Index

CatalOg No. 40-B

Bass Drums ........................................ 14, 15, 16, 17
Base Drum, Scotch .................................. 13
Base Drum Blinker Lights ......................... 28
Base Drum Muffles ................................ 14
Base Drum Stands .................................. 35
Base Drum Sticks ................................... 40
Baton Covers, Bass Drum ......................... 62, 63
Bells ..................................................... 50
Bell-Lyra, Standard and Alto Models .......... 61
Blinker Lights for Bass Drum .................... 28
Blues, Wire ............................................. 34
Brushes, Wire ......................................... 39
Bugles ................................................... 56
Bugle-Lyra ............................................. 57
Cases for Drums, Fibre .................... 42, 50, 51
Chimes .................................................. 51
Cow Bells and Holders ......................... 41
Cow Bells .............................................. 61
Cow Bells, Macintosh, Drum ................. 43
Cymbals ............................................... 29, 30
Drum, Tenor .......................................... 31
Drum, Snare ........................................... 28
Drum Straps and Pins ................................ 55
Drum Stands ........................................... 55
Decorations, Pearl .................................. 4
Deluxe Drum Finishes .......................... 4
Drummers’ Throne ............................ 4
Drum, Practice Pad .................................. 37
Drums, Snare ......................................... 56, 57
Drums, Bass ........................................... 14, 15, 16, 17
Drums, Parade ........................................ 10, 11, 12
Drums, Cymbal ........................................ 13
Drums, Scotch Bass ............................. 42
Drum Outfits ......................................... 18 to 22
Drum Corp Drums .................................. 10 to 13
Drum Corp Accessories .................... 44, 45
Drum Cases, Fibre ............................... 42
Drum Cases, Macintosh ....................... 43
Drum Heads ............................................. 44
Drum Motors, Electric ......................... 45
Drum Keys .............................................. 37
Drum Repair Parts .............................. 56, 57
Drum Slings ............................................ 58
Drum Stands ........................................... 55

Features

Snare Drum .......................................... 5
Base Drum ............................................ 13
Mallet Instruments .............................. 46
Tympani .............................................. 52
Fiberglass Cases .................................. 44
Finishes, Special .................................. 4
Flute, Song ............................................. 30
Flash Pearl Baton ................................ 63
Gongs, Chinese .................................... 30
Gong Stands ......................................... 30
Glockenspiel ........................................ 31
Gut Snares ........................................... 36

Heads, Snare, Base, Tympani, and Banjo 44, 45
Head Tying Tool .................................. 36
Holders, Cow Bell ................................ 34
Holders, Cymbal ................................... 34
Holders, Temple Block ......................... 33
Holders, Tom-Tom .................................. 24, 25
Holders, Triangle .................................. 34
Holders, Wood Block ............................ 34

Imitations, Sound .................................. 37
Instruction Books .................................. 23
Internal Tone Control ......................... 38

Keys, Drum ............................................ 37
Leg Rest, Parade Drum ....................... 55
Lights for Base Drum ....................... 31
Lyra, Bell and Bugle ........................... 51, 57

Macintosh Drum Covers ..................... 43
Mallets, Bell, Xylophone, Maxima Chimes, and Vibra-Celeste 41
Marcas ................................................. 36
Marimbas .......................................... 36
Mallet Instruments ......................... 46 to 51
Monster Bass Drums ............................ 42
Mufflers, Bass Drum ............................. 47
Music Holders ..................................... 55

Oufts .................................................. 18 to 22
Pearl Finishes ...................................... 3
Parade Drums ....................................... 5
Pedals ................................................. 11 to 13
Percussion ......................................... 26, 27
Pedal Parts .......................................... 56
Piston Bugles ...................................... 56
Practice Pads, Drum ............................ 57
Rain covers for Parade Drums .......... 55
Repair Parts, Drum ............................. 56, 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, Super-Ludwig, Gut-Silk-Wire .... 36
Snare Strainer, Standard ..................... 7
Snare Strainer, Super-Ludwig .......... 26, 27
Snare Strainer, Super-Duo ................... 8, 10
Snare Strainer, Repair Parts ....... 59
Song Flute .......................................... 60
Song Whistle ....................................... 37
Sparx, Bass Drum .............................. 56
Stands, Drum ....................................... 36
Stands, Tom-Tom ................................. 24
Stands, Cymbal and Gong ................... 30
Sticks, Horn ........................................... 38
Sticks, Blue Ead .................................. 38
Sticks, Rosewood .................................. 38
Sticks, Specialty .................................. 38
Sticks, Timpani .................................. 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
Tom-Toms, Single Head, Internal .... 32, 33
Trap Reeks .......................................... 34
Triangles and Holders ...................... 34
Tuning Bars .......................................... 37
Tunel, Tom-Tom ................................. 24, 25
Vibra-Celestes .................................. 41
Vibra-Celeste Mallets ...................... 41

Whistle, Drum Major’s .................... 55
Whistle, Song........................................ 37
Wire Brushers ...................................... 39
Wire, Plated and Hardened .......... 40
Xylophones ......................................... 40, 50
Xylophone Mallets ............................. 41


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- first to develop and promote new finishes, colors, and decorative designs.
- first to develop chromatic mounted aluminum bell-lyra and bugle-lyra.
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LUDWIG & LUDWIG
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.

BOY 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 Hatsers 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 (BING 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.
Below, left to right: Top Row

OTTO KRISTUFEX, fine tympani artist of Chicago and author of the Ludwig Tympani Instruction. 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 GARR, percussion artist with Abe Lyman's great orchestra. Fully equipped with Ludwig & Ludwig drum equipment and accessories.

Right, Top to Bottom:

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


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.

Below, left to right: Bottom Row

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

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


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

GIL BAKER, 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 Lopes, 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.

| 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.

Multi-Color Finishes

Beautiful lacquer finishes dexterously 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 tenor drum.

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.

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?
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.

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

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

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

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.

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

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. Snare 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.
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.

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

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-Snare 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.

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 6½x15", 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 8" x 15" 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 butter 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. Built-in accurate adjustment of one set of snares is effected by turning the knurled knob shown with the levers. Insert, "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

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

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

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

Insist on Genuine Ludwig & Ludwig equipment...there is no substitute.

OTHER SUPER DUO SNARE DRUMS ILLUSTRATED AND DESCRIBED ON PAGE TEN.
Ludwig & Ludwig Pioneer Snare Drum

6 ½” x 14” or 5” x 14” 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 6 ½” x 14”. Nickel plated finish .................. $25.00
No. 48—Mahogany shell, metal hoops. Size 6 ½” x 14”. Nickel plated fittings. 25.00
No. 17—Metal shell, size 5” x 14”. Nickel plated finish .................. 25.00
No. 47—Mahogany shell, metal hoops. Size 5” x 14”. 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” x 14” only.

No. 12—Metal shell, size 5” x 14”. Shell and all parts heavily nickeled . . . $18.50
No. 31—Mahogany Shell, size 5” x 14”. 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 laquered 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 6 ½” x 14” ........................ $19.50
Snappi-Snares supplied at time of order, extra charge only ............. .75

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 3 ½” x 12”, 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 3 ½” x 13” only.

No. 4395—Metal shell, size 3 ½” x 13”. Shell and all parts heavily nickeled ............................................. $11.50
No. 4398—Mahogany Shell, size 3 ½” x 13”. Nickel plated metal parts ............................................. 11.50
New Ludwig & Ludwig "Super-Duo" Parade Drums

WITH NEW DESIGN "SUPER-DUO" STRAINER AND
CENTRED 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 independently of the other... Or for tom tom effects, allows both sets of snares to be released at same time.


Page 10

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE
Ludwig & Ludwig
Triumphal 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. 320—Size 12”x15”.
With natural finish Mahogany shell (or choice of lacquer colors) and nickel plated metal parts as described and illustrated...
Same, but with Chromium plated metal parts
With choice of Ludwig Pearl shell and Nickel plated metal parts
With choice of Ludwig Pearl shell and Chromium plated metal parts

$38.00
48.00
50.50
60.50

Ludwig & Ludwig
Champion Parade Drum
With Self-Aligning Rods, and Separate Tension Cases

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. 227—Size 12”x15”.
Mahogany shell and Maple hoops in natural finish (or choice of lacquer colors), with Nickel plated fittings...
Mahogany shell and Maple hoops (or choice of lacquer colors) with Chromium fittings
With choice of Ludwig Pearl shell and Nickel plated fittings
With choice of Ludwig Pearl shell and Chromium plated fittings...

$35.00
45.00
47.50
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...
Pearl inlaid hoops, extra...
Same, but with Chromium plated metal parts
With choice of Ludwig Pearl shell and Nickel plated metal parts
With choice of Ludwig Pearl shell and Chromium plated metal parts...

$30.00
1.50
40.00
42.50
52.50

Popular Parade Drum

12”x19” 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, 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 calf skin heads.

Sticks and Sling Included
No. 216—Popular Parade Drum, 12”x15”, Mahogany shell, Maple hoops, nickel plated fittings. Each...
Choice of lacquer colors on shell and hoops...
Pearl inlaid hoops...

$25.00
$1.50 Extra
1.50 Extra

Page 11

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT... THERE IS NO SUBSTITUTE
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" x 14", 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 call Ludwig heads are standard.

Sticks and Sling Included.

<table>
<thead>
<tr>
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<tr>
<td>No. 256</td>
<td>10&quot; x 15&quot; size, Single tension. Does not have tension cases or self-aligning rods. Nickel plated fittings</td>
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<tr>
<td>No. 257</td>
<td>10&quot; x 14&quot; only, with Mahogany finish shell, Maple hoops and Nickel plated fittings. WITH CENTER SUPPORT STUDS</td>
<td>$20.00</td>
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Extra charge for gut snares on Nos. 256, 257, or 258 .......... $1.75

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

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 Calafskin heads.

Sticks and Sling Included.

<table>
<thead>
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</thead>
<tbody>
<tr>
<td>No. 260</td>
<td>10&quot; x 14&quot;. With Mahogany finish shell, Maple hoops, and wire-wound snares. Nickel plated fittings only</td>
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<td>No. 261</td>
<td>10&quot; x 15&quot; size, Separate tension, self-aligning rods, new tension cases. Nickel plated fittings</td>
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<td></td>
<td>Extra for gut snares</td>
<td>$1.75</td>
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<td></td>
<td>For choice of lacquer colors on shell and hoops</td>
<td>$1.50 Extra</td>
</tr>
<tr>
<td></td>
<td>Pearl Inlaid Counter Hoops</td>
<td>$1.50 Extra</td>
</tr>
</tbody>
</table>

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" x 13" only. Sticks and slings included.

No. 4355—Juvenile Cadet Parade Drum as illustrated and described, size 8" x 13" .......... $15.00

For choice of color on shell and hoops, add .......... 1.50

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. 4318—Juvenile Parade Drum, size 7" x 12", complete with sticks and sling .......... $8.50

**INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE**
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 figures gives 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.

Adult Models

Ludwig Tenor Drums, made in both separate and single tension models, combine an 16” head surface with a 12” shell depth and two perfectly matched white calf skin 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 calf skin 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

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” x 15” Junior Tenor Drum which is constructed exactly like the No. 2855 with double claw rods, mahogany shell, maple counter hoops and matched white calf skin 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

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 $48.00
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 $19.00 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 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 thumb screws to interfere with difficult maneuvers. Made with genuine mahogany shell, maple counter hoops and nickel plated rods with double claw hooks. Fine matched calf skin heads, equipped with heavy ring for fastening drum to sling. Single tension only.

Complete with Sticks and Sling.

No. 773—Size 6”x24”. Mahogany Shell, Maple Counter Hoops and Nickel plated Rods (8 to 12 years) $32.25
No. 775—Size 6”x28”. Mahogany Shell, Maple Counter Hoops and Nickel plated Rods (12 to 16 years) $33.75
No. 777—Size 5”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 14"x26" Bass 
Drum, a 6⅜"x14" 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

Two New Tom Toms
Furnished in two models, 7x11" and 9x13", 
both Tom Toms have the new PLASTIC cas- 
ings. 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 PLAS- 
TIC casings, choice of Bi-Tone col- 
ors as listed: Blue and Gray, Tan 
and Brown, or Black and Gold Mul- 
ti-Color. Metal parts nickel plated.$15.00 
No. 1044—9x13" Tom Tom with PLAS- 
TIC casings, choice of Bi-Tone col- 
ors as listed: Blue and Gray, Tan 
and Brown, or Black and Gold Mul- 
ti-Color. Metal parts nickel plated.$18.00

6⅜" 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

Page 14

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT . . . THERE IS NO SUBSTITUTE
Finest Quality Materials and Superior Construction Features
Make Ludwig & Ludwig Bass Drums the World’s Finest...

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 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.

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.

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

<table>
<thead>
<tr>
<th>Code Name</th>
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<tr>
<td>Thunderer</td>
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<td>Gigantic</td>
<td>22&quot; x 60&quot;</td>
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<td>Titan</td>
<td>20&quot; x 48&quot;</td>
</tr>
<tr>
<td>Leviathan</td>
<td>22&quot; x 72&quot;</td>
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</tbody>
</table>

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 straps .............. Prices on Request

No. 991/2†—Four-wheel steel carriage with wire-spoke, solid rubber-tired wheels for drums more than 60" diameter. Complete with straps .............. Prices on Request

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

Page 18
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.

Single Tension
With Streamlined Tension Cases

<table>
<thead>
<tr>
<th>Drum Size</th>
<th>Nickel</th>
<th>Chromium</th>
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<tbody>
<tr>
<td>No. 123—12” x 26”</td>
<td>$39.00</td>
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<td>No. 124—14” x 26”</td>
<td>38.00</td>
<td>46.00</td>
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<tr>
<td>No. 125—14” x 28”</td>
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<td>50.00</td>
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<tr>
<td>No. 126—14” x 30”</td>
<td>44.00</td>
<td>54.00</td>
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<td>No. 127—16” x 30”</td>
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<tr>
<td>No. 128—16” x 32”</td>
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<tr>
<td>No. 129—16” x 34”</td>
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Separate Tension
With Streamlined Casings and Self-Aligning Rods

<table>
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<td>No. 103—14” x 26”</td>
<td>$51.00</td>
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<td>No. 108—16” x 30”</td>
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<td>No. 116—16” x 34”</td>
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NOTICE, PLEASE
FOR CHOICE OF LACQUER COLORS ON SHELL AND HOOPS, OR BLUE AND SILVER MULTICOLOR, 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.
Ludwig & Ludwig
ARTIST BASS DRUMS

GENUINE MAHOGANY SHELL • AERO-KRAFT CONSTRUCTION • SELECTED MAPLE HOOPS
FINE WHITE 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

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<td>162</td>
<td>14&quot;x30&quot; (12 rods)</td>
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<tr>
<td>163</td>
<td>16&quot;x30&quot; (12 rods)</td>
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SINGLE TENSION (No Center Supports)

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SINGLE TENSION (With Center Supports)

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<td>174</td>
<td>16&quot;x30&quot; (12 rods)</td>
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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.

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE
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 “Top” 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:

<table>
<thead>
<tr>
<th>No.</th>
<th>Item Description</th>
<th>Price</th>
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<td>1</td>
<td>28PVX 6x14 Metal Hoop Snare Drum, White Avalon Pearl “Top Hat” Design on shell</td>
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<td>313 Giant Drum Spurs</td>
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<td>109PVX 7x11” Separate Tension Tom Tom, White Avalon Pearl “Top Hat” design on shell</td>
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<td>1120 Universal Trap Rack for 26” Bass Drum</td>
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<td>1</td>
<td>431 10” Zenjian Cymbal</td>
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<td>1</td>
<td>660 8-0 Swing Star Hickory Sticks</td>
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**TOTAL VALUE** $360.50

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

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

Complete Outfit Consists of:

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<tr>
<th>Item</th>
<th>Description</th>
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<td>1 No. 19 6½x14” Snare Drum, Metal Hoops, Plastic Casings, Separate Tension, Lacquer Shell</td>
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<td>1 No. 334—Snare Drum Stand</td>
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<td>1 No. 120 14x26” Bass Drum, Plastic Casings, Lacquer Shell, Pearl Inlaid Hoops</td>
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<tr>
<td>1 pr. No. 313 Long Spike Spurs</td>
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<td>1 No. 1043 7x11” Tunable Tom Tom, Plastic Casings, Lacquer Shell</td>
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<td>1 No. 943 Hi-Sock Pedal</td>
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<td>1 No. 429 10” Brass Cymbal for Hi-Sock Pedal</td>
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<td>1 No. 936 10” Turkish Type Stanhope Cymbal for Hi-Sock Pedal</td>
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<td>2 No. 451 High Rod, 18” Cymbal Holders @ $1.50</td>
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<td>1 No. 927 11” Turkish Type Cymbal</td>
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<td>1 No. 462 Wood Block</td>
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<td>1 No. 565 B-25 Cow Bell</td>
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<td>1 No. 453 Cow Bell and Wood Block Holder</td>
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<td>1 pr. No. 630 Wire Brushes</td>
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<td>1 pr. No. 584 3-A Hickory Sticks</td>
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</table>

TOTAL VALUE .. . .. $155.10

Page 19
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 .......................................................... 9.00
1 No. 125PV 14x28" Super Model White Avalon Pearl and Nickel Bass Drum ........................................... $ 66.00
1 No. 307 Pedal .......................................................... 10.00
1 Pr. No. 313 Spurs .......................................................... 1.50
1 No. 1026PV 7½x11" 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 Back .......................................................... 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 .......................................................... 9.00
1 No. 564 B-24 Cow Bell .......................................................... 1.00
2 No. 1125 Cymbal Holders @ $ 1.50 .......................................................... 3.00
1 No. 927—11" Turkish Type Stanpole Cymbal ........................................... 5.00
1 No. 928—12" Turkish Type Stanpole Cymbal ........................................... 5.75
1 No. 667 Bass Drum Muffler .......................................................... 1.75
1 Pr. No. 630 Jazz Sticks .......................................................... 6.00
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. 1171FBV Same Outfit, but with Black Avalon Pearl in place of White Avalon Pearl ........................................... $196

No. 1171D Same Outfit, but with White Lacquer finish on Drums and Tom Toms ........................................... $156.00
No. 1171E—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 .......................................................... $159

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. 28BLC 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 7½x11" Black and Gold Multi-Color Tom Tom ........................................... 15.00
1 No. 1027BLG 8½x12" Black and Gold Multi-Color Tom Tom ........................................... 16.50
1 No. 1028BLG 9½x13" 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. 1128 Rail Cymbal Holders @ $ 1.50 .......................................................... 3.00
1 No. 927—11" Stanpole Cymbal .......................................................... 9.00
1 No. 928—12" Stanpole Cymbal .......................................................... 6.75
1 No. 943 Hi-Hat Sock Pedal .......................................................... 10.00
1 No. 926—10" Stanpole Cymbal .......................................................... 4.50
1 No. 428—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-26 Cow Bell .......................................................... 9.00
1 Pr. No. 986 Creako Cymbals and Holders .......................................................... 2.25
1 No. 667 Bass Drum Muffler .......................................................... 1.75
1 Pr. No. 604 Rubber Handle Wire Brusher .......................................................... 1.00
1 Pr. No. 660 8-0 Swing Star Sticks .......................................................... 45

TOTAL VALUE .......................................................... $201.00

No. 1148BLG STREAMLINER OUTFIT, as illustrated and described; Black and Gold Multi-Color .......................................................... $191

No. 1148BLS STREAMLINER OUTFIT, same as above only Blue and Silver Multi-Color .......................................................... $191

Page 20

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE
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. 28BGL6 6½ x 14" Black and Gold Multi-Color Snare Drum $38.00
1 No. 396 Snare Drum Stand 5.00
1 No. 124BGL 14 x 26" Super Bass Drum, Black and Gold Multi-Color Shell, Gold Flash Pearl Inlaid Hoops 41.00
1 No. 317 Speed Pedal 3.50
1 Pr. 313 Giant Bass Drum Spurs 1.50
1 No. 125BGL 8 x 12" Single Tension, Tunable Tom Tom, Metal Hoops, Calf Heads, Black and Gold Multi-Color Finish 16.00
1 No. 125BGL 12 x 14" Single Tension, Tunable Tom Tom, Metal Hoops, Calf Heads, Black and Gold Multi-Color Finish 22.00
2 No. 976 Tom Tom Holders @ $3.50 7.00
1 No. 945 6-1/2" Hi-Sock Pedal 1.50
1 No. 429—12" Brass Cymbal for Hi-Sock 1.15
1 No. 926—10" Snare Cymbal for Hi-Sock 4.00
1 No. 667 Bass Drum Muffler 1.75
2 No. 451 Cymbal Holders @ $1.50 3.00
1 No. 927—11" Snare Cymbal 5.00
1 No. 928—12" Snare Cymbal 7.50
1 No. 453 Combination Wood Block and Cow Bell Holder 1.50
1 No. 462 Wood Block 1.00
1 No. 566 B-24 Cow Bell 1.00
1 No. 566 B-25 Cow Bell 0.90
1 Pr. 604 Rubber Handle Wire Brushes 1.00
1 Pr. 660 Swing Star Hickory Sticks 0.45

TOTAL VALUE $177.00

No. 1182BLS Ludwig & Ludwig Swing Session Outfit, as illustrated and described, complete 2.00

No. 1182BLS Same Outfit, but in Blue and Silver Multi-Color 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. 28BGL6 6½ x 14" Black and Gold Multi-Color Snare Drum $38.00
1 No. 334 Snare Drum Stand 3.50
1 No. 124BGL 14 x 26" Bass Drum, Black and Gold Multi-Color, with Gold Flash Inlaid Hoops 41.00
1 No. 317 Speed Pedal 3.50
1 Pr. 313 Spurs 1.50
1 No. 127BGL 9 x 13" 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. 566 B-25 Cow Bell 0.90
1 Pr. 986 Greeko Cymbals and Holders 2.25
2 No. 451 Cymbal Holders @ $1.50 3.00
1 No. 926—10" Snare Cymbal 4.50
1 No. 927—11" Snare Cymbal 5.00
1 No. 667 Bass Drum Muffler 1.75
1 Pr. 630 Wire Brushes 0.80
1 Pr. 660 B-0 Swing Star Hickory Sticks 0.45

TOTAL VALUE $129.50

No. 1182BLS MANHATTAN Multi-Color Outfit, as illustrated and described, complete 2.00

No. 1182BLS MANHATTAN Multi-Color Outfit, in Blue and Silver Multi-Color, complete 2.00

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 6½ x 14" Universal Snare Drum, Multi-Color Black and Gold, Snappy Snare $21.75
1 No. 330 Snare Drum Stand 2.50
1 No. 121BGL 14 x 26" Black and Gold Multi-Color Bass Drum, with Gold Flash Inlaid Hoops 39.50
1 No. 316 Lever Pedal 5.00
1 Pr. 326 Spars 0.60
1 No. 1041 7 x 10" Single Head, Single Tension Tunable Tom Tom, Black and Gold Multi-Color, Metal Hoops, Calf Head 13.00
1 No. 1042 9 x 13" 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. 462 Wood Block Holder 0.75
1 No. 462 Wood Block 1.00
1 No. 630 Upright, No. 566 Cow Bell Clamp 0.90
1 No. 566 B-25 Cow Bell 0.90
1 No. 470 Cymbal Holder 1.50
1 No. 927—11" Standard Cymbal 5.00
1 No. 667 Bass Drum Muffler 1.75
1 Pr. 630 Wire Brushes 0.80
1 Pr. 660 B-0 Swing Star Hickory Sticks 0.45
1 Instruction Book

TOTAL VALUE $113.20

No. 1193BLS CHIEF Outfit, as illustrated and described, complete 2.00
No. 1193BLS CHIEF Outfit, with Blue and Silver Multi-Color 2.00

Page 21

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE
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 Snapi-Snares $31.75
2. No. 330 Snare Drum Stand ........................................... 2.50
3. No. 170BLG 12x26” Black and Gold Multi-Color Bass Drum, with Inlaid Hoops 35.50
4. No. 318 Pedal ........................................................... 5.00
5. pr. No. 328 Spurs ....................................................... .60
6. No. 1041BLG 7x10” Black and Gold Multi-Color, Single Head, Single Tension Tom Tom 13.00
7. No. 977 Tom Tom Holder ............................................. 1.75
8. No. 462 Wood Block ................................................... 1.00
9. No. 468 Wood Block Holder ......................................... .75
10. No. 470 Cymbal Holder ............................................... 1.50
11. No. 927 11” Stanpole Cymbal ..................................... 5.00
12. No. 867 Bass Drum Muffler ......................................... 1.75
13. pr. No. 650 Trash Sticks ............................................. .60
14. pr. No. 660 8-0 Swing Star Sticks ................................. .45
15. Instruction Book ....................................................... 1.00

TOTAL VALUE .................................................. $92.65

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

No. 1184BLIS—Same outfit, but with Blue and Silver Multi-Color .................................................. $85.50

OFF-SET IN PLAIN BLACK OR WHITE LACQUER

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
2. No. 330 Snare Drum Stand ............................................. 2.50
3. No. 169 12x24” Artist Model Bass Drum ............................ 28.00
4. No. 316 Pedal ........................................................... 5.00
5. pr. No. 328 Spurs ....................................................... .60
6. No. 479 Cymbal Holder ............................................... 1.50
7. No. 927 11” Turkish Type Stanpole Cymbal ........................ 5.00
8. No. 453 Cow Bell and Wood Block Holder ......................... 1.50
9. No. 462 Wood Block ................................................... 1.00
10. No. 564 B-24 Cow Bell ............................................... 1.00
11. No. 565 B-25 Cow Bell ............................................... .90
12. pr. No. 3-A Hickory Sticks .......................................... .45
13. Instruction Book ....................................................... 1.00

TOTAL VALUE .................................................. $67.95

No. 1174L—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
2. No. 330 Snare Drum Stand ............................................. 2.50
3. No. 4024 8x22” Universal Bass Drum, Maple Shell and Maple Counter Hoops ........................... 24.00
4. No. 316 Pedal ........................................................... 5.00
5. pr. No. 328 Spurs ....................................................... .60
6. No. 418 Juvenile Cymbal Holder .................................... .75
7. No. 417 Cymbal Suspender .......................................... .25
8. No. 409 10” Chinese Crash Cymbal ............................... 2.75
9. No. 912 Two-Tone Wood Block and Two-Tone Wood Block Holder .......................................... 2.50
10. pr. No. 585 1-A Hickory Drum Sticks ............................. .45
11. Instruction Book ....................................................... 1.00

TOTAL VALUE .................................................. $45.80

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

Page 22
Ludwig & Ludwig Library of Instruction Books

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 Method $0.50

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 Zeitlinman of the Chicago Symphony Orchestra.
No. 687—72 pages $2.00

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

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 "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, 84 pages.
No. 694—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"x11".
No. 689 How to Twirl a Baton $1.00

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—84 pages $1.00

Ludwig Drum Corps Guide
An advanced instructor including the following: Organization and maintenance of a drum corps; Parade Postions and Formations; Tenor and Scotch Drum Instructions; Coreyion, March, and Sheet Music: Night Taps; and 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 Toned 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, instructional 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.

Page 23
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.

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 some prices. 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

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE
**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 "Airline" 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.

---

**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 .......................... $2.25

---

**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 point where holder should be attached. Both ends 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**

<table>
<thead>
<tr>
<th>No.</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>405</td>
<td>4&quot;x10&quot; size</td>
<td>$4.00</td>
</tr>
<tr>
<td>1034</td>
<td>7&quot;x11&quot; size</td>
<td>$10.00</td>
</tr>
<tr>
<td>1035</td>
<td>9&quot;x13&quot; size</td>
<td>$13.00</td>
</tr>
<tr>
<td>1036</td>
<td>12&quot;x14&quot; size</td>
<td>$15.00</td>
</tr>
</tbody>
</table>

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 counter sunk star ratchet (see page 31) is guaranteed not to slip, turn, or shear. Screws to Tom-Tom shell. Strongly made of forged 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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 309</td>
<td>Pedal only in Nickel without Spurs or Cymbal Holder</td>
<td>$15.00</td>
</tr>
<tr>
<td>No. 309K</td>
<td>Same, but in Chromium</td>
<td>$20.00</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 309</td>
<td>Pedal only in Nickel without Spurs or Cymbal Holder</td>
<td>$19.00</td>
</tr>
<tr>
<td>No. 309K</td>
<td>Same, Chromium plated</td>
<td>$25.00</td>
</tr>
</tbody>
</table>

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—lighting 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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 307</td>
<td>Ludwig &amp; Ludwig Ball Bearing Speed Pedal, complete</td>
<td>$10.00</td>
</tr>
</tbody>
</table>

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.

Page 26

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

Bass Drum Blinker Lights

No. 121—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

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 pair ........................... .75
No. 328 —Drum Spurs. Light, durable, convenient and inexpensive. In Nickel, per pair ............................................... .60

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 sideway or tipping of drum when heavy traps are used, such as temple blocks, Tom-Toms, etc. Reversible metal and rubber tips. Nickel plated. Length 9½”. Per pair ........................ $2.50
No. 322K—Same, in Chromium .......................................................... 3.75

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 Chromolux heating element. With proper care will never burn out. 12” long and 1½” 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

Giant Bass Drum Spurs

New non-adjustable spurs made longer so that they fasten higher up on the bass drum shell and prevent sideway 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

Page 28

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT... THERE IS NO SUBSTITUTE
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. 486—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. 490—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

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—15-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—14-inch, Each 15.00
No. 788—15-inch, Each 17.50
No. 789—15-inch, Each 20.00
No. 790—15-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

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

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

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

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

Extra Deep Cup Sock Cymbal

Stanople Cymbals

These are fine quality, Turkish-type cymbals that are surpassed only by the genuine Zenjian cymbals in tone, “wig” 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-sack” 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

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

Page 29
Cymbals and Cymbal Stand

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

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>No. 442—12&quot;</td>
<td>$3.50</td>
</tr>
<tr>
<td>No. 459—13&quot;</td>
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<td>No. 454—14&quot;</td>
<td>4.75</td>
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<td>8.75</td>
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<tr>
<td>No. 461½—20&quot;</td>
<td>11.00</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 425—Ludwig Sizzle Cymbal</td>
<td>$2.50</td>
</tr>
<tr>
<td>No. 606—Notched Sticks for Sizzle Cymbals (shown on page 38)</td>
<td>.50</td>
</tr>
</tbody>
</table>

Gongs and Gong Stand

"Greeko" Cymbals
"Greeko" Cymbals are tuned in pairs, fastened 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.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 986—&quot;Greeko&quot; Cymbals, per pr.</td>
<td>$2.25</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 444—Chinese &quot;Splash&quot; Cymbal</td>
<td>$4.50</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 408—8&quot;</td>
<td>$2.00</td>
</tr>
<tr>
<td>No. 409—10&quot;</td>
<td>2.75</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 991—Ludwig Cymbal Stand, Nickel plated</td>
<td>$4.50</td>
</tr>
<tr>
<td>No. 991K—Same, Chromium plated</td>
<td>6.75</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 455—14&quot; diameter</td>
<td>$9.00</td>
</tr>
<tr>
<td>No. 455½—16&quot; diameter</td>
<td>12.00</td>
</tr>
<tr>
<td>No. 456—18&quot; diameter</td>
<td>17.50</td>
</tr>
<tr>
<td>No. 457—20&quot; diameter</td>
<td>22.50</td>
</tr>
<tr>
<td>No. 458—23&quot; diameter</td>
<td>27.50</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 989—Chinese Gong Stand</td>
<td>$15.00</td>
</tr>
</tbody>
</table>

Note: Give size of gong when ordering Gong Stand.
Ludwig & Ludwig Cymbal Holders and Cymbal Seats

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. 489—Universal Adjustable Cymbal Holder, Nickel ...........$1.75
No. 499K—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

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

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

Recommended Cymbals for Above Holder

No. 442—12" Chinese cymbal. Each $3.50
No. 427—8" American brass cymbal. Each ......... 75

Choke Cymbal Holder for Bass Drum

Fastens to bass drum hoop with Ludwig Hold-Tite Clamp. Adjustible for "sizzle" effects or deep, hollow, "squat" 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.)

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

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

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

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

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.

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.
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. Special 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 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. 1502K — Same, Chromium plated ...... 2.25

LUDWIG KOREAN PROFES- SIONAL 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 .......... 10.00 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 return 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

BASS DRUM TEMPLE BLOCK RACK

Jumps 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

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

LUDWIG & LUDWIG TRAP TABLE

The Ludwig Trap Table offers the modern swing-staer 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 support your 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

Page 33

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE
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. Nickel $0.15

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

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, 1/8" diam. Nickel $0.85
No. 486 — 8" Triangle, 1/2" diam. Nickel $1.25
No. 485 — 10" Triangle, 1/2" diam. Nickel $1.50
No. 325 — Triangle Holder. Nickel $0.50
No. 325K — Triangle Holder. Chromium $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

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 muffler by simply twisting the wing screw. Each $0.25
No. 666K — Chromium $0.25

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. Nickel $0.30

(Cow bells DO NOT include cow bells)

Cow Bells

No. 821 — Cow Bell, 7/8" — "C" natural $1.60
No. 823 — Cow Bell, 3/4" — "E" natural $1.20
No. 824 — Cow Bell, 1 1/2" — "G" natural $1.50
No. 825 — Cow Bell, 1 1/2" — "C" natural $0.90

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)

Insist on genuine Ludwig & Ludwig Equipment...there is no substitute.
Ludwig & Ludwig Snare and Bass Drum Stands

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 ................. $8.50
No. 336X — Same, Chromium plated ................. 9.50

**Heavy Model Stand**

No. 332 — Heavy Model Stand .......................... $8.00

**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 10" 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

**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. 331X — 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
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

School Tambourines
No. 449—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

Ludwig & Ludwig Maracas
Ludwig Maracas have the tone of the genuine Cuban maracas, are many times more durable, but cost substantially less. A standard trap for rumbas, Spanish rhythms and tangos. Balls are moulded composition and weighted with "shot" for the proper sting and tone. Handles are made to fit the hand, and are lacquered a bright red. Correct weight and proper balance throughout. Handle can be removed and shot taken out, or added, to meet the individual's preference in tone, and weight. Length 11 inches. Sold only in pairs.
No. 932—Ludwig Maracas, per pair ............... $2.50

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

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

All-Metal Snappi-Snares
Ludwig & Ludwig Snappi-Snares will improve the tone and response of your drum. Each snares 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

Silk-Wire Snares
Pure silk core carefully wound with non-rusting steel wire. 12 snares to a set.
No. 702—For Orchestras and Band, set ........ $1.00
No. 702½—For Drum Corps ......................... 1.00

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

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 loosen the 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

Page 36

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT... THERE IS NO SUBSTITUTE
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 Bowl $2.00
- No. 501—Ludwig & Ludwig Rooster Crow 1.75
- No. 502—Ludwig & Ludwig Hen Cackle 2.00
- No. 503—Ludwig & Ludwig Chicken 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. Each 0.30
- No. 508—All-In-One Imitation. For hen cackle, hay 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. 529—Cuckoo Call $2.25

Sleigh Bells
Eleven bells riveted on a stout web strap. Bells are heavily nickleled.
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 lay out 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 Whistle $0.90

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. 5225—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. 5215—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 7½"x4½"x4½". Nickel plated and serviceable.
No. 5155—3-Tone Metal Whistle $3.50

Famous Ludwig & Ludwig Song Whistle

- NEW -
- NEW SONG -
- FLUTE ON -

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

Cylindrical Whistles
Nos. 730—Ludwig & Ludwig SONG WHISTLE ONLY $1.50

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 Whistle $0.90

Silent Practice Pad
Nos. 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

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 snare on Super-Ludwig drums.
No. 753—Super-Ludwig Key, Nickel, each $0.35

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 3½" high by 11½" long.
No. 8-240—Studio Tuning Bar. 1½"x9½" bar. A-440 pitch. Chromium plated $8.00
No. 8-241—Same, but B-446.3 Pitch 8.00

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE
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, 15½", weight, approximately 3½ 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 80, 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 4½ 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 90, 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 become accustomed. Attractively "dressed-up" with blue lacquered ends and beautifully finished natural hickory grain, hand rubbed to a high luster, 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...

Model Numbers and Descriptions

No. 588BE—1ABE, Blue End sticks about...3½ oz. per pair
No. 588BE—2ABE, Blue End sticks about...3 oz. per pair
No. 588BE—3ABE, Blue End sticks about...3 oz. per pair
No. 588BE—4ABE, Blue End sticks about...3 oz. per pair
No. 592BE—5ABE, Blue End sticks about...3 oz. per pair
No. 592BE—6ABE, Blue End sticks about...2½ oz. per pair
No. 593BE—7ABE, Blue End sticks about...2½ oz. per pair
No. 588BE—1BEE, Blue End sticks about...3 oz. per pair
No. 588BE—2BEE, Blue End sticks about...4¼ oz. per pair
No. 588BE—3BEE, Blue End sticks about...5 oz. per pair
No. 588BE—4BEE, Blue End sticks about...5 oz. per pair
No. 594BE—5BEE, Blue End sticks about...5 oz. per pair
No. 594BE—6BEE, Blue End sticks about...4½ oz. per pair
No. 597BE—1BEE, Blue End sticks about...3 oz. per pair
No. 597BE—2BEE, Blue End sticks about...3 oz. per pair
No. 597BE—3BEE, Blue End sticks about...3½ oz. per pair

Rudimental Practice Sticks

(Not illustrated)

Especially designed for rudimental drum practice. Made of genuine second growth hickory in extra-heavy model (average weight 6½ 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 (3 model)...

Specialty Sticks

These sticks are used where quick change from drum to cymbals, temple blocks, wood blocks, and Tom-Tom 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...
No. 628—Three-In-One Sticks, per pair...
No. 629—Felt Tip Sticks, per pair...
No. 606—Sizzle Sticks, per pair...

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 luster. Made with such precision and care that your favorite model can be ordered and reordered 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 14½" to 17", and in weight from 2½ ounces to 6½ ounces per pair. Illustrated above and below...a model for every purpose. Per pair...

No. 588—1A...Sticks about...
No. 588—2A...Sticks about...
No. 588—3A...Sticks about...
No. 591...Sticks about...
No. 592...Sticks about...
No. 593...Sticks about...

Rosewood Drum Sticks

(Illustrated below, right)

No. 638—Drum Corps sticks of genuine Honduras Rosewood; heavier than hickory, more durable than snakewood. 17½" long, finely balanced and beautifully finished. Pair...
No. 639—Same as above, but shorter and lighter. For Junior Drum Corps, concert band, and orchestra. 15½" long. Pair...

Style "B" for Bands

Style "S" for Street
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. Heavy 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

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 pair .75

"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 pair .75

Page 39

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE
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. 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. 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. 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 carefully balanced, properly weighted, and carefully assembled. Satisfaction is assured.

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>517</td>
<td>Oscar Schwar. Removable disc ball. Per pair</td>
<td>$4.00</td>
</tr>
<tr>
<td>578</td>
<td>Standard Model for general all around work. Per pair</td>
<td>2.75</td>
</tr>
<tr>
<td>579</td>
<td>Jos. Zettelman Model. Demountable heads. Per pair</td>
<td>2.75</td>
</tr>
<tr>
<td>559</td>
<td>Lamb's wool. Good all around model. Per pair</td>
<td>2.75</td>
</tr>
<tr>
<td>518</td>
<td>Solid Felt. Per pair</td>
<td>1.75</td>
</tr>
<tr>
<td>580</td>
<td>School model tympani sticks. Hickory handles, strong, correctly balanced, cores covered with fine quality Spanish felt. For general all-around work. Per pair</td>
<td>2.00</td>
</tr>
</tbody>
</table>

Vibra-Celeste, Bell and Xylophone Mallets

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, La-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 or aluminum alloy bars. Yarn wound head mallets are best for the Vibra-Celeste, and special pyrallin mallet for La-Mellow Bells or Bell-Lyra.

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.

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.737</td>
<td>Nickel plated Bronze Head. Per pair</td>
<td>$0.50</td>
</tr>
<tr>
<td>8.733</td>
<td>1 1/8&quot; Oval. Per pair</td>
<td>$2.00</td>
</tr>
<tr>
<td>8.723</td>
<td>Round, per pair</td>
<td>$0.60</td>
</tr>
<tr>
<td>8.725</td>
<td>Oval, per pair</td>
<td>$0.50</td>
</tr>
<tr>
<td>8.722</td>
<td>1 1/8&quot; Round, per pair</td>
<td>$.75</td>
</tr>
<tr>
<td>8.710R</td>
<td>1&quot; Round, per pair</td>
<td>$.60</td>
</tr>
<tr>
<td>8.711R</td>
<td>1 1/8&quot; Round, per pair</td>
<td>$.75</td>
</tr>
<tr>
<td>8.728R</td>
<td>1&quot; Round, per pair</td>
<td>$.60</td>
</tr>
<tr>
<td>8.729R</td>
<td>1 1/8&quot; Round, per pair</td>
<td>$.75</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>8702</td>
<td>1 1/4&quot; ball. Best tone felt mallets. Per pair</td>
<td>$1.60</td>
</tr>
<tr>
<td>8703</td>
<td>1 1/4&quot; ball. Best Tone felt mallets. Per pair</td>
<td>1.80</td>
</tr>
<tr>
<td>8704</td>
<td>1 1/2&quot; ball. Best Tone felt mallets. Per pair</td>
<td>2.00</td>
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</table>

Seven-Eighths Hard Pyralin Head

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>8731R</td>
<td>1&quot; Round, per pair</td>
<td>$1.25</td>
</tr>
<tr>
<td>8730R</td>
<td>1 1/8&quot; Round, per pair</td>
<td>1.50</td>
</tr>
<tr>
<td>8726</td>
<td>Round, per pair</td>
<td>$0.80</td>
</tr>
<tr>
<td>8725</td>
<td>1 1/8&quot; Round, per pair</td>
<td>1.00</td>
</tr>
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</table>

Yarn Wound Head

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>8717R</td>
<td>1 1/4&quot; head, per pair</td>
<td>$2.00</td>
</tr>
<tr>
<td>8716R</td>
<td>1 1/2&quot; head, per pair</td>
<td>2.00</td>
</tr>
<tr>
<td>8715R</td>
<td>1 3/4&quot; head, per pair</td>
<td>2.00</td>
</tr>
<tr>
<td>8714R</td>
<td>2&quot; head, per pair</td>
<td>2.00</td>
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</table>

Orchestra Chimes Mallets

(Illustrated at extreme right)

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>8713</td>
<td>1&quot; Rawhide Head, for 1&quot; Orchestra Chimes. Hickory Handle. Each</td>
<td>$2.25</td>
</tr>
<tr>
<td>8712</td>
<td>1 1/2&quot; Rawhide Head, for 1 1/2&quot; Orchestra Chimes. Hickory Handle. Each</td>
<td>2.50</td>
</tr>
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</table>

Regular Felt Mallets

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>8705</td>
<td>1 1/4&quot; ball. Soft solid felt practice mallets. Flexible reed handles. Pair</td>
<td>$1.00</td>
</tr>
<tr>
<td>8706</td>
<td>1 1/2&quot; ball. Hard Spanish felt Marimba mallets. Selected handles. Pair</td>
<td>1.50</td>
</tr>
<tr>
<td>8707</td>
<td>1 3/4&quot; ball. Soft solid felt Marimba mallets. Selected rattan handles. Pair</td>
<td>1.75</td>
</tr>
</tbody>
</table>

New Vibe "Swing" Mallets

Especially designed for modern "swing" vibro-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, 5/8" in diameter. You can really "swing out" with these mallets!

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>8700</td>
<td>Ludwig Vibra-Celeste Mallets. Per pair</td>
<td>$2.25</td>
</tr>
</tbody>
</table>

Page 41

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

<table>
<thead>
<tr>
<th>Style</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 391£</td>
<td>6½&quot;x14&quot; shell</td>
<td>15.00</td>
</tr>
<tr>
<td>No. 392£</td>
<td>6½&quot;x15&quot; shell</td>
<td>15.00</td>
</tr>
<tr>
<td>No. 393£</td>
<td>7&quot;x14&quot; shell</td>
<td>16.00</td>
</tr>
<tr>
<td>No. 394£</td>
<td>8&quot;x14&quot; shell</td>
<td>17.00</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Style</th>
<th>For drum</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 278£</td>
<td>14&quot;</td>
<td>$9.00</td>
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<tr>
<td>No. 279£</td>
<td>15&quot;</td>
<td>$9.50</td>
</tr>
<tr>
<td>No. 280£</td>
<td>16&quot;</td>
<td>$10.00</td>
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</table>

### 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 roll attached.

<table>
<thead>
<tr>
<th>Style</th>
<th>For drum</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 296£</td>
<td>26&quot; diameter bass drum</td>
<td>$25.20</td>
</tr>
<tr>
<td>No. 297£</td>
<td>28&quot; diameter bass drum</td>
<td>$27.00</td>
</tr>
</tbody>
</table>

### Square Fibre Orchestra Drum Case

*Practical for extension strainer drums*

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

<table>
<thead>
<tr>
<th>Style</th>
<th>For snare drum</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 386£</td>
<td>14&quot;</td>
<td>$8.00</td>
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<tr>
<td>No. 387£</td>
<td>15&quot;</td>
<td>$6.00</td>
</tr>
<tr>
<td>No. 388£</td>
<td>16&quot;</td>
<td>$6.00</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Style</th>
<th>For snare drum</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 289£</td>
<td>14&quot;</td>
<td>$8.70</td>
</tr>
<tr>
<td>No. 290£</td>
<td>15&quot;</td>
<td>$7.00</td>
</tr>
<tr>
<td>No. 291£</td>
<td>16&quot;</td>
<td>$7.00</td>
</tr>
</tbody>
</table>

### Fibre Drum and Tympani Head Protectors

Protects the heads when drum is not being used.

<table>
<thead>
<tr>
<th>Style</th>
<th>For tympani</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 357£</td>
<td>25&quot;</td>
<td>$1.50</td>
</tr>
<tr>
<td>No. 358£</td>
<td>28&quot;</td>
<td>$2.00</td>
</tr>
</tbody>
</table>

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**INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE**
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. 848—3½"x13" Junior drum ........... $2.50
No. 855—5"x14" Standard, Universal or Pioneer drum ........... 2.50
No. 803—5"x14" Super-Ludwig drum ........... 3.25
No. 857—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. 871—8"x14" Super-Ludwig Swing drum ........... 3.50
No. 879—8½"x15" Standard Swing drum ........... 3.00
No. 879—9"x15" Concert Band drum ........... 3.00
No. 859—9"x15" Concert size drum ........... 2.25

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. 854—9"x13" .......................... 3.00
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. 1807—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. 1879—8½"x15" Standard Swing drum ........... 3.75
No. 1871—8½"x14" Super-Ludwig Swing drum ........... 4.50
No. 1838—6½"x15" Standard drum ........... 4.00
No. 1979—7"x15" Concert Band drum ........... 4.00
No. 1959—8½"x15" Concert size drum ........... 4.25

For Bass Drums
No. 1902—8"x22" .......................... $6.25
No. 1808—8"x24" .......................... 7.00
No. 1809—12"x24" .......................... 7.25
No. 1911—12"x26" .......................... 7.75
No. 1812—14"x26" .......................... 7.75
No. 1815—14"x28" .......................... 8.75
No. 1918—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
No. 880—2.75 .......................... 8"x13" Juvenile Cadet Parade drum
No. 842—3.00 .......................... 10"x14" Junior and Junior Imperial Parade drum
No. 868—3.25 .......................... 9"x15" Combination Drum
No. 840—3.25 .......................... 10"x15" Economy Parade drum and Junior Tenor drum
No. 839—3.50 .......................... 12"x15" Parade drums
No. 841—3.50 .......................... 12"x16" Parade drums
No. 844—4.00 .......................... 12"x18" Tenor drum
No. 808—5.00 .......................... 8"x24" Scotch Bass drum
No. 884—5.50 .......................... 8"x26" Scotch Bass drum
No. 883—5.50 .......................... 8"x28" Scotch Bass drum
No. 881—5.75 .......................... 10"x28" Scotch Bass drum
No. 882—6.75 .......................... 10"x30" Scotch Bass drum
No. 817—8.75 .......................... 12"x30" Scotch Bass drum

Talon Slide Fasteners
No. 1886—4.25 .......................... (Not Made)
No. 1869—4.25 .......................... (Not Made)
No. 1942—4.00 .......................... (Not Made)
No. 1839—4.50 .......................... (Not Made)
No. 1841—4.50 .......................... (Not Made)
No. 1844—5.00 .......................... (Not Made)
No. 1808—7.00 .......................... (Not Made)
No. 1884—7.50 .......................... (Not Made)
No. 1883—7.50 .......................... (Not Made)
No. 1881—7.75 .......................... (Not Made)
No. 1882—8.75 .......................... (Not Made)
No. 1817—8.75 .......................... (Not Made)

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

Page 43

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE
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 ............ 3.50
No. 737—For 10”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—26” 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 Yellour" 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. 918—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.

Page 44

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

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 3909—17&quot; for 13&quot; drum</td>
<td>$3.20</td>
</tr>
<tr>
<td>No. 3910—18&quot; for 14&quot; drum</td>
<td>3.50</td>
</tr>
<tr>
<td>No. 3911—19&quot; for 15&quot; drum</td>
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</tr>
<tr>
<td>No. 3912—20&quot; for 16&quot; drum</td>
<td>4.30</td>
</tr>
<tr>
<td>No. 3913—21&quot; for 17&quot; drum</td>
<td>4.60</td>
</tr>
<tr>
<td>No. 3914—22&quot; for 18&quot; drum</td>
<td>5.00</td>
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</table>

For Bass Drum

<table>
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<tr>
<th>Size</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>No. 3607—28&quot; for 24&quot; drum</td>
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<td>No. 3608—30&quot; for 26&quot; drum</td>
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<td>No. 3609—32&quot; for 28&quot; drum</td>
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<td>No. 3610—34&quot; for 30&quot; drum</td>
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<td>No. 3611—36&quot; for 32&quot; drum</td>
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<td>No. 3612—38&quot; for 34&quot; drum</td>
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<tr>
<td>No. 3613—40&quot; for 36&quot; drum</td>
<td>14.00</td>
</tr>
</tbody>
</table>

Flesh Hoop and Head Tucking Prices

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 640—Flesh Hoop for Snare Drum</td>
<td>$0.40</td>
</tr>
<tr>
<td>No. 650—Tucking Snare Drum Head on wood flesh hoop</td>
<td>$0.30</td>
</tr>
<tr>
<td>No. 641—Flesh Hoop for Bass Drum</td>
<td>$0.80</td>
</tr>
<tr>
<td>(State Shell Size, also age and make of drum).</td>
<td></td>
</tr>
<tr>
<td>No. 652—Tucking Bass Drum Head</td>
<td>$0.75</td>
</tr>
<tr>
<td>No. 642—Flesh Hoop for Tympani</td>
<td>$3.00</td>
</tr>
<tr>
<td>(State Kettle Size).</td>
<td></td>
</tr>
<tr>
<td>No. 651—Tucking Tympani Head</td>
<td>$1.50</td>
</tr>
<tr>
<td>No. 905§—Head tucking tool</td>
<td>$1.00</td>
</tr>
</tbody>
</table>

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 mounted 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.

LUDWIG FOR TYPMANI

"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.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 620—28&quot; for 23&quot; tympani</td>
<td>$7.50</td>
</tr>
<tr>
<td>No. 621—30&quot; for 24&quot; tympani</td>
<td>8.00</td>
</tr>
<tr>
<td>No. 618—31&quot; for 25&quot; tympani</td>
<td>8.50</td>
</tr>
<tr>
<td>No. 622—32&quot; for 26&quot; tympani</td>
<td>9.00</td>
</tr>
<tr>
<td>No. 623—33&quot; for 27&quot; tympani</td>
<td>9.50</td>
</tr>
<tr>
<td>No. 624—34&quot; for 28&quot; tympani</td>
<td>10.00</td>
</tr>
<tr>
<td>No. 619—35&quot; for 29&quot; tympani</td>
<td>10.50</td>
</tr>
<tr>
<td>No. 625—36&quot; for 30&quot; tympani</td>
<td>11.00</td>
</tr>
</tbody>
</table>

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. 553 Combination Offer of Ludwig factory tucked heads on Ludwig wood flesh hoops (for snare drum), SPECIAL at only...60¢ (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.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 3894—12&quot; for 9&quot; banjo</td>
<td>$2.75</td>
</tr>
<tr>
<td>No. 3895—13&quot; for 10&quot; banjo</td>
<td>3.00</td>
</tr>
<tr>
<td>No. 3896—14&quot; for 11&quot; banjo</td>
<td>3.25</td>
</tr>
<tr>
<td>No. 5896§—Head tuck on hoop</td>
<td>5.50</td>
</tr>
</tbody>
</table>

WHITECalf

Unmounted Banjo Heads

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

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 894—12&quot; for 9&quot; banjo</td>
<td>$2.00</td>
</tr>
<tr>
<td>No. 895—13&quot; for 10&quot; banjo</td>
<td>2.25</td>
</tr>
<tr>
<td>No. 896—14&quot; for 11&quot; banjo</td>
<td>2.50</td>
</tr>
</tbody>
</table>

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. 826—Retainer (does not include heads or flesh hoops)...$2.00

Page 45

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

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT... THERE IS NO SUBSTITUTE
The New Ludwig & Ludwig APOFFLO GRAND Marimba

- Entirely New Design
- Improved Tonal Qualities
- Superbly 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 APOFFLO 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 Hondurans 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 Stroboscopes, most modern, scientifically accurate tuning device known. The APOFFLO 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 compression 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 APOFFLO GRAND Marimba. 4 octaves, C-28 to C-76. 49 bars, 2 1/4" to 1 3/4" wide by 3/4" thick. Length 66". Weight at lower end 33 1/2 lbs. Height, 34". Weight, 85 lbs. $217.50

No. 8362—Ludwig APOFFLO Marimba, 3 1/2 octaves. F-33 to C-76. 44 bars, 2 1/4" to 1 3/4" 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 APOFFLO GRAND marimba $45.00
No. 8363—Two fibre hand carrying cases for No. 8362 APOFFLO marimba 40.00

Insist on Genuine Ludwig & Ludwig Equipment... There is No Substitute

Page 47
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 smoothness of pitch. They are accurately tuned and true in pitch by the Chromatic Synchronoscope—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 packing.

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, C40 to C76, 37 bars, 1 1/8” to 1 3/8” wide, by 1/2” 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—Concertor for AC motor $24.00 Extra

No. 8-620—Two fibre hand carrying cases for No. 8-120 LUDWIG APOLLO GRAND Vibra-Celeste $35.00

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 jibos and therapists 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, C40 to F69, 30 bars, 1 1/8” to 1 3/8” wide, by 1/2” 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 hand carrying cases for No. 8-121 Ludwig APOLLO Vibra-Celeste $35.00

For any other color enamel, 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

Page 48
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.

No. 8-879—APOLLO GRAND Xylophone, 4 octaves, C-40 to C-88, 49 bars, 1¼" wide by ⅛" thick. Length, 80". 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, 1¼" wide by ⅛" thick. Length, 54". Width at lower end, 28". Height, 34". Weight, 72 lbs. .... $200.00
No. 8-879†—Two Vulcanized Fibre Carrying Cases for No. 8-879 ... $40.00
No. 8-880†—Two Vulcanized Fibre Carrying Cases for No. 8-880 ... 35.00

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. 8-815—Nickel plated .... $1.00
No. 8-815K—Chromium plated ... 1.50

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 ¼" 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. 8-813†—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. Harmonic 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 ⅛" thick. A-440 pitch. Weight 15 lbs. Complete in case with 2 pairs selected mallets, and detachable music rack ........ $55.00

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 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. 8-381—2½ octaves, G to C, 30 bars, 1½" wide by ⅛" thick. Complete with one pair selected Ludwig mallets ................ $18.00

Ludwig & Ludwig School Xylophone in Case

No. 8-389—School Xylophone in Case. Weight 14½ lbs. .................. $26.00

Page 50

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 ⅛" thick. A-440 pitch. Weight 29 lbs. Complete in case with 2 pairs mallets and music rack .................. $50.00

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 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

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, 1¼" wide by 3/4" thick. Pitch A-440. Weight 10½ lbs. Complete with white horsehair plumes and one mallet $70.00

No. 8-103—Bell-Lyra. Two-octave range, A to A, 25 bars, 1½" wide by 3/4" 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 1¼" wide by 3/4" thick. A-440 pitch. Weight 10 lbs. Complete with white horsehair plumes and one mallet $52.50

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, 1¼" wide by 3/4" thick. A-440 pitch. Weight, 15 lbs. Complete with two white horsehair plumes and one mallet $110.00

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

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 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 choruses 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.

1½ in. Tube Chimes

No. 8-011—1½ Octaves, 18 Tubes, C to F, A-440 Pitch, with Damper and Wheels. Chromium plated. Mallet included $215.00

No. 8-004—Fiberglass Hand Carrying Case for No. 8-011 $20.00

Special Trunk for No. 8-011. NET $85.00 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.

1½ 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—1½ 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
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 callskins. Uniform in texture, light-tibred, 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.

FREE TYPANINI INSTRUCTION FOLIO
Prepared by Roy Kepp, a special tympani instruction folio contains correct grip position, standing and sitting 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 23”. 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 23” tympani. The regular 25” diameter kettle can be lowered in pitch to E and E flat but the tone quality will not compare to the same notes on a 30” or 32” kettle.

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

Page 53

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

Tympani Accessories

No. 282—Heavy fleece-lined, moisture and waterproof Tympani covers. State sizes of Tympani. Per pair.................................................................$ 7.00

No. 283S—Folding Tympani Stands. Per pair.................................................... 15.00

No. 283S—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.

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. 295FS—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

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 calf skin. Stands fold conveniently to a small space for packing.

Six self-aligning tuning handles are large end 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.*
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

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

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 with 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. 246—Detachable Drum Leg Rest In Nickel $2.50
No. 246X—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. 742—Weather Defy Covers $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.
No. 413—Lamb’s Wool Covered Pad, each $1.50
No. 414—Lamb’s Wool Covered Strap, each $0.75

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

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. 420—Horsehide cymbal pad and strap. Each $0.25
No. 420—Horsehide leather cymbal strap. Each $0.50

Bass Drum Cymbal Holder and Wire Beater
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 $0.75

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

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

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   | 25.50     |
| No. 1247SG   | Silver, Gold Bell | 25.00 |
| No. 1243     | Bugle Bag for above Bugle | 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 |

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

Ludwig & Ludwig
New "B♭-F" Piston Bugles
Built in key of 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♭ service bugle. Equipped with finger hook and water keys. Perfectly balanced.

Soprano
Key of 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♭ 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♭ 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 |
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 hornhair 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 strap 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

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".

<table>
<thead>
<tr>
<th>Model</th>
<th>Color</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 1236</td>
<td>Brass</td>
<td>$22.00</td>
</tr>
<tr>
<td>No. 1236K</td>
<td>Chrome</td>
<td>32.50</td>
</tr>
<tr>
<td>No. 1236KG</td>
<td>Chrome, Gold Bell</td>
<td>34.50</td>
</tr>
<tr>
<td>No. 1236S</td>
<td>Silver</td>
<td>29.00</td>
</tr>
<tr>
<td>No. 1236SG</td>
<td>Silver, Gold Bell</td>
<td>30.00</td>
</tr>
<tr>
<td>No. 1237</td>
<td>Bugle Bag for above</td>
<td>1.50</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Color</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 1239</td>
<td>Brass</td>
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<tr>
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<td>26.50</td>
</tr>
<tr>
<td>No. 1245</td>
<td>Bugle Bag for above</td>
<td>1.50</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Model</th>
<th>Color</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 229</td>
<td>Brass</td>
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<tr>
<td>No. 229K</td>
<td>Chrome</td>
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</tr>
<tr>
<td>No. 229KG</td>
<td>Chrome, Gold Bell</td>
<td>16.00</td>
</tr>
<tr>
<td>No. 229S</td>
<td>Silver</td>
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<td>15.50</td>
</tr>
<tr>
<td>No. 1226</td>
<td>Bugle Bag for above</td>
<td>.90</td>
</tr>
</tbody>
</table>

Fan-Fare Bugle

A popular bugle made to professional standards. Easy blowing, accurately toned and balanced. Length is 26". Key of G with slide to F.

<table>
<thead>
<tr>
<th>Model</th>
<th>Color</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 1228</td>
<td>Brass</td>
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<td>18.50</td>
</tr>
<tr>
<td>No. 1228KG</td>
<td>Chrome, Gold Bell</td>
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<td>No. 1228S</td>
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<td>15.50</td>
</tr>
<tr>
<td>No. 1228SG</td>
<td>Silver, Gold Bell</td>
<td>17.50</td>
</tr>
<tr>
<td>No. 1227</td>
<td>Bugle Bag for above</td>
<td>1.25</td>
</tr>
</tbody>
</table>

Page 57

InSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE
Snare, Bass, and Parade Drum Rods and Parts

Repair Parts For Parade Drums

For Single Tension Models

(A) Single Tension Thumb Screw Rod
No. 380—12" thumb screw rod complete with hooks ........... $0.50
No. 379—10" thumb screw rod complete with hooks .......... $0.50
(See snare drum rods below for smaller sizes)
No. SC9—Threaded single hook ............ $0.25
No. SC10—Unthreaded single hook ............ $0.20
No. 398—Center support stud complete with screws and washer ............ $0.15
No. MD7—Washer ............ $0.03

(B) Double Claw Hook Rods
No. 367—10" rod complete with hooks .................. $0.50
No. 368—12" rod complete with hooks ............ $0.50
No. SD7—Unthreaded hook ............ $0.20
No. SD8—Threaded hook ............ $0.25
No. 398—Center support stud complete with screws and washer .......... $0.15
No. MD7—Washer ............ $0.03

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. BD666—Tympani handle tension screw, with collar ............ $0.45
No. SL6—Double claw hook, Unthreaded ............ $0.10
No. MD7—Collar screw washer ............ $0.03

For Separate Tension Models

(C and D) Tubular Lug Models
No. L12—Lug for WOOD hoop drum ............ $0.60
No. L14—Lug for METAL hoop drum ............ $0.50
No. MD2—Collar hook for METAL hoop drum .......... $0.10
No. MD6—Collar screw for METAL hoop drum ............ $0.10
No. MD7—Washer ............ $0.03
No. SD7—Unthreaded double claw hook ............ $0.15
No. SD8—Collar screw for WOOD hoop drum .......... $0.15
(E and F) New Streamlined Tension Case Models
No. MD4—Tension case (for wood shell) ............ $0.60
No. S12—Collar screw ............ $0.15
No. MD2—Collar hook for METAL hoop drum .......... $0.10
No. MD7—Washer ............ $0.03
No. SD7—Unthreaded double claw hook ............ $0.15

Bass Drum Rods

Separate Tension—Self-Aligning—Streamline Tension Case
No. BD644—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" drum .................. $0.80
No. BD504—Handle tension screw ............ $0.45
No. BD2—Unthreaded single hook ............ $0.20
No. MD7—Collar screw washer ............ $0.03

Snare Drum Rods—Single Tension Thumbscrew

No. 373—For 3" drum ......... $0.45
No. 374—For 4" drum .......... $0.45
No. 375—For 5" drum .......... $0.45
No. 376—For 6" drum .......... $0.45
No. 378—For 8" drum .......... $0.50

Juvenile Drum Rods
No. TD39—7" rod, For 4316 drum ............ $0.25
No. TD38—3½" rod, For 4315 drum .......... $0.25
No. TD37—3½" rods, For 4395 and 4396 drums .......... $0.25

NOTE: Unless otherwise stated all repair part prices are for nickel plated finish.

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. MD7—Collar screw for 6½" and 7" drums .......... $0.15
No. MD8—Collar screw for 8" drum .......... $0.03

Tubular Lug Models
No. 850—Lug for 4" drum ............ $0.60
No. 851—Lug for 5" drum .......... $0.60
No. 852—Lug for 6½" drum .......... $0.60
No. MD6—Collar screw (fits 4", 5", 6½"
No. MD7—Collar screw washer ............ $0.03
No. MD2—Collar hook ............ $0.20

Single Tension Tympenia 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 washers ............ $0.15
No. BD2—Unthreaded single hook ............ $0.20
No. BD524—Threaded single hook ............ $0.25
No. MD7—Collar screw washer ............ $0.03

Single Tension Thumbscrew Handle
No. 360—8" drum ............ $0.50
No. 361—10" drum .......... $0.50
No. 362—12" drum .......... $0.50
No. 363—14" drum .......... $0.50
No. 364—16" drum .......... $0.50
No. 365—18" drum .......... $0.50
No. 366—20" drum .......... $0.50

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 hook ............ $0.25
No. SB13—Unthreaded hook ............ $0.20
No. 398—Center support stud, complete with screws and washers ............ $0.15
No. MD7—Collar screw washer ............ $0.03

Page 58

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT... THERE IS NO SUBSTITUTE
Strainers, Counter Hoops, Pedal Parts

Snare Drum Counter Hoops
(Note 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 Chrome..6.00
For Standard Ludwig Drums (Double Flange)
No. DF56—Snare side. Nickel...$4.00 Chrom..$8.00
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. 328-327
No. SP601—Stand assembly only. No attachments. Blue lacquered...$2.50
No. SP600—Aluminum footboard...1.50
No. SP528—Cymbal striker...$0.90
No. SP537—Clamp screw for cymbal striker...$0.20
No. SP74—Batter holder casting for No. 326...1.00
No. SP74½—Batter holder casting for No. 327...1.50
No. SP75—Adjustment screw for beater rod...$0.20
No. SP71—Spring only...$0.20
No. SP76—Adjustment nut...$0.15
No. SP79—Adjustment screw...$0.10
No. SP72—Toe clamp...$0.70
No. SP73—Toe clamp screw...$0.20
No. SP70—Hangers joining footboard to beater rod casting...$0.45
No. SP531—Batter rod assembly...$1.50

Parts for Ludwig Original Pedal—No. 310
No. P-504—Stand assembly only. No attachments...$3.75
No. P-508—Footboard...1.75
No. P-531—Batter rod assembly...1.80
No. P-530—Cymbal striker, complete...$0.90
No. P-537—Clamp screw for cymbal striker...$0.20
No. P-53—Hump...$0.50
No. P-537—Clamp screw for beater rod...$0.20
No. P-34—Shaft screw...$0.10
No. P-223—Spring and clevis assembly...$1.00
No. P-10—Spring only. (For older models)...$0.20
No. P-11—Adjusting screw...$0.10
No. P-13—Adjusting nut...$0.15
No. P-13—Toe clamp...$0.70
No. P-12—Wing nut...$0.10
No. P-40— Toe clamp adjusting screw...$0.20
No. P-8—Hook...$0.10

NOTE: Unless otherwise stated all repair part prices are for nickel plated finish.

Strainer Repair Parts
No. 335—Military Strainer. Complete...$2.00
No. MS8—Snare tension screw...$0.25
No. MS7—Slide plate...$0.55
No. MS8—Slide for shell...$0.75
No. MS9—Snare butt...$0.50

Other Repair Parts
No. MD3—Carrying eye for metal hoop drum...$0.25
No. 950—Carrying ring for wood hoop drum...$0.35
No. 262—Key holder (without key)...$0.25

Page 59

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 clog 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. 4640—Postpaid...............................$5.45

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)
- 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 are 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

40 Pupil Outfit
Especially recommended for larger 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

RHYTHM BAND DIRECTION
A thorough instruction method, written by Miss Lyra Vine 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

Genuine
Pitchhorn 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

ONLY
$1

Open tube principle makes this instrument easier to play. Will not vary in pitch; responds quickly.

Here is a real musical instrument to add melody to your Rhythm Band group! Built in the key of C, it is possible to play directly 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 need to 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

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE
Ludwig & Ludwig RHYTHM Band Instruments

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 it with its own individual mallet. Furnished in sets of 6 bells in keys of C, D, E, F, G, 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. 8403—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 6 Bells, Key of E. Complete in box with instructor and 6 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

Jingle Clogs
Consists of pair of fine quality metal jingles mounted on wood handles which is shaped to fit the hand. Used by holding in one hand and tapping against the other hand, or for "dingy" effects by waving and rotating wrist. Attractively colored handles.

No. 4512—Jingle Clogs, per pair of two handles. $0.50

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. $1.25
No. 4403—Tone Boy, Similar to above, but without wires. Each $1.00

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

Cymbals
Professional quality throughout. Made of "space" 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 strap, per pair. $1.00
No. 4425—Ludwig Cymbal with web strap and beater, complete. $0.55

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. 4009—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

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

Ludwig Tymbourines
Ludwig Tymbourines are built to withstand long, hard usage, and for excellence of tone. Shell is solid wood giving maximum strength, and head is of genuine white calfskin tacked firmly and evenly to the shell.

No. 4489—Tymbourine, 7" diameter, postpaid $1.00

Ludwig Director's Baton
Made of fine hickory, nicely tapered. Finished in two attractive colors. Made of straight grained, well seasoned wood.

No. 4636—Director's Baton, 17" long, each postpaid $0.35

Rhythm Bell
Usually used on the accented beats. Equipped with durable, adjustable leather strap. Bell is 1 1/2" in diameter; and is bright nickel plated.

No. 4654—Rhythm Bell, each. $0.45

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. 4487—5" Triangle, with Striker, each postpaid $0.45
No. 4406—Triangle Holders, postpaid, three for $25

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. 4486—Hand Castanets, per pair, postpaid $0.60
No. 4460—One pair of Castanets on a wood handle, each, postpaid $1.20

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 $0.50

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

Page 61

**INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT... THERE IS NO SUBSTITUTE**
Ludwig & Ludwig "TWIRLO" BATONS

Now Made With CHROMIUM PLATED SHAFT

$2.00

TWO MODELS

No. 536
Juvenile Twirlo
Length, 28"
Weight, 13 oz.

No. 537
Junior Twirlo
Length, 30"
Weight, 14 oz.

Ideal for lightning fast twirling.
The perfect batons for class work.
Rubber ball and tip easily cleaned.
Correct length for under leg passes.

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, ¾", Weight, 13 ounces. Each ........................................ $2.00

No. 537—Junior TWIRLO Baton. Length, 30", Diameter of shaft, ¾", Weight, 14 ounces. Each ........................................ $2.00

Light weight—easy to throw and catch.
Ideal for lightning fast twirling.
Rubber ball and tip protects floor and furniture.
Batons balance perfectly for twirling.
Ideal length and weight for two baton work.
Strong and sturdy. Ideal for trick bounces and throws.

Page 62

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE
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 “curly cues” 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 ¾” 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.

No. 543—Heavy Spinno Baton. Similar to above, but larger and heavier. Length, 34”. Diameter of shaft, ¾”. Weight approximately 20 ozs.

No. 530—Junior Spinno Baton. Shaft is ¾” diameter seamless steel tubing, and is heavily chromium plated. Length is 30”, weight 16 ozs. Each

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.

Baton Covers

No. 542—Made of heavy mackintosh cloth with zipper fastener. Specify model of baton intended for.

Baton and Bugle Cords

No. 539—Yellow silk cord
No. 540—Legion Yellow and Blue combination with tassels. Silk.

NEW!

Flash Pearl Baton

The baton you have been waiting for is now a reality! For the first time in baton history, a “flash” and “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, ¾”.

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...
No. 544S—All Silver Flash Pearl Baton...

SEE THE NEW “SPIRAL TWIRLO” BATON on PAGE 64

ALSO TYPICAL LUDWIG & LUDWIG BATON USERS

Standard SIGNAL Baton

No. 559A—A favorite with drum majors for straight signal work. Blue enameled wood shaft with chrome 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.

Junior SIGNAL Baton

No. 548—Extremely light in weight, ¾” 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

INSIST ON GENUINE LUDWIG & LUDWIG EQUIPMENT...THERE IS NO SUBSTITUTE
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 3/8" 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.

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.
Right—BECKY HAVENS, of Bengal Guards Drum and Bugle Corps, Orange, Texas.

Right—Centralia, Ill., Twirlers: Dale Hubbard, Wendall Sinclair, Billie Carlyle, and Betty June Stimson.

Below—ROGER LEE, National Champion Baton Twirler and author, "How to Twirl a Baton." Uses and recommends Ludwig & Ludwig Batons.


Left—DON WILLIAMS, Professional twirling star rodeo and show.

Above—HERMAN WIEGMAN, Three times National H. S. Twirling Champion.

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