan-Fare Bugle

A popular bugle made to professional standards. Easy blowing, accurately toned and balanced. Length is 28". Key of G with slide to F.

- No. 1228 —Brass\$10.50
- No. 1228K —Chrome 18.50
- No. 1228KG—Chrome, Gold Bell 20.00
- No. 1228S —Silver 15.50
- No. 1228SG—Silver, Gold Bell 17.50
- No. 1227 —Bugle Bag for above 1.25



No. 1228

No. 229

No. 228

Regulation Bugle

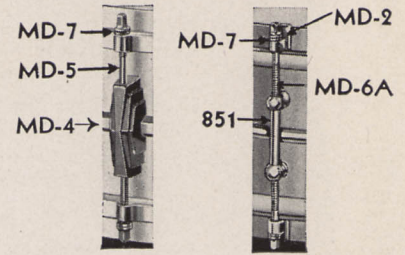
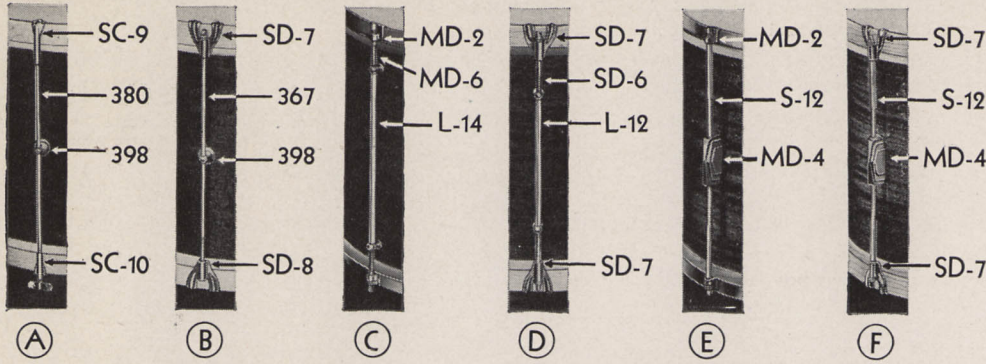
Built in key of G with slide to F. Easy to blow, and good tone. 17½ inches only.

- No. 228—Brass only\$5.50
- No. 1226—Bugle Bag for above90

Snare, Bass, and Parade Drum Rods and Parts

SINGLE TENSION

SEPARATE TENSION



Snare Drum Parts

Streamline Tension Case Models

- Self-Aligning tension case for wood shell drums.
- No. MD3—Nickel \$0.60 MD3K—Chrome \$0.75
- Self-Aligning tension case for metal shell drums.
- No. MD4—Nickel \$0.60 MD4K—Chrome \$0.75
- No. MD6—Collar screw for 5" drum . . . \$0.15
- No. MD5—Collar screw for 6½" and 7" drum15
- No. MD8—Collar screw for 8" drum15
- No. MD7—Collar screw washer03

Tubular Lug Models

- No. 850—Lug for 4" drum \$0.60
- No. 851—Lug for 5" drum60
- No. 852—Lug for 6½" drum60
- No. MD6—Collar screw (fits 4", 5", 6½" drums)15
- No. MD7—Collar screw washer03
- No. MD2—Collar hook20

Repair Parts For Parade Drums

For Single Tension Models

(A) Single Tension Thumbscrew Rod

- No. 380—12" thumbscrew rod complete with hooks \$0.50
- No. 379—10" thumbscrew rod complete with hooks50
- (See snare drum rods below for smaller sizes)
- No. SC9—Threaded single hook25
- No. SC10—Unthreaded single hook20
- No. 398—Center support stud complete with screws and washer15
- No. MD7—Washer03

(B) Double Claw Hook Rods

- No. 367—10" rod complete with hooks . . . \$0.50
- No. 368—12" rod complete with hooks50
- No. SD7—Unthreaded hook20
- No. SD8—Threaded hook25
- No. 398—Center support stud complete with screws and washer15
- No. MD7—Washer03

For Separate Tension Models

(C and D) Tubular Lug Models

- No. L12—Lug for WOOD hoop drum \$0.80
- No. L14—Lug for METAL hoop drum80
- No. MD2—Collar hook for METAL hoop drum20
- No. MD6—Collar screw for METAL hoop drum15
- No. MD7—Washer03
- No. SD7—Unthreaded double claw hook . . .20
- No. SD6—Collar screw for WOOD hoop drum15

(E and F) New Streamlined Tension Case Models

- No. MD4—Tension case (for wood shell) . . \$0.60
- No. S12—Collar screw15
- No. MD2—Collar hook for METAL hoop drum20
- No. MD7—Washer03
- No. SD7—Unthreaded double claw hook . . .20

Single Tension Tympani Handle

- No. 399—8" drum \$1.00
- No. 400—10" drum 1.00
- No. 401—12" drum 1.00
- No. 402—14" drum 1.00
- No. 403—16" drum 1.00
- No. 404—18" drum 1.00
- No. 398—Center support stud, complete with screws and washers15
- No. BD2—Unthreaded single hook20
- No. BD524—Threaded single hook25
- No. MD7—Collar screw washer03

Single Tension Thumbscrew Handle

- No. 360—8" drum \$0.50
- No. 361—10" drum50
- No. 362—12" drum50
- No. 363—14" drum50
- No. 364—16" drum50
- No. 365—18" drum80
- No. 366—20" drum80

Single Tension Scotch Bass Drum Rods

- No. 370—8" drum \$1.00
- No. 371—10" drum 1.00
- No. 372—12" drum 1.00
- No. SB12—Threaded hook25
- No. SB13—Unthreaded hook20
- No. 398—Center support stud, complete with screws and washers15
- No. MD7—Collar screw washer03

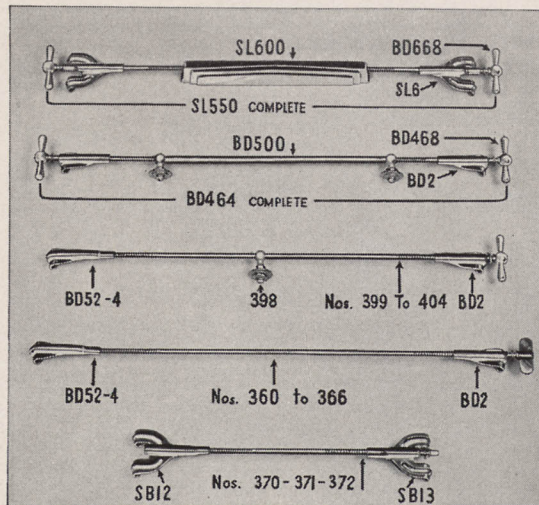
Bass Drum Rods

Separate Tension—Self-Aligning—Streamline Tension Case

- No. SL550—Complete assembly as illustrated. Includes all parts listed below, with necessary screws and washers \$2.00
- No. SL600—Tension case only 1.00
- No. BD668—Tympani handle tension screw, with collar45
- No. SL6—Double claw hook. Unthreaded .20
- No. MD7—Collar screw washer03

Separate Tension—Tubular Lug

- No. BD464—Complete assembly as illustrated. Includes all parts listed below, with necessary screws and washers \$1.80
- No. BD500—Tubular lug only. Specify for 8", 10", 12", 14", 16", or 18" drum80
- No. BD468—Tympani handle tension screw45
- No. BD2—Unthreaded single hook20
- No. MD7—Collar screw washer03



Snare Drum Rods—Single Tension Thumbscrew

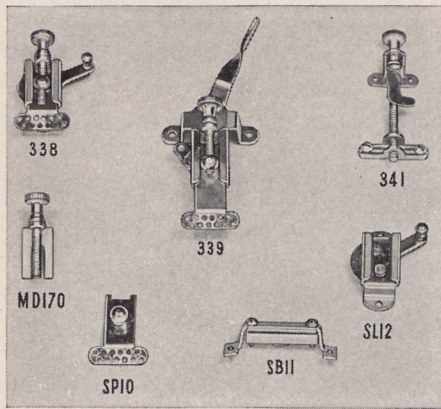
- No. 373—For 3" drum \$0.45
- No. 374—For 4" drum45
- No. 375—For 5" drum45
- No. 376—For 6" drum45
- No. 378—For 8" drum50

Juvenile Drum Rods

- No. TD39—7" rod. For 4316 drum \$0.25
- No. TD38—3½" rod. For 4315 drum25
- No. TD37—3½" rods. For 4395 and 4396 drums25

NOTE: Unless otherwise stated all repair part prices are for nickel plated finish.

Strainers, Counter Hoops, Pedal Parts



Snare Drum Strainers and Parts

- No. 339—New improved Standard Snare Strainer\$2.50
- No. 338—Short lever Strainer. (Used on Pioneer and Universal drums) 2.00
- No. 341—Universal Strainer. (For old model Universal and junior snare drums. State shell size) 1.00
- No. MD170—Strainer part70
- No. SP10—Slide plate50
- No. SL12—Holder assembly50
- No. SB11—Snare butt50

- No. CM1—15" or 16" metal counter hoop. Batter side\$2.50
- No. CM2—15" or 16" metal counter hoop. Snare side 2.50

Snare Drum Counter Hoops

(State if for 14" or 15" drum)

For Super-Ludwig Drums (Double flange)

- No. SD58—Snare side. Nickel..\$7.80 Chrom..\$11.00
- No. DF57—Batter side. Nickel.. 4.00 Chrom.. 6.00

For Standard Ludwig Drums (Double flange)

- No. DF56—Snare side. Nickel..\$4.00 Chrom..\$6.00
- No. DF57—Batter side. Nickel.. 4.00 Chrom... 6.00

For Pioneer Model Drums (Single flange)

- No. MD54—Snare side. Nickel..\$2.50 Chrom..\$3.75
- No. MD55—Batter side. Nickel.. 2.50 Chrom... 3.75

For Universal Model Drums (No flange)

- No. UD54—Snare side. Nickel..\$1.25 Chrom..\$2.00
- No. UD55—Batter side. Nickel.. 1.25 Chrom... 2.00

Bass Drum Counter Hoops

- No. BDH11—Maple counter hoop, up to and including 28" size. Natural finish or any lacquer color. State size\$2.00
(Larger than 28" size\$3.00)
- No. BDH12—Pearl inlaid counter hoops, with mahogany edges, up to and including 28" size. State size and color of pearl desired.. 3.50
(Larger than 28" size\$4.50)

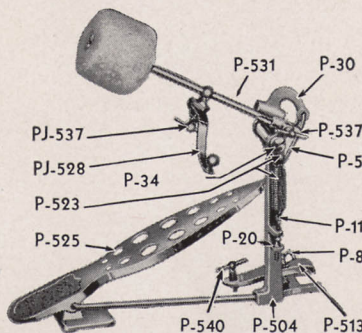
Parade Drum Counter Hoops

- No. CW3—Maple wood counter hoop. Batter side\$1.50
- No. CW4—Maple wood counter hoop. Snare side 1.50

Pedal Parts

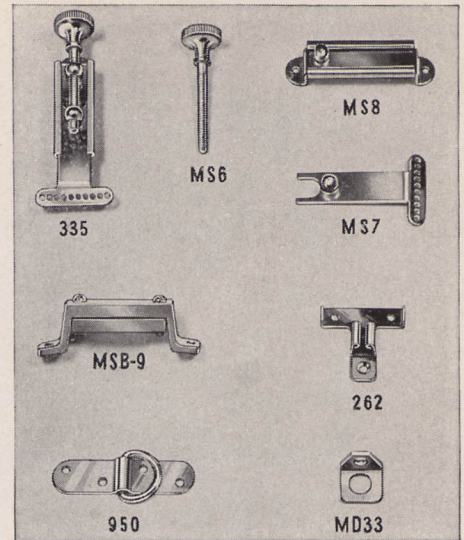
Parts for Speed Pedals—Nos. 326-327

- No. SP601—Stand assembly only. No attachments. Blue lacquered\$2.50
- No. SP600—Aluminum footboard 1.50
- No. SPJ528—Cymbal striker90
- No. SPJ537—Clamp screw for cymbal striker20
- No. SP74—Beater holder casting for No. 326 1.00
- No. SP74½—Beater holder casting for No. 327 1.50
- No. SP75—Adjustment screw for beater rod .20
- No. SP71—Spring only20
- No. SP76—Adjustment nut15
- No. SP69—Adjustment screw10
- No. SP72—Toe clamp70
- No. SP73—Toe clamp screw20
- No. SP70—Hangers joining footboard to beater rod casting45
- No. SP531—Beater rod assembly 1.50



Parts for Ludwig Original Pedal—No. 310

- No. P-504—Stand assembly only. No attachments..... \$3.75
- No. P-525—Footboard..... 1.75
- No. P-531—Beater rod assembly..... 1.50
- No. PJ-528—Cymbal striker, complete..... .90
- No. PJ-537—Clamp screw for cymbal striker..... .20
- No. P-30—Hump..... .40
- No. P-537—Clamp screw for beater rod..... .20
- No. P-34—Shaft screw..... .10
- No. P-523—Spring and clevis assembly..... 1.00
- No. P-10—Spring only. (For older models)..... .20
- No. P-11—Adjusting screw..... .10
- No. P-20—Adjusting nut..... .15
- No. P-513—Toe clamp..... .70
- No. P-8—Wing nut..... .10
- No. P-540—Toe clamp adjusting screw..... .20
- No. P-5—Hook..... .10



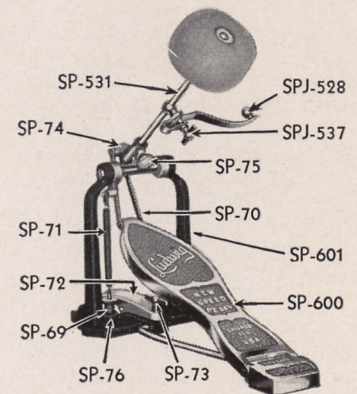
Strainer Repair Parts

- No. 335—Military Strainer. Complete ...\$2.00
- No. MS6—Snare tension screw25
- No. MS7—Slide plate65
- No. MS8—Slide for shell75
- No. MSB9—Snare butt50

Other Repair Parts

- No. MD33—Carrying eye for metal hoop drum\$0.25
- No. 950—Carrying ring for wood hoop drum35
- No. 262—Key holder (without key)25

(For wood hoops state shell diameter: 13", 14", 15", 16", or 18")
Pearl inlaid wood counter hoops. State shell size and kind of pearl desired
Specify for batter or snare side ...\$2.25



Parts for Super Speed Pedal—No. 309

- No. SS801—Stand assembly only. No attachments\$5.20
- No. SS800—Footboard 1.90
- No. SSP531—Beater rod assembly 1.50
- No. SS528—Cymbal striker. Complete90
- No. SSP537—Clamp screw for cymbal striker .20
- No. SS537—Clamp screw for beater holder. .20
- No. SS84—Beater holder casting 1.00
- No. SS80—Hump casting for beater65
- No. SS90—Hanger assembly joining footboard to hump casting45
- No. SS86—Spring and hook 1.25
- No. SS85—Spring barrel only75
- No. SS88—Rocker35
- No. SS82—Toe clamp70
- No. SS83—Toe clamp screw20

NOTE: Unless otherwise stated all repair part prices are for nickel plated finish.

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE

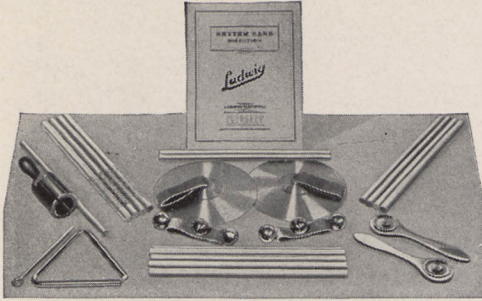
Ludwig & Ludwig RHYTHM Band Instruments

16 Pupil Outfit

This outfit is ideal for kindergarten, first and second grade grammar school groups or wherever the enrollment is small. Many groups start out with this outfit and add to it as the enrollment increases. This outfit consists of:

- 4 pair Rhythm Sticks, one notched (pair to pupil)
- 4 pair Rhythm Sticks, both plain (pair to pupil)
- 2 Jingle Clogs (one to pupil)
- 2 Sleigh Bells (one to pupil)
- 2 Cymbals with strap and beater (used singly)
- 1 Triangle with striker
- 1 Tone Block with beater
- Instruction Book

Complete 16-pupil outfit
No. 4648—Postpaid..... \$5.45



RHYTHM BAND DIRECTION

A thorough instruction method, written by Miss Lyravine A. Votaw of the Public School Department, formerly of the Bush Conservatory, Chicago. Gives complete instruction for holding and playing the various instruments. Nine scored arrangements are included in the book, all of which can be obtained on Victor or Columbia phonograph records.

No. 4401—Rhythm Band Direction\$1.00

22 Pupil Outfit

One of the most popular outfits for newly organized small groups in elementary grades. Instruments are finished in bright colors that appeal readily to the children. This outfit consists of:

- 6 pair Rhythm Sticks, one notched (pair to pupil)
- 4 pair Rhythm Sticks, both plain (pair to pupil)
- 4 Jingle Clogs (one clog to pupil)
- 2 Sleigh Bells (one to pupil)
- 2 Cymbals with strap and beater (used singly)
- 2 Tambourines
- 1 Triangle with striker
- 1 Tone Block with beater
- Director's Baton and Instruction Book

Complete 22-pupil Outfit
No. 4649—Postpaid..... \$8.50



30 Pupil Outfit

A thoroughly complete outfit, which has been carefully assembled for the greatest possible tonal variety and rhythm producing effects. All instruments in this group as in all other outfits are of the usual Ludwig high quality. This outfit consists of:

- 12 pair Rhythm Sticks, one notched (pair to pupil)
- 4 Jingle Clogs (one clog to pupil)
- 2 Sleigh Bells (one to pupil)
- 2 Ludwig Tone Blocks and beaters
- 1 Snare Boy (Drum effect) and beater
- 1 Tom Boy (Tom-Tom effect) and beater
- 1 Castanet on handle
- 4 Cymbals (used in pairs)
- 2 Triangles and strikers
- 2 Tambourines
- 1 Ludwig Rosewood Xylophone and mallets
- Director's Baton and Instruction Book

Complete 30-pupil Outfit
No. 4643
Postpaid\$16.85

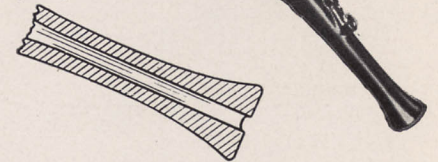


Genuine Fitchhorn SONG FLUTE Adds Melody at LOW COST

BUILT IN KEY OF C . . .
A-440 PITCH . . . EASY
TO BLOW . . . FLUTE-
LIKE TONE . . .
NATURAL FINGER
POSITIONS OF
TONE HOLES

Open tube principle makes this instrument easier to blow. Will not vary in pitch; responds quickly.

ONLY
\$1



Here is a real musical instrument to add melody to your Rhythm Band groups! Built in the key of C, it is possible to play direct from the melody line of piano accompaniment score. Also, the parts scored for tuned resonator bells are playable without transposition. Built on the open tube principle, this inexpensive instrument is easy to blow and simple to finger, and playing it is a real pleasure. There's no reed or embouchure to worry about—just put the Song Flute to your lips and blow! Tone holes are scientifically located for the natural position of the fingers and all notes are uniform in intonation, and most sharps and flats are played with ease. No tuning is required—truly the perfect inexpensive musical instrument for all Rhythm Band groups. Playing instructions included.

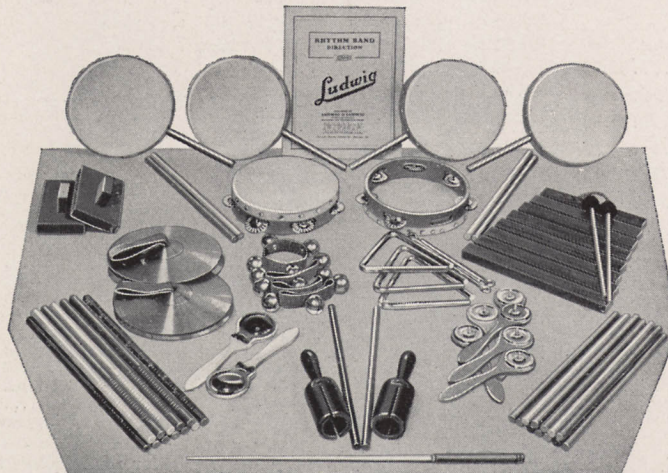
No. 4420—Song Flute, complete with playing instructions..... \$1.00

40 Pupil Outfit

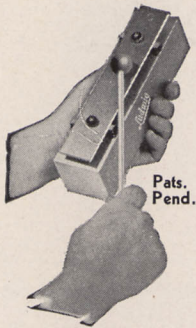
Especially recommended for large groups, composed of larger children. The instrumentation of this outfit has met with the approval of practically all instructors. This outfit consists of:

- 12 pair Rhythm Sticks, one notched (pair to pupil)
- 6 Jingle Clogs (one clog to pupil)
- 4 Sleigh Bells (one to pupil)
- 2 Castanets on handle
- 2 Tambourines
- 2 Snare Boys (drum effects) and beaters
- 2 Tom-Toms (Tom-Tom effects) and beaters
- 3 Triangles with strikers
- 1 pair Cymbals for crash
- 2 Cymbals with straps and beaters
- 1 Ludwig Rosewood Xylophone and mallets
- 1 pair Sand Blocks
- 2 Tone Blocks with beaters
- Director's Baton and Instruction Book

Complete 40-pupil Outfit
No. 4650—Postpaid \$23.00



Ludwig & Ludwig RHYTHM Band Instruments



Pats.
Pend.

No. 8403

Tuned Resonator Bells

Separate, individual little musical instruments, each having a steel bar mounted on its own little block resonator. Each bell is held in the hand and played by striking with its own individual mallet. Furnished in sets of 8 bells in keys of C, D, or E; and in 20 bell set, chromatic from C to G above the staff; or single bells, any note.

Bells should be used individually, one Bell to a pupil. The name of the note is stamped on each Bell and the pupil strikes his Bell as often as his particular note appears in the music score.

With each set of Ludwig Tuned Resonator Bells, is included the "Ludwig Tuned Resonator Bell and Rhythm Band Instructor," by Miss Gladys M. Stein. This book includes special selections for the Bells alone and with the Rhythm Band.

No. 8401—Set of 8 Bells, Key of C. Complete in box with instructor and 8 mallets. \$11.00

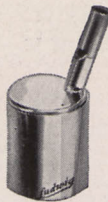
No. 8405—Set of 8 Bells, Key of D. Complete in box with instructor and 8 mallets. \$11.00

No. 8406—Set of 8 Bells, Key of E. Complete in box with instructor and 8 mallets. \$11.00

No. 8402—Set of 20 Bells. Chromatic from C to G above staff. Complete with box, instructor, and 12 mallets. \$25.00

No. 8403—Individual Bell with mallet. Order any note in chromatic scale. \$1.50

No. 4404—Tuned Resonator and Rhythm Band Instructor, by Miss Gladys M. Stein. Same as included with set. Each. \$1.00

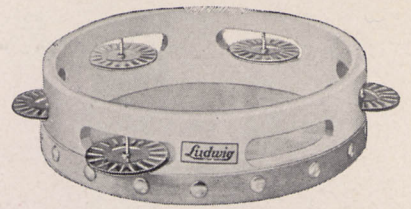


No. 4512

Bird Whistle

Professional type, water carrying bird effect. Variation of tone by regulating amount of water used. Bright nickel plated.

No. 4512—Ludwig Bird Whistle, each. \$0.90



No. 4489R

Ludwig Tambourines

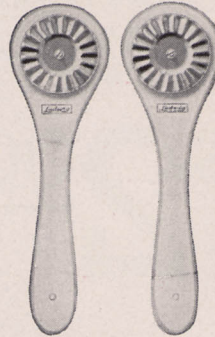
Ludwig Tambourines are built to withstand long, hard usage, and for excellency of tone. Shell is solid wood giving maximum strength, and head is of genuine white calfskin tacked firmly and evenly to the shell.

No. 4489R—Tambourine, 7" diameter, postpaid. \$1.00

Jingle Clogs

Consists of pair of fine quality metal jingles mounted on wood handle which is shaped to fit the hand. Used by holding in one hand and tapping against the other hand, or for "jingly" effects by waving and rotating wrist. Attractively colored handles.

No. 4631—Jingle Clogs, per pair of two handles. \$0.50



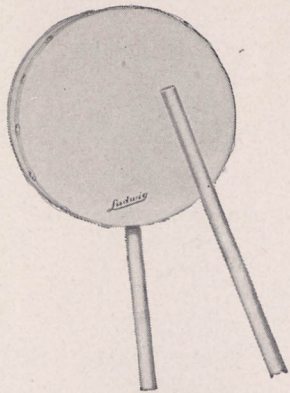
No. 4631

Snare Boy

Improved model with a fan spread of wires under a beating head of genuine white calfskin. An inexpensive substitute for regular snare drum.

No. 4402—Snare Boy, 7-in. diameter, with beater, each. \$1.25

No. 4403—Tom Boy. Similar to above, but without wires. Each. \$1.00

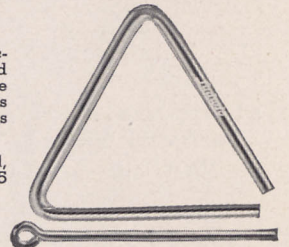


No. 4654

Rhythm Bell

Usually used on the accented beats. Equipped with durable, adjustable leather strap. Bell is 1 3/4" in diameter, and is bright nickel plated.

No. 4654—Rhythm Bell, each. \$0.45



No. 4487

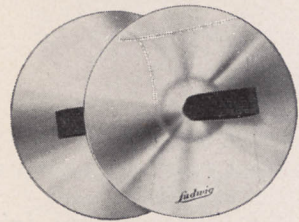
Ludwig Triangles

Ludwig Triangles are made to professional standards for Rhythm Band use, and produce that clear ringing tone that is so desirable. "Roll" effects are made by rapidly striking two sides of the triangle on the inside at one of the corners. Complete with striker, both plated in bright nickel.

No. 4487—6" Triangle, with Striker, each, postpaid. \$0.85

No. 4407—5" Triangle, with Striker, each, postpaid.45

No. 4406—Triangle Holders, postpaid, three for.25



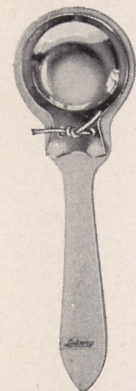
No. 4424

Cymbals

Professional quality throughout. Made of "spun" brass by skilled workmen. True cymbal tone is assured. Used either in pairs for crash effects, or individually with beaters.

No. 4424—Ludwig Cymbals with web straps, per pair. \$1.00

No. 4425—Ludwig Cymbal with web strap and beater, complete. \$0.55

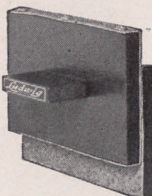


No. 4620

Sand Blocks

An ideal "swish" effect is obtained by simply rubbing one block against the other. Sandpaper is very easily replaced when worn smooth. Finished attractively in color.

No. 4752—Ludwig Sand Blocks, per pair. \$0.60



No. 4752

Rhythm Castanets

Consist of a pair of metal clappers in black enamel finish on a colored wooden handle. To use, hold in one hand and strike against the palm of the other hand for rhythmic beats. "Roll" effects are produced by rotating the wrist quickly, and in graceful sweeps of the arm and hand.

No. 4620—Ludwig Rhythm Castanets, each. \$0.60

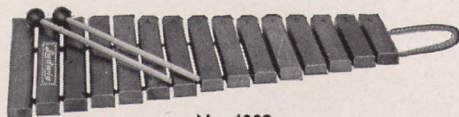
Rosewood Xylophones

Professional quality, selected genuine Honduras Rosewood. Accurately tuned, and with brilliant tone. Three models.

No. 4008—Eight bar Xylophone, key of C, complete with mallets, each. \$4.00

No. 4009—Fifteen bar Xylophone, key of C (two octaves), complete with mallets, each. \$6.50

No. 4010—Twenty-five bar Xylophone, key of C (two octaves, chromatic; separate row of accidentals), complete with mallets, each. \$10.00



No. 4009

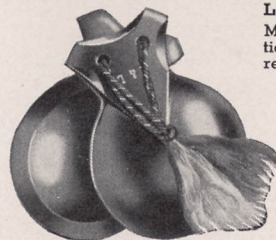


No. 4462

Ludwig Tone Block

Designed with an easily grasped handle that is integral with the block itself. Carefully made, beautifully finished, and supplied with a beater. Look for the Ludwig Trade Mark on the block.

No. 4462—Tone Block, each, postpaid. . . \$0.75



No. 4488

Ludwig Hand Castanets

Made of special composition, and moulded to the correct shape, Ludwig Castanets have a splendid tone that is hardly distinguishable from the imported Spanish castanets. Used by the older children in Rhythm Band work and especially for dancers. Furnished with colored silk cords.



No. 4416

Ludwig Sleigh Bells

Three full-toned bells mounted securely on a durable web strap. Can be used on the wrist or held in the hand. Bells are finished in bright nickel plating.

No. 4416—Sleigh Bells, each, postpaid. \$0.40

Ludwig Rhythm Sticks

Made of seasoned wood and finished in attractive, durable colors. Used in pairs. One stick is 13" long and notched while the other is 12" long and plain. "Click" effects obtained by striking one with the other, or by rubbing the plain stick against the notches in the other.

No. 4635—Rhythm Sticks, one notched and the other plain, per pair, postpaid. \$0.25

No. 4634—Rhythm Sticks, both plain, postpaid.25



Ludwig & Ludwig "TWIRLO" BATONS

Now Made With
**CHROMIUM
PLATED
SHAFT**

\$2⁰⁰



TWO MODELS

No. 536

Juvenile Twirlo
Length, 28"
Weight, 13 oz.

No. 537

Junior Twirlo
Length, 30"
Weight, 14 oz.



Rubber ball and tip protects floor and furniture.



Batons balance perfectly for twirling.



Ideal length and weight for two baton work.



Light weight—easy to throw and catch.



Ideal for lightning fast twirling.



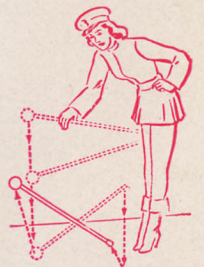
The perfect batons for class work.



Rubber ball and tip easily cleaned.



Correct length for under leg passes.



Strong and sturdy. Ideal for trick bounces and throws.

The World's Finest Batons for Juvenile Twirlers
The new "Twirlo" batons are the result of years of practical experience and the careful study and survey of the requirements of baton twirlers all over America. The size, weight, and length of these new batons meets every possible requirement for either one or two baton work, high throws, under leg and arm passes, trick movements, and speed twirling. They are designed and balanced for twirling only. Ludwig & Ludwig has led the field for many years in the manufacture of standard twirling batons, and the new "Twirlo" batons are undoubtedly the greatest value in twirling batons ever produced!

Many Sensational and Exclusive Features

These are the strongest, toughest, sturdiest twirling batons ever made in these sizes and weights. Shaft is of special metal alloy, seamless, non-rusting, chromium plated, ideal feel and grip for fast twirling, and will withstand the hardest usage. These are the perfect batons for youngsters—for length, weight, balance, and ease in twirling. Ideal for beginners and class work. The correct length for two baton work, finger spins, and speedy routines. The special ball and tip are of molded white rubber (not painted) and are easily washed with soap and water to keep them clean and bright. The rubber ball and tip prevent any noise or clatter when dropped, protect floor and furniture, and enable the user to develop special trick bounce routines. Correctly balanced and proportioned, these batons are ideal for high throws as the light weight makes them easy to throw and catch. Guaranteed as to durability, workmanship, finish, balance, and appearance under all normal twirling usage, these sensational new "Twirlo" batons are the greatest value in professional twirling batons ever offered and at the lowest price in baton history! Available in two lengths to meet all requirements. The 28" model is recommended for twirlers from 7 to 12 years of age. The 30" model is recommended for twirlers from 12 to 18 years of age.

No. 536—Juvenile TWIRLO Baton. Length 28". Diameter of shaft, 3/4". Weight, 13 ounces. Each	\$2.00
No. 537—Junior TWIRLO Baton. Length, 30". Diameter of shaft, 3/4". Weight, 14 ounces. Each	

The Ever Popular "Spinno" Batons

Here are the world's finest twirling batons—"Spinno" models made of seamless steel tubing. These batons combine ideal length and weight with perfect balance and maximum strength and sturdiness. They are designed with spiral center shaft which aids in gripping, and blank ends which give the illusion of tremendous speed with just the average or normal spin. Tips are half-round design, extremely strong, without any "curlycues" to injure the hand. Finished in the finest chromium plating which gives these batons an all over glitter and sparkle that makes them throw light like a sunburst. Used and recommended by twirling champions everywhere!

No. 535—Speed Spinno Baton. Has 3/4" diameter shaft of seamless steel tubing, 32" long and weighs approximately 18 ozs. Heavily chromium plated. Perfect for finger spins, throws, underarm and leg passes.
and two baton work. Each **\$7.50**

No. 543—Heavy Spinno Baton. Similar to above, but larger and heavier. Length, 34". Diameter of shaft, 7/8". Weight approximately 20 ozs.
Each **\$8.50**

No. 530—Junior Spinno Baton. Shaft is 3/4" diameter seamless steel tubing, and is heavily chromium plated. Length is 30", weight 16 ozs. Each **\$7.50**



NEW! Flash Pearl Baton

The baton you have been waiting for is now a reality! For the first time in baton history, "flash," "sparkle," and genuine "colorful beauty" are now actually built-into the design and construction of a baton.

Beautiful flash pearl is ingeniously molded over regular aluminum ball and shaft to give the unusual eye-appeal and attractiveness plus added strength and durability to the baton itself. Rigid tests have shown that this new flash pearl covering is considerably more durable than the ordinary baton and does not show the effects of dropping or other rough treatment.

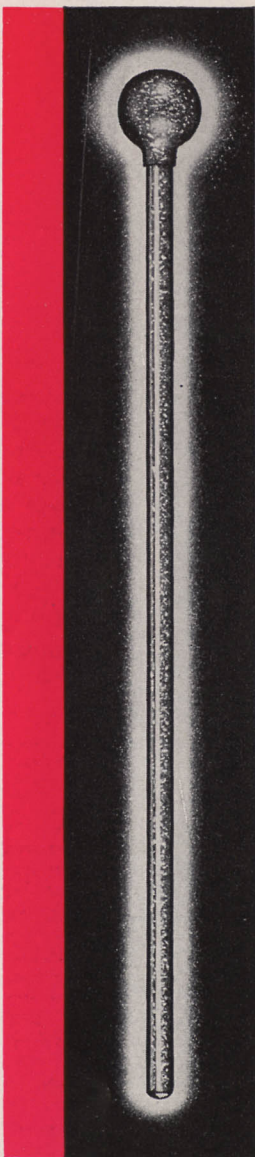
The size, weight, and length of this new Ludwig & Ludwig baton conforms to requirements for twirling and are balanced for best results. Approximate Length, 32", Weight, 18 ozs., Diameter of shaft, 3/4".

Balls available in any color flash pearl shown on page 4 (special order only). This new Flash Baton will help you dress-up your band or drum corps.

Supplied in all-Gold Flash pearl or all-Silver Flash pearl as standard. Fully guaranteed as to durability, workmanship, finish, balance, and appearance.

No. 544G—All Gold Flash Pearl Baton. . \$10.00

No. 544S—All Silver Flash Pearl Baton. 10.00



Baton Covers

No. 542—Made of heavy mackintosh cloth with zipper fastener. Specify model of baton intended for.
Each **\$3.00**



Ludwig Baton Protectors

Gum rubber protectors for ball and tip of any Ludwig SPINNO baton. Permits twirling practice in the house without danger of damaging floors or furniture, or marring the finish of the baton. Quickly put on or removed. A necessity for every baton twirler.

No. 553—Ludwig Baton Protectors. Per set **\$1.00**

Baton and Bugle Cords

No. 539—Yellow silk cord **\$1.50**
No. 540—Legion Yellow and Blue combination with tassels. Silk. 1.50

**SEE THE NEW
"SPIRAL
TWIRLO"
BATON**

on
PAGE 64

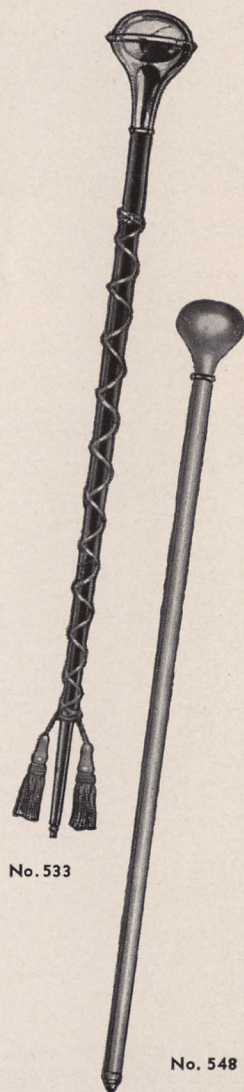
• • •
**ALSO TYPICAL
LUDWIG & LUDWIG
BATON USERS**

Standard SIGNAL Baton

No. 533—A favorite with drum majors for straight signal work. Blue enameled wood shaft with chromium plated heavy gauge brass ball and ferrule. Heavy yellow silk cord and tassels. Weight 26 ozs. Used extensively as a military signal baton in Drum Corps and Bands.
Each **\$12.00**

Junior SIGNAL Baton

No. 548—Extremely light in weight. 3/4" straight shaft of aluminum alloy, heavily nickel plated. Wooden ball is finished in gold lacquer. Recommended for Junior Corps, Ladies Auxiliary, Boy and Girl Scout Corps, for signal work only. Length, 32"; weight about 11 ozs. Each **\$4.00**



No. 533

No. 548



New "Spiral Twirlo" Baton

CHROMIUM PLATED METAL ALLOY
SHAFT • FAMOUS SPINNO SPIRAL
ONLY

\$2.50

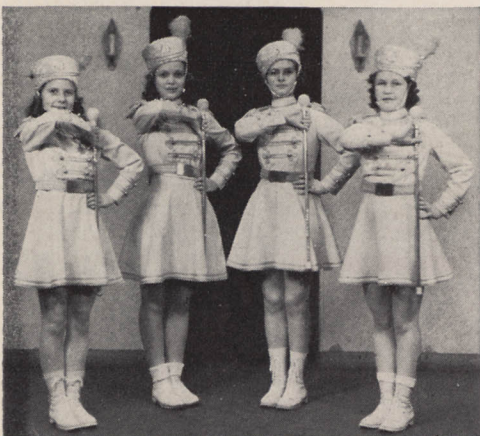
Similar in design and construction to No. 537 "Twirlo" Baton on page 62, but has the famous "Spinno" Spiral added to the shaft. The shaft is special metal alloy, seamless, non-rusting, with the ideal "feel" and grip for fast, difficult twirling routines. The special ball and tip are of white rubber, easily cleaned with soap and water. 30" long, with 3/4" diameter shaft, it weighs 15 oz.

No. 532—New "Spiral Twirlo" Baton, chromium plated. \$2.50



Above—NORMAN ERICKSON, National Champion Twirler who uses Ludwig & Ludwig.

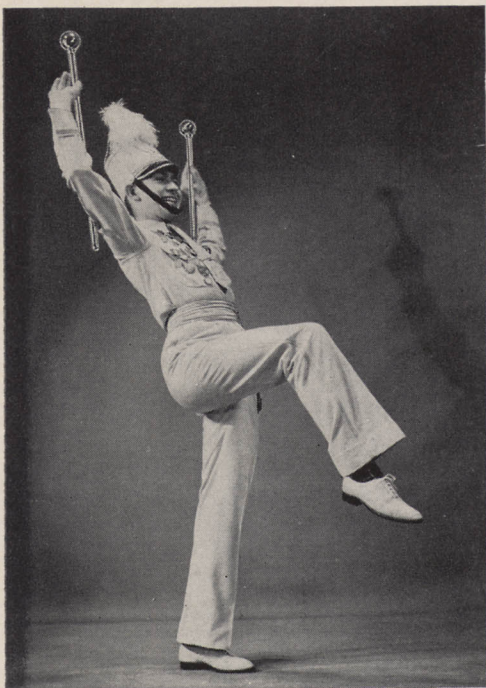
Right—FRED FENNELL, Eastman School of Music. Uses Ludwig & Ludwig.



Above—Centralia, Ill., Twirlers. Helen Perkins, LaVerne Ring, Betty Ray, and Norma June Love.

Right—Centralia, Ill., Twirlers. Dale Hubbard, Wendall Sinclair, Billie Carlyle, and Betty June Sisson.

Below—ROGER LEE, National Champion Baton Twirler and author, "How to Twirl a Baton." Uses and recommends Ludwig & Ludwig Batons.



Right—BECKY HAVENS, of Bengal Guards Drum and Bugle Corps, Orange, Texas.



Below—SARLENA SHERMAN, Topeka, Kans., National First Division Baton Twirler.

Above—AUDREY CORLEY, Sensational baton twirler and Ludwig & Ludwig user.



Below—RAYMOND GAEDKE, Sensational Chicago Twirling Baton Artist.



Left—DON WILLIAMS Professional twirling star rodeo and show.



Below—Tuscon, Ariz., H.S. Baton Twirlers. Directed by Miss Nelda Taffee. Completely equipped with Ludwig & Ludwig Batons.



Above—HERMAN WIEGMAN. Three times National H. S. Twirling Champion.



INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE



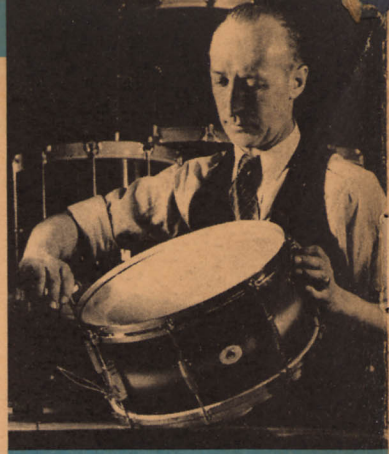
George Lewan, Drum Assembly Department. A Ludwig & Ludwig craftsman for 22 years.

30 YEARS
OF
PROGRESS



Carl Johnson, Tympani Assembly Department. 18 years a Ludwig & Ludwig craftsman.

1910
•
1940



C. Flurke, Assembly Department Foreman. 21 years with the Ludwig & Ludwig company.



Max Perra, Drum Stick finisher. 14 years with the Ludwig & Ludwig company.

*Made by Drum Artists
for Artist Drummers*

For thirty years the name LUDWIG & LUDWIG on drums and accessories has stood for highest quality, with satisfaction and service guaranteed. Since the first foot pedal in 1910, the history and growth of Ludwig & Ludwig has been synonymous with newer, finer, and better percussion instruments.

Importance of Fine Craftsmanship

Largely responsible for the wide acceptance of and general preference for genuine Ludwig & Ludwig equipment, are the scores of fine craftsmen (a few of whom are pictured here) who have devoted their working lifetime to the manufacture of Ludwig & Ludwig drums and drummers' equipment. The skill and knowledge of these men are the result of years of experience in their chosen craft and cannot be duplicated by ordinary workmen. It is only natural then, that the quality and service which genuine Ludwig & Ludwig equipment assures have won the acclamation of exacting professionals in every field of drumming, and that Ludwig & Ludwig is universally recognized as the "Drum Standard of the World."

LUDWIG & LUDWIG, INC.

The Drum Standard of the World

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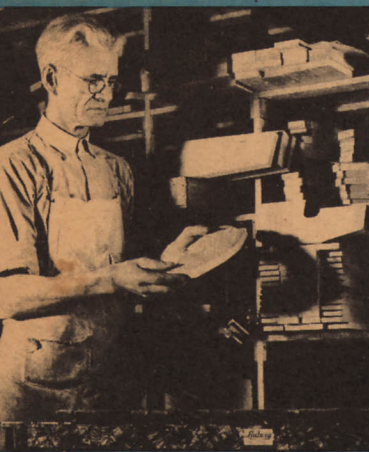
Ed Kolo, Metal Parts Assembly. A Ludwig & Ludwig craftsman for 18 years.



Paul Klein, Machine Shop. 19 years of Ludwig & Ludwig craftsmanship.



Carl Heigl, Drum Head Department. A Ludwig & Ludwig craftsman for 13 years.



E. A. Lindstrom, Wood Shop Foreman. 16 years of Ludwig & Ludwig craftsmanship.



Edward Duszak, Repair Department. 16 years of Ludwig & Ludwig craftsmanship.



Casimer Wozniak, Shipping Department. 13 years with the Ludwig & Ludwig company.



John Smith, Parts Stock Foreman. 16 years with the Ludwig & Ludwig company.

Ludwig & Ludwig INCORPORATED

DRUM STANDARD OF THE WORLD



**EVERYTHING FOR THE MODERN DRUMMER ★ DANCE
RADIO ★ STAGE ★ SYMPHONY ★ DRUM CORPS ★ RHYTHM BAND**