Here's My Best
OF
50 YEARS
EXPERIENCE
Wm F. Ludwig

WFL DRUM CO. 1728 No. Damen Avenue, Chicago 47, Ill.
This new sensational complete drum outfit embodies everything the discriminating drummer requires to play any job. All tension casings are Classic die-cast self-aligning separate tension casings heavily plated and polished to a high lustrum. Triple flange metal counter-hoops on all drums. The outfit that supplies everything and at a reasonable price!

**Outfit Consists of:**
1. No. 902L—6½“x14” Super Classic Snare Drum, Lacquer
2. No. 924L—14”x24” Super Classic Bass Drum, Lacquer
3. No. 944L—9”x13” Super Classic Tom Tom, Lacquer
4. No. 45—Heavy duty tom tom holder, mounted
5. No. 950L—16”x16” Super Classic Tom Tom, Lacquer
6. No. 5020—Set of three legs mounted
7. No. 1373—14” Extension cymbal holder
8. No. 1374—16” Extension cymbal holder
9. No. 1377—Buddy Rich brush cymbal
10. No. 1379—Brush cymbal holder
11. No. 128—3½” Clear tone cow bell
12. No. 133—Single cow bell holder
13. No. 1355—Heavy duty snare drum stand
14. No. 252—Speedmaster drum pedal
15. No. 136—Adjustable bass drum muffler

1 pr.—No. 1301—Giant spurs
1 pr.—No. 1050—Swing Drumming Instructor
1 pr.—No. 190—Wire brushes, rubber covered
1 pr.—No. 318—Buddy Rich speed sticks

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**De Luxe Club Date DRUM OUTFIT**

WITH TRIPLE FLANGE HOOPS!

This new Deluxe Club Date Outfit is complete in every detail. All drums are uniformly equipped with die-cast self-aligning streamlined “twin” tension casings heavily plated and polished to a glistening lustrum. Special “Club Date” size tom toms and bass drum for easy travel and utility. Regular professional tone and genuine Wm. F. Ludwig quality. Triple flanged metal counter-hoops all around. The BIGGEST buy in the outfit field!

**Outfit Consists of:**
1. No. 470L—6½”x14” Professional Snare Drum, Lacquer Finish
2. No. 444L—9”x13” Club Date sep. ten. tom tom, Lacquer Finish
3. No. 775—Ratchet tom tom holder, mounted on 9”x13” tom tom
4. No. 446L—14”x24” Separate Tension streamlined bass drum, lacquer
5. No. 446L—12”x15” Club Date, sep. ten. tom, Lacquer Finish
6. No. 5020—Set of three legs and brackets mounted on tom tom
7. No. 777—Tuneable Tone Block
8. No. 128—3½” Clear tone cow bell
9. No. 1356—Regulation Drum Stand
10. No. 1374—16” Extension cymbal holder
11. No. 1323—Cow bell and block holder
12. No. 272—Twin spring Speedmaster drum pedal

1 pr.—No. 1301—Giant spurs
1 pr.—No. 136—Adjustable bass drum muffler
1 pr.—No. 1052—Elementary Drumming Instructor
1 pr.—No. 190—Wire brushes, rubber covered
1 pr.—No. 318—Buddy Rich speed sticks
**DeLuxe Combo Outfit**

**WITH TRIPLE FLANGE HOOPS!**

Snappy! Colorful! Complete! Wm. F. Ludwig's new "DeLuxe Combo" outfit is the drum sensation of the age! All drums are supplied as shown with sporty die-cast self-aligning tension casings beautifully plated and polished and triple flange counterhoops on snare drum and tom toms. The new sizes provide excellent tone and resonance and are extremely portable. A real professional outfit at a price to fit every purse!

**Outfit Consists of:**

1—No. 470L—6½"x14" Professional snare drum, lacquer finish
1—No. 3248—14"x24" Separate tension bass drum, lacquer finish
1—No. 444L—9"x13" Sep. tension tom tom, lacquer finish
1—No. 775—Ratchet tom tom holder mounted on 9"x13" tom tom
1—No. 777—Tuneable tone block
1—No. 126—13½" Clear tone cow bell
1—No. 1374—16" Extension cymbal holder
1—No. 1323—Cow Bell and block holder
1—No. 1377—Buddy Rich special brush cymbal
1—No. 1379—Special brush cymbal holder
1—No. 1356—Regular Drum Stand
1—No. 252—Twin spring Speedmaster drum pedal
1—No. 136—Adjustable bass drum mufller
1 pr.—No. 1301—Giant spurs
1—No. 1052—Elementary Drum Instructor
1 pr.—No. 190—Wire brushes, rubber covered
1 pr.—No. 318—Buddy Rich speed sticks

(No substitutions or omissions)

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**WFL'S Biggest Bargain in a Dance Outfit**

The Dance outfit is now available in choice of blue and silver, or black and gold multi-color finishes.

Popular size snare drum is 6½"x14" and new 14"x24" size bass drum is just like the professionals use! Snare drum is separate tension with double flange hoops and self-aligning die-cast tension casings plated and polished to a sparkling lustre. Twin spring professional Speedmaster pedal and first class accessories make the NEW DANCE outfit tops for the money!

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**See PRICE LIST**

**Outfit Consists of:**

1—No. 490—6½"x14" Sep. ten. self-aligning snare, double flange hoops
1—No. 3268—14"x24" Sing. ten. bass drum
1—No. 1480—10" Turkjan cymbal, thin
1—No. 1357—Standard snare drum stand
1—No. 128—3½" Clear tone cow bell
1—No. 777—Tuneable tone block
1—No. 232—Speedmaster drum pedal
1 pr.—No. 1302—Standard adjustable spurs
1 pr.—No. 318—Buddy Rich snare drum sticks
1 pr.—No. 193—Nickel plated telescopic wire brushes
1—No. 1052—Elementary dance drum instructor
1—No. 1374—16" Extension cymbal holder
1—No. 1323—Cow bell and block holder
No. 1760—White Lac.
No. 1764—New Dance Outfit, Blue and Silver Multi-Color.
No. 1765—New Dance Outfit, Black and Gold Multi-Color.
New W.F.L. COMPACTO JOBING OUTFIT!

Here's an entirely new outfit designed exclusively by Wm. F. Ludwig for the jobbing drummer. It's a "go" or travel outfit for one nighters and combo work. Combination drum is both bass drum and tom tom used in vertical position as shown. When playing in big bands, same drum may be placed in regular playing position and additional tom toms attached in the usual manner. Pedal reverses to strike upwards or play in conventional position. Cymbal holders and legs are mounted directly on shell. Cymbals not included.

Entire outfit packs in ONE fibre case!

No. 1101 — New Compacto Outfit Without Cymbals.
Choice of Pearl, Triple Crown Hardware, as shown.

*No. 8799 — 26" x 23" dia. round fibre case to hold compl. outfit

Compacto Outfit Consists of:

1. No. 905P — 3" x 13" Snare, Choice of Pearl
2. No. 960P — 18" x 20" Compacto drums, Pearl
3. No. 255 — Reversible pedal
4. No. 256 — Pedal bar
5. No. 1362 — Shell mount cymbal holder, 18"
6. No. 1361 — Shell mount cymbal holder, 16"
7. No. 1370 — Extra cymb. arms for upright use
8. No. 1359 — Regulation snare drum stand
9. No. 318 — Buddy Rich sticks
10. No. 319 — Pair of spurs
11. No. 1050 — Swing Drumming Book
12. No. 190 — Pair wire brushes

Buddy Rich "BE-BOP" DRUM

The new "Be-Bop" style of drumming calls for a special 3" x 13" snare drum and W.F.L. again leads with this new model.

It was designed at the request of Buddy Rich for use with small combos and on television shows. The smaller head area permits a crisp, sharp tone and resists head shrinkage caused by dry air conditioning and hot television light. No. 905P — 3" x 13" Choice of Pearl, Chrome.

NEW COMPACTO SNARE DRUM

New separate tension lugs permit plenty of room for head "draw-down" and newly designed strainer works silently and efficiently. Equipped with exclusive triple flange hoops for brittling "fire-cracker" rim shots.

No. 906P — 4" x 14" Be-Bop Drum, Choice of Pearl Finishes, Chrome.
Buddy Rich Super Classic Outfit

Here is the "tops" in professional drum equipment! Designed drum for drum by Wm. F. Ludwig for the "Top Professionals of the Drum World" like BUDDY RICH! All drums have separate tension, self-aligning die-cast tension casings hand plated and polished to a glistening lustre. Exclusive W.F.L. triple flange hoops on all drums prevent nicking and breaking of sticks!

Buddy Rich Super Classic Drum Outfit Consists of:

   Choice of Pearl
   Choice of Pearl
1- No. 944P—9"x13" Super Classic Sep. Ten. Tom Tom
   Choice of Pearl
1- No. 950P—16"x16" Super Classic Sep. Ten. Tom Tom
   Choice of Pearl
1- No. 45—Heavy Duty Tom Tom Holder mounted on 9"x12" tom tom
1- No. 5020—Set of three tom tom legs and brackets mounted on 16"x16" tom tom
1- No. 1120—Hi-Hat Sock Pedal, adjustable height

See Page 27 For Cymbals

No. 980P—Buddy Rich Outfit, Choice of Pearl Finishes, Less all Cymbals

Regularly supplied in 5½"x14" and 14"x24" size. If 6½"x14" and 14"x26" size desired, specify. No change in outfit price.

All Prices Shown In Separate Price Supplement

WFL DRUM CO., 1728 N. DAMEN AVE., CHICAGO
Ray Bauduc Swing Outfit

Ray Bauduc, one of America's top drummers, prefers this snappy set-up for traveling dates. It has compactness without sacrificing that big-band tone so necessary with organizations like Jimmy Dorsey. The new 14"x22" size bass drum and 5½"x14" have the "sound" professionals want! All are separate tension with triple flange hoops on snare and tom tom. Speed King pedal and new adjustable height hi-hat with the reversible heel plate foot board. Tops in quality throughout! Designed for the discriminating professional!

Ray Bauduc Outfit Consists of:

1—No. 900P—5½"x14" Super Classic Snare Drum, Pearl Finish
1—No. 922P—14"x22" Super Classic Bass Drum, Pearl Finish
1—No. 942P—9"x13" Super Classic Tom Tom, Pearl Finish
1—No. 45—Heavy duty tom tom holder, mounted on 9"x13" tom tom
1—No. 1120—Hi-hat sock pedal
1—No. 1374—16" Extension adjustable cymbal holder
1—No. 1375—18" Extension cymbal holder
1—No. 128—3½" Clear tone cow bell
1—No. 133—Single adjustable cow bell holder
1—No. 1355—Heavy duty adjustable snare drum stand
1—No. 201—Speed King pedal, twin spring
1—No. 136—Adjustable bass drum muffer
1 pr.—No. 1301—Giant spurs
1 pr.—No. 190—Rubber covered professional wire brushes
1—No. 1050—Swing Drumming Instructor by Wm. F. Ludwig, Jr.
1 pr.—No. 316—Buddy Rich professional speed sticks

Super Classic "TRAVELER" OUTFIT

It's new! It's revolutionary! The snappiest little professional outfit in the land! 14"x20" bass drum for maximum portability and convenience and Buddy Rich model 5½"x14" snare drum—all with separate tension Classic tension castings. Speed King pedal and professional accessories make this the finest outfit in the land at the best price!

Oufit Consists of:

1—No. 900P—5½"x14" Super Classic snare drum, pearl
1—No. 920P—14"x20" Super Classic Bass Drum, pearl
1—No. 1374—16" Extension cymbal holder
1—No. 128—3½" Clear tone cow bell
1—No. 133—Single adjustable cow bell holder
1—No. 1355—Heavy duty snare drum stand
1—No. 201—Speed King drum pedal
1 pr.—No. 1301—Giant spurs
1 pr.—No. 136—Adjustable bass drum muffer
1—No. 1050—Swing Drumming Instructor
1 pr.—No. 190—Wire brushes, rubber handle
1 pr.—No. 316—Buddy Rich professional speed sticks

No. 982P—Ray Bauduc Swing Outfit, No Cymbals, Choice of Pearl Finishes

Pearl finishes are: marine pearl, black pearl, silver, gold, blue, red, and green flash pearl.
For chromium plated drums, add
Regularly supplied in 5½"x14" and 14"x22" sizes. If other sizes desired, specify.
(Cymbals Shown on Page 27)

No. 984P—Super Classic "TRAVELER" Outfit, Choice of Pearl Finishes

Pearl finishes are: marine pearl, black pearl, silver, gold, blue, red, and green sparkling flash pearl.
For chromium plated parts, add
Regularly supplied in 5½"x14" and 14"x20" sizes.
No cymbals.
SUPER CLASSIC TOM TOMS

All W.F.L. tuneable tom toms are equipped with exclusive and patented triple flange counterhoops. Triple flange hoops provide extra strength at a great saving in total weight. They also prevent nicking and "chewing" of sticks and afford a uniformly beautiful appearance eliminating old-style, cumbersome claw hooks.

NEW SELF-ALIGNING SUPER CLASSIC TOM TOMS

Equipped with self-aligning Classic tension casings and triple flange counterhoops. Select, matched heads.

NOTE: Regularly supplied without tone controls by professional demand. If tone controls desired, specify at no extra cost.

Separate Tension Choice of Lacquer Finishes

<table>
<thead>
<tr>
<th>No.</th>
<th>Size</th>
<th>Finish</th>
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<tr>
<td>942L</td>
<td>8&quot;x12&quot;</td>
<td>Lacquer</td>
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<tr>
<td>944L</td>
<td>9&quot;x13&quot;</td>
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<td>946L</td>
<td>12&quot;x14&quot;</td>
<td>Lacquer</td>
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<td>950L</td>
<td>16&quot;x16&quot;</td>
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<td>Lacquer</td>
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Separate Tension Choice of Pearl Finishes

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<td>952P</td>
<td>16&quot;x18&quot;</td>
<td>Pearl</td>
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<tr>
<td>954P</td>
<td>18&quot;x20&quot;</td>
<td>Pearl</td>
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</table>

For triple chrome plating on all hardware, extra.

CLUB DATE TUNABLE TOM TOMS

These fine quality new tom toms are designed for lacquer sets and possess the same high quality of all W.F.L. tom toms. They are equipped with triple flange counterhoops and separate tension die-cast tension casings 100% self aligning.

Supplied in lacquer colors only. Standard colors are blue and silver, and black and gold multi-color lacquer.

<table>
<thead>
<tr>
<th>No.</th>
<th>Size</th>
<th>Choice of Lacquer</th>
</tr>
</thead>
<tbody>
<tr>
<td>444L</td>
<td>9&quot;x13&quot;</td>
<td>Choice of Lacquer</td>
</tr>
<tr>
<td>446L</td>
<td>12&quot;x15&quot;</td>
<td>Choice of Lacquer</td>
</tr>
</tbody>
</table>

TOM TOM HOLDERS AND LEGS ARE EXTRA!

Be sure to indicate on your order if tom tom holder or legs are desired on all tom toms! They are illustrated on page 26. Please specify!

- No. 45 — Tom tom holder, hoop mount type, heavy duty
- No. 775 — Tom tom holder, hoop mount type, for lacquer shell tom toms
- No. 778 — Clipper shell mount holder, heavy duty, professional
- No. 5020 — Set of three legs and brackets for floor tom toms

Chrome plating is extra.

W.F.L. DRUM CO., 1728 N. DAMEN AVE., CHICAGO
Buddy Rich Model SUPER CLASSIC

This FAMOUS and SENSATIONAL WFL streamlined wonder-drum has been designed personally by America’s outstanding drum designer and authority, Wm. F. Ludwig, for Buddy Rich and the leading drum stars of the drum world. Incorporated in its modern design are many exclusive WFL features of great importance.

The self-aligning streamlined tension casings possess clean design, class, and symmetrical beauty of the highest order. Triple-flange metal counterhoops are exclusive with WFL Drum Co., and add strength, make rim shots easier to strike, and prevent breaking and nicking of sticks.

The new modern, streamlined snare strainer is completely enclosed for protection and designed to harmonize with the Classic beauty of the tension casings. Snarees are evenly mounted on plastic plates, (a new patented WFL process.) which are in turn attached directly to the snare strainer and snare butt for full throw-off and fast, sure snare adjustment.

The WFL shell is fabricated of finest mahogany and maple plywood carefully joined to produce the world’s finest and strongest shell. All metal parts, including hoops, tension casings, and strainer are hand plated and polished to a high luster. Select, matched heads end the long list of great features which, combined, make the Buddy Rich Super Classic the finest professional drum in the world!

No. 900P—5½"x14" Buddy Rich Model Super Classic Snare Drum in choice of Pearl Finishes

No. 900L—5½"x14" Buddy Rich Model Super Classic Snare Drum in choice of Blue and Silver, Black and Gold, or White Lacquer.

For chrome plate, add

NOTE: Regularly supplied without tone control by professional demand. If desired at no extra cost, specify!

CONCERT MODEL SNARE DRUMS

Here is the foremost Concert model snare drum on the market designed personally by Wm. F. Ludwig for the Symphonic Orchestra! Sixteen newly designed self-aligning streamlined tension casings plated and polished to a high luster by hand provide eye-catching appeal. Triple flange metal counterhoops assure extra strength and prevent nicking and breaking of sticks. Equipped with new heavy wire concert snares.

New streamlined full-extension snare strainer throw off provides full snare action and easy, silent, quick snare throw-off or adjustment. Shell is of strong laminated mahogany beautifully finished. Heads are evenly matched and personally selected by Wm. F. Ludwig!

No. 407—6½"x14" CONCERTO Model concert drum, mahogany

No. 408—6½"x15" SYMPHONIC Model concert drum, mahogany

No. 409—8"x15" PHILHARMONIC Model concert drum, mahogany

Choice of lacquer colors, extra

Choice of pearl finishes, extra

For chrome, add

Wire-cut snares, extra

100% self-alignment on all W.F.L. tension casings!

WFL DRUM CO., 1728 N. DAMEN AVE., CHICAGO
Top WFL Features of the New Classic Snare Drum.

- Sixteen separated streamlined CLASSIC tension casings.
- Patented, exclusive WFL TRIPLE FLANGED heavy metal counterhoops.
- Streamlined Classic positive action throw-off strainer.
- Heavy three-ply shell construction strongly reinforced.
- Finger-tip snare adjustment from strainer housing.
- Wm. F. Ludwig designed and built throughout.
- Finest hand plating and polishing to a high lustre.
- Exclusive streamlined matching design.

Ray McKinley Model SNARE DRUM

The sensational new Classic Model Snare Drum features the new separated streamlined self-aligning tension casings designed to match the Classic tension casings on the WFL Classic bass drums and tom toms. This creates a beautiful drum ensemble with the accent on modern design. All plating is of the best quality and each casing is hand polished to a very high lustre.

Exclusive, patented, WFL TRIPLE FLANGED metal counterhoops make rim shots sure — they eliminate misses and also prevent breaking of sticks on the sharp edges of the conventional hoop.

Wm. F. Ludwig is America's foremost authority on the design and construction of the World's Finest drums and equipment—WFL. He has been active in the drum world for over fifty years and the Classic line presented on these pages represents the ultimate in the drum-makers art. First, the Classic line is all-new — newly designed with an eye not only towards practical performance but eye-arresting beauty. All shells, metal parts, plating, heads, and workmanship are of top-flight De Luxe quality and prepared under the PERSONAL SUPERVISION of drum-famous Wm. F. Ludwig Sr. and Wm. F. Ludwig Jr. No other guarantee assures you of so much first class quality!

No. 902P—8½" x 14" Ray McKinley Super Classic Model Snare Drum, Choice of Pearl Finishes.

No. 902L—8½" x 14" Ray McKinley Super Classic Snare Drum, Choice of Blue and Silver, Black and Gold, or White Lacquer finishes.

For chrome plate, add... ..........................................................

NOTE: Regularly supplied without tone control by professional demand. If desired at no extra cost, specify!

Contest Model Concert Drums

Triple flange metal counterhoops on this model give triple strength and prevent nicking or breaking of sticks. Self-aligning die-cast tension casings will not strip threads and are plated and polished to a high, gleaming lustre.

No. 470—6½" x 14" Contest Model Snare Drum, Mahogany...

No. 471—6½" x 15" Contest Snare Drum, Mahogany.......

No. 472—8½" x 15" School Symphony Concert Drum, Mahogany.

Choice of Lacquer Colors, extra...

Choice of pearl finishes, extra...

Triple chrome plated metal parts, extra...

Wire-gut two-tone snares, extra...

Gut snares, extra...

Supreme Concert Snare Drums

The NEW Supreme model concert drums are leaders in the low price field! Supplied with self-aligning die-cast tension casings heavily triple plated and polished to a gleaming lustre.

Regular three-ply shell richly finished in mahogany finish. Sure-fire throw off strainer permits fast and full release of snares with easy snare adjustment. Select, matched heads. Ideal for the school band or orchestra!

No. 490—6¼" x 14" Supreme model snare drum, mahogany...

Choice of lacquer colors, extra...

Nickel only.

WFL DRUM CO., 1728 N. DAMEN AVE., CHICAGO
Super **BASS DRUMS**

The WFL Super Classic streamlined bass drums feature the new, separated, streamlined self-aligning tension casings. Heavy-duty double claw hooks provide even all-around tension. Large "T" handles provide easy tensioning.

**No. 920P—14" x 20" Super Classic Pearl Bass Drum,**
Choice of Pearl Finishes

**No. 920L—14" x 20" Super Classic Bass Drum,**
Choice of Lacquer Finishes

**No. 922P—14" x 22" Super Classic Pearl Bass Drum,**
Choice of Pearl Finishes

**No. 922L—14" x 22" Super Classic Bass Drum,**
Choice of Lacquer Finishes

**No. 924P—14" x 24" Super Classic Pearl Bass Drum,**
Choice of Pearl Finishes

**No. 924L—14" x 24" Super Classic Bass Drum,**
Choice of Blue and Silver, Black and Gold, or White Lacquer finishes

**No. 926P—14" x 26" Super Classic Pearl Bass Drum,**
Choice of Pearl Finishes

**No. 926L—14" x 26" Super Classic Bass Drum,**
Choice of Blue and Silver, Black and Gold, or White Lacquer finishes

For chrome plate, add...

Pearl finishes available are: marine, black, gold, silver, red, green, and blue flash pearl—specify your choice of pearl finishes.

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**SUPER CLASSIC SCHOOL BASS DRUMS**

Designed exclusively for school use, this new line of Classic bass drums is tailor made to fit every requirement! Self-aligning, separated, die-cast, tension casings prevent stripping of rods and are beautifully plated and polished to a glistening lustre!

Sturdy three-ply shell, rock-maple hoops, and select, matched heads. Truly the world's finest and standard of the world!

**No. 920—14" x 28" Classic bass drum, mahogany shell, maple hoops,**
designed for 28 to 40 piece marching band

**No. 930—14" x 30" Classic bass drum, mahogany shell, maple hoops,**
designed for 40 to 50 piece marching band

**No. 932—16" x 32" Classic bass drum, mahogany shell, maple hoops,**
designed for 40 piece concert band or orchestra

**No. 934—16" x 34" Classic bass drum, mahogany shell, maple hoops,**
designed for 60 piece concert band or orchestra

**Choice of lacquer colors including hoops, extra.**

**Pearl inlaid counterhoops, extra.**

**Choice of pearl finishes, including inlaid hoops, extra.**

**Chrome plating, extra.**

**NOTE:** Send color samples when ordering special lacquer colors.

*For special sizes write for quotation.*

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**W.F.L. STREAMLINED TENSION CASINGS**

All W.F.L. self-aligning die-cast casings are designed with platform to equally distribute tension stress.

Hand plated and polished to a glistening rust-resistant lustre!

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**STANDARD BASS DRUMS**

This fine concert and marching bass drum is designed for the small marching band or beginners' orchestra and band. Size is best suited for both marching and concert use.

**No. 833—14" x 28" STANDARD Model**

SINGLE TENSION

**No. 3248—14" x 24" Dance Size**

**No. 3253—14" x 28" Marching size**

**No. 3255—16" x 30" March's, Corn.**

**No. 3256—16" x 32" Concert size**

**No. 3256—18" x 34" Concert size**

**No. 3257—18" x 36" Concert size**

**SEPARATE TENSION**

**No. 3258—14" x 24" Dance Size**

**No. 3272—14" x 28" Marching size.**

Regularly supplied in mahogany finish and maple hoops

Choice of lacquer colors including hoops, extra

Pearl inlaid counterhoops, extra...

Choice of pearl finishes, extra...

Chrome plating, extra...

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**CONCERT BASS DRUMS**

Designed by Wm. F. Ludwig for America's schools, these models represent the ultimate in bass drum design. Eye carrying hooks up to and including 14" x 30" size.

**Single Tension**

**No. 833—14" x 28" Standard Model**

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**No. 3252—14" x 28" Marching Model**

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8
KILTY SCOTCH BASS DRUMS
12 Tension Rods!
These snappy Junior model Scotch Bass Drums are strongly constructed and possess true W.F.L. top-flight quality and workmanship throughout.

Standard three-ply laminated cross-grain shell construction is strongly reinforced with double maple reinforcement hoops.

Extra wide spread double claw hooks for double grip hold sturdy maple counterhoops in place. Strong stud center supports accurately guide and hold single tension rods in correct position and alignment.

All metal parts are heavily plated and highly polished.
One pair of lamb's wool sticks and slings are included. A real buy for the beginner or junior carper!

No. 3096—10"x26" The KILTY model, single tension, mahogany

No. 3097—10"x28" The SCOT model, single tension, mahogany

Choice of lacquer colors, extra
Pearl inlaid counterhoops, extra

Above prices are in mahogany with maple hoops.
SCOTCH BASS DRUMS

Separate Tension
No. 3218—10"x26" Scotch
No. 3220—10"x28" Scotch
No. 3222—12"x28" Scotch

Single Tension
No. 3228—10"x26" Scotch
No. 3230—10"x28" Scotch

Choice of lacquer colors or multicolors, extra
Pearl inlaid counterhoops, extra
Choice of pearl finishes, extra
Chromium plating, add

W.F.L. SPURS

No. 1300—New Reversible W.F.L. Spur with choice of either steel point or non-slip rubber point, per pair

No. 1301—Improved Giant Spur to fit ALL size bass drums, per pair

No. 1302—New Long Model Standard Spur with extra length, per pair

New BASS DRUM ANCHOR to prevent "walking." Anchors bass drum in position! Reversible tips! Rubber or steel point!
No. 1304—Bass Drum Anchor as shown, per each
LATIN-AMERICAN PERCUSSION INSTRUMENTS

NEW W.F.L. COPPER TIMBALES

Exclusive triple flange hoops provide extra strength to shell and produce the sharp tone so desired in Timbales technique. Triple flange hoops also make rim shots SURE—you can’t miss! . . . and they prevent nicking and breaking of your sticks. W.F.L. Timbales are the only instruments made with copper shell and equipped with triple flange metal counterhoops!

Tension casings are self-aligning die-cast alloy beautifully plated and polished to a high lustre. New “clip” mounting permits easy and fast removal of Timbales from stand. Height is adjustable. Price includes stand. Heads are personally selected. Small timbale nests into large for transport.

No. 2350—W.F.L. Timbales sizes 6 1/2” x 11” and 6 1/2” x 13”, Copper Shell.

Triple Flange Hoops, including adjustable stand........................................

For triple chrome plating on hoops and lugs only, add..............................

No. 7150—14” round fibre timbales case

No. 132—Double cow bell holder to fasten on Timbales stand...........

For chrome, add..............................

W.F.L. Timbales nest for easy transport!

NEW "EXPANDO" TUNEABLE BONGOS

A revolutionary new design by Wm. F. Ludwig. Internal expansion ring presses against the head. Tone changes are very rapid and convenient—simply turn a single screw inside the shell! Furnished in white only.

Absence of old-style hoops prevents cutting of fingers and hands—entire head and shell surface free from obstructions. All-metal shell for maximum resonance. Used by the TOP rumba experts!

No. 2357—New “Expando” tuneable bongos, metal shell...........................

No. 8122—Fibre bongo case

"EXPANDO" CONGA DRUMS!

Here is the new Wm. F. Ludwig “Expando” principle of internal expansion ring applied to tuneable congo drums.

Turn single screw inside shell to change pitch fast and no hoops to cut hands! Authentic Cuban shape and taper on shell!

No. 2370—27” depth, 12” dia. . . . .

No. 2375—Pair of Conga drums on stand...........................................

Pearl, extra, per drum

No. 2370

CUBAN MARACAS


No. 2364—Cuban Maracas, per pair as shown.......................

No. 2365—De Luxe Maracas, hand painted, per pair..............

CUBAN GOURD or "GUIRO"


No. 2367—Medium size Cuban Gourd or "Guiro".................. $6.35

NEW DESIGN CUBAN "BONGALES"

Triple flange hoops—self-aligning casings—all swivel—all angle—all-adjustment holder for mounting on bass drum.

No. 2360—"Bongales," 5 1/2” x 6” and 5 1/2” x 8”, lacquer finish

No. 2362—"Bongales," 5 1/2” x 6” and 5 1/2” x 8”, pearl finish

Chrome plating on above add.......................

CLAVES

No. 2366—Claves, correct weight and tone, per pair.................

No. 2368—De Luxe Claves, hand painted, per pair................
Buddy Rich

Ace drummer-man, Teddy Stewart, and his W.F.L. outfit.

Roy Haynes, star soloist, plays W.F.L. drums.

"TOP STAR OF THE DRUM WORLD"

plays WFL Drums exclusively

Chas. "Specs" Wright, outstanding percussionist at his W.F.L. outfit.

Radio and solo star Tommy Check, boy wizard of the drums, plays W.F.L. exclusively.
Top Professionals Choose... WFL Drums

BUDDY RICH
Top Star of the Drum World

RAY BAUDUC
All-time Solo Star

J. BURNS MOORE
Famous drum authority

MAX MARIAH
Radio Star

DANNY CASSELLA
Top Rumba Star

RAY MC KINLEY
Leading his own band

ROY HARTE
Combo King

Buddy Schutz
with Vincent Lopez

COZY COLE
and his comboy

Stanley Kay
Featured Star

BEV

RAY DIENEMAN
with Victor Lombardo

Ernie Kudisill
with Sammy Kaye

PAUL WHITEMAN JR.
Leading his own band

Jack Adams
Boston, Mass.

STANLEY KAY
with Victor Lombardo

JOHN NOONAN
Famous drum instructor

Jack Miller
Outstanding drummer

Phil Hale
Rumba specialist

Viola Smith
with Phil Spitalny

JACK POWELL
Star solo drummer

ROY C. KNAPP
"Pres. Ray C. Knapp
School of Percussion"

Jackie Hett
with Eddie Howard

Maurie Ishon
Television Star

Kenny John
with Raymond Scott

WFL DRUM CO.  Wm. F. Ludwig, Pres.
1728 N. Damen Ave., Chicago, Ill.
**CONCERT BELL LYRAS**

**W.F.L. Bell Lyra Stand**

A De Luxe bell lyra stand made from very heavy stock and adjusts to hold instrument in ANY position. Ideal for the concert band or orchestra. Folds for transport and heavily nickel plated.  

No. 2049 — Concert bell lyra stand....

**Used in Concert**

The new "Two Tone" W.F.L. bell lysas can be used in concert band or orchestra as well as for marching. Built in key of C—no transposition necessary. Cut above shows proper playing position as orchestra bells.

**New Horizontal Holder**

The new W.F.L. horizontal attachment to fit bell lyra stands enables lyra to be used in horizontal position as shown in the accompanying cut. For use as orchestra bells. This simple attachment will fit any bell lyra stand.  

No. 2048 A—Holder attachment....

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**The New Wm. F. Ludwig**

**"Two Tone" Bell Lyra**

**Another Wm. F. Ludwig First!**

Wm. F. Ludwig, originator of the standard chromatic bell lyra presents the FIRST "two-tone" bell lyra. Chromatic bars are gold plated to enable the player to more easily distinguish natural bars from chromatics. All chromatics are raised so that the instrument may be used in concert as Orchestra Bells or on the march! The combination of gold chromatics and the raised bars makes this truly a duopurpose instrument!

Range is the full two octave A to A pitched in the key of C so that player can read, at sight if necessary, the standard bell lyra parts now supplied with all march arrangements. They can also be used as orchestra bells in either the concert band or orchestra. Bars are large size—1½ inches wide by ¾ inches thick and are perfectly tuned.

Sturdy undentable one-piece frame is polished to a glistening chrome-finish lustre and is light in weight. Bars are mounted on soft felt rails to provide maximum resonance. Total weight of entire instrument is only 13 lbs. Regularly supplied with one pair of hard mallets, one pair of plumes, and telescopic holder.

No. 2044—Concert TWO TONE Chromatic Bell Lyra, 25 bars A to A complete with mallets and plumes....

No. 2047—Leather Carrying Strap, adjustable....

No. 2048—Mackintosh carrying cover with flannel lining, zipper

No. 638—Bell lyra mallets, per pair...

No. 639—Hair plumes 18" long, white only, per pair...

Every band should have a set of the new tone-perfect, eye-catching, flashy, W.F.L. "Two-Tone" Bell Lyras! An exclusive Wm. F. Ludwig product!

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**TWO-TONE BARS!**

**Gold Chromatics, Chrome Naturals**

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**W.F.L. Two Tone Bugle Lyra**

Extra large bars for easy playing with great volume  
**For Drum and Bugle Corps with Piston Bugles**

Service organizations are now permitted to use bugle lyra and bell lysas in competition and W.F.L. presents herewith the finest bugle lyra in the land. Perfectly tuned bars are extra wide and thick for maximum resonance—1½" wide and ½" thick. Frame is constructed of light weight yet sturdy material made in one piece. Frame is undentable and non-tarnishing highly polished to a chrome-lustre.

"G" bars are chrome polished and "D" bars are gold plated. Tuning corresponds to the "G-D" piston bugle. Mallets and plumes are included.

No. 2055—W.F.L. TWO TONE BUGLE LYRA, 8 bars, G-D with mallets and plumes with telescopic staff....

No 2048A—Mackintosh cover, zipper...
Flag Swinging represents a brand new and exciting form of expression. The technique is graceful and the routines are adapted for interesting team work. We are proud to present a truly authentic swing flag built to highest standards and workmanship.

Swing Flags

Perfectly balanced for maximum efficiency through all movements and high throws. Shaft of tapered steel tubing triple chrome plated and polished to a gleaming lustre! Molded rubber handle is exclusive, provides correct balance, weight and grip for all routines. Size of flag is 31 inches (along the shaft) and 34 inches wide.

No. F44—W.F.L. Swing Flag Complete with Flag and Steel Shaft
Steel Shaft with handle, 44" Flag, white only, with clips

EXCLUSIVE PATENT FLAG DESIGN AND CONSTRUCTION

The texture and weave of W.F.L. flag material is similar to fine silk. It is a new, improved type of light weight material with unusual strength.

This new material is used by expert flag swingers and soloists because it is sheer, flows in the wind, permits high tosses and high throws.

Another advantage of the new material is that it will not whip out at the ends or fray as readily as the heavier fabrics do. Supplied in WHITE color only.

FREE INSTRUCTION FOLDER WITH EVERY FLAG!
J. BURNS MOORE PARADE DRUMS

The most famous drum in the world! Streamlined self-aligning tension casings, light weight, sturdy construction. Sticks and sling included. Mahogany shell, maple counterhoops are standard. New throw-off strainer included. Separate tension.

No. 3200—10"x15" J. Burns Moore model, mahogany shell, maple hoops...........................................
No. 3200P—10"x15" Choice of pearl finishes, triple flange metal hoops.............................................
No. 3201—12"x15" J. Burns Moore model, mahogany shell, maple hoops...............................................
No. 3202—12"x15" J. Burns Moore model, mahogany shell, triple flange metal hoops..........................
No. 3204P—12"x15" J. Burns Moore model, choice of pearl with inlaid pearl hoops..............................
No. 3205P—12"x15" J. Burns Moore model, choice of pearl with triple flange metal hoops......................

Prices include sticks, sling and patented W.F.L. parade-type coiled wire snares.
Choice of lacquer colors including hoops, extra..................................................................................
Pearl inlaid counterhoops on lacquer shell drums, extra.................................................................
Gut snares, extra.................................................................................................................................
New patented W.F.L. "two-tone gut-wire" snares, extra..................................................................
Folding rod or shell mount leg rest, specify, extra.............................................................................
For chrome plating, add per drum........................................................................................................
Classic throw-off streamlined snare strainer, on metal hoop drums only, add...............................

No. 3203—12"x16" J. Burns Moore model parade drums, add $3.00 to 12"x15" drums.
Choice of marine pearl, black pearl, gold flash, silver flash, blue flash, red flash, or
green flash sparkling pearl finishes.
See page 33 for cases and covers.
New Champion PARADE and CONCERT DRUMS

SUPER CLASSIC PARADE DRUMS

This Super Classic model parade drum is the finest ever made. Equipped with the new Classic self-aligning separated tension casings hand plated and polished to a high lustre. Sixteen heavy-duty double claw tension hooks; heavy three-ply laminated mahogany shell; maple hoops; military snare strainer; heavy gauge powerful wire snares make this the leader of all parade drums. Used by the leading corps from Coast to Coast! Pair of sticks and sling included. For the Advanced or Senior corps and school bands. Throw-off snare release—no extra charge!

No. 970—10"x14" Classic, separate tension, mahogany finish, maple hoops
No. 970P—10"x14" Classic, separate tension, pearl finish, triple flange metal hoops
No. 976P—10"x15" Classic, pearl finish, triple flange metal hoops
No. 971—12"x15" Classic Model Parade Drum, mahogany finish, maple hoops
No. 972—12"x15" Classic Model Parade Drum, mahogany, triple flange metal hoops
No. 974P—12"x15" Classic, choice of pearl finishes, wood hoops with pearl inlay
No. 975P—12"x15" Classic, choice of pearl finishes, triple flange metal hoops

Prices include sticks, sling, and patented W.F.L. parade-type coiled wire snares.
Choice of lacquer colors including hoops, extra...
Pearl inlaid counterhoops on lacquer shell drums, extra...
Gut snares, extra...
New patented W.F.L. "two-tone wire gut" snares, extra...
Folding shell mount leg rest only, specify, extra...
For chrome plating, add per drum...
Classic throw-off streamlined snare strainer on metal hoop drums only, add...

No. 973—12"x16" Classic model parade drums, add $3.00 to prices of 12"x15" drums.
Choice of marine pearl, black pearl, gold flash, silver flash, blue flash, red flash, or green flash sparkling pearl finishes.

CHAMPION SEP. TEN. MODEL

Separate tension die-cast streamlined tension casings highly polished to a sparkling lustre. Sturdy double claw hooks. Snappy wire snares and three-ply mahogany shell and maple hoops. Sticks and sling included. Equipped with throw-off snare strainer.

No. 3091—10"x14" Champion separate tension model, mahogany and maple hoops
No. 3092—10"x14" Champion model, mahogany, triple flange metal hoops
No. 3202—12"x15" Champion separate tension model, triple flange metal hoops
Triple chrome plating, extra...
Choice of lacquer colors, extra...
Choice of pearl finishes, extra...
Gut snares if desired, specify, extra...

NOTE! The majority of corps prefer drums without tone controls for greater resonance. If tone controls are desired, specify with your order, and we will include them on all separate tension models at no extra charge.

See Page 33 for covers and cases.

NEW "TWO-TONE" WIRE-GUT SNARES

The greatest snare advancement in years! Two types—wire and gut—are combined in a single strand. This provides the sensitivity of wire snares with the power and volume of gut snares. It’s the best-sounding, best-playing snare ever constructed!

No. P-109—Two-Tone Wire—
Gut Snare to fit any size parade drum $5.50
Available on all W.F.L parade or concert drums at time of order, additional with the drum $3.00

Triple flange hoops are exclusive with W.F.L. Will not break, nick, or "chew" your sticks.
Deluxe PARADE DRUMS

JUNIOR CHAMPION DELUXE MODEL
Equipped with throw-off snare strainer.

Designed by Wm. F. Ludwig for the advanced drum and bugle corps this fine, snappy drum is equipped with die-cast streamlined center supports plated and highly polished to a fine lustre, sturdy mahogany finish shell strongly reinforced. Equipped with snappi wire snares—easy playing.

No. 3081—10"x14" Junior Champion Deluxe model, single tension rods, die-cast tension casings, mahogany finish, maple hoops, nickel ..........................................................

No. 3083—12"x15" Champion DeLuxe model, single tension rods, die-cast tension casings, mahogany finish, maple hoops, nickel..........................................................

No. 3082—10"x14" Junior Champion DeLuxe model, single tension rods, die-cast tension casings, lacquer shell and hoops, nickel..........................................................

No. 3084—12"x15" Champion DeLuxe model, single tension rods, die-cast tension casings, lacquer shell and hoops, nickel..........................................................

Regularly supplied with sticks, sling, and new W.F.L. patented coiled wire heavy parade-type snares. For pearl inlaid counterhoops, add..........................................................

LEGIONNAIRE PARADE DRUM
Equipped with throw-off snare strainer.

The finest Junior single tension drum on the market at the lowest price! Designed for the Junior drum and bugle corps and for schools. Stud center supports, heavy single tension rods, double claw hooks, heavy wire snares and matched heads.

No. 3061—10"x14" The SQUADRON model, mahogany finish, maple hoops..........................................................

No. 3071—12"x15" The LEGIONNAIRE model, mahogany finish, maple hoops..........................................................

Regularly supplied with sticks, sling, and new W.F.L. patented coiled wire heavy parade snares. New fast-action throw-off strainer included at no extra charge.

Choice of lacquer colors, extra..........................................................

NEW PREP PARADE DRUM
With throw-off snare strainer.

The new Prep model is equipped with six single tension rods and stud center supports. Sturdy three-ply shell will not warp or crack—the same high-grade materials are used throughout.

Shell is reinforced with top grain maple reinforcement hoops the same as the higher-priced models. Flawless rock-grained maple counterhoops complete the appointments of this unusual instrument.

Regularly equipped with patented parade-type coiled wire snares mounted in plastic snare plates and controlled by fast-action throw-off strainer! Sticks and sling included.

No. 3062—10"x14" PREP model parade drum, 6 rods

Choice of lacquer colors, extra..........................................................

WFL DRUM CO., 1728 N. DAMEN AVE., CHICAGO
SUPER DELUXE TENOR DRUMS

These authentic tenor drums possess all the pomp and circumstance of pageantry passing in review. The tenor drum, (no anes) provides that tonal blend between the booming bass drum and the sharp rat-tat-tat of the snare drums. Regular instrumentation is four tenor drums placed in the front rank for eye-attracting appeal. Ideal for school bands as well as drum corps!

No. 977—12”x17” Super Classic model tenor drum, separated Classic separate tension lugs, mahogany shell, maple hoops, sticks and sling included, each

No. 3210—12”x17” Champion J. Burns Moore model tenor drum, streamlined die-cast self-aligning separate tension casing, mahogany shell, maple hoops, sticks and sling included, each

Choice of pearl finishes on No. 977 and 3210 models, extra

Triple flange metal counterhoops, No. 977 and 3210 models, per pair, extra

Choice of lacquer colors, including hoops, all models, extra

For chrome plating on No. 977 and 3210, add

Pearl inlaid counterhoops are included in pearl price. If desired with lacquer drums on models No. 977 and 3210, add

For folding shell or rod mount leg rest, specify, extra

JUNIOR TENOR DRUM

The Junior Tenor drum No. 3065 matches either the No. 3061 or No. 3062 parade drums. Sturdy three-ply shell and single tension rods with stud center supports. Sticks and sling included.

No. 3065—10”x15” Junior tenor drum, mah...

Choice of lacquer colors, extra...

NOTE! For other size parade and tenor drums, write for prices!

HEAD PAINTINGS

No. 1350—Head lettering, organization name, number, city, and state in one color—black unless otherwise specified, less emblem, per head...

No. 1352—Head lettering, organization name, number, city, and state in one color—specify with black outline, less emblem, per head...

No. 1360—6” American Legion transfer in colors, each...

No. 1361—9” American Legion transfer in colors, each...

No. 1362—6” Veterans of Foreign Wars transfer in colors, each...

No. 1363—9” Veterans of Foreign Wars transfer in colors, each...

No. 1351—Shield monogram, one color—black unless otherwise specified, your initials, per each...

No. 1380—For American Legion or V.F.W. transfer as shown, add...

Additional colors and designs special, send for price. Transfers mounted on drums at factory free of charge. For additional transfers, write for information and prices.

No. 1350—American Legion Post V.F.W. transfer in colors, each...

No. 1350—Edmond C. Genet Post Ossining N.Y. transfer in colors, each...
STREAMLINED LOW SET "T" HANDLES

Small "T" handles lie close to heads and do not interfere with cross-sticking. Easy to grasp, positive in action. Brass bell cranks do not squeak or strip.

PERSONALLY SELECTED HEADS

In 1910, Wm. F. Ludwig constructed the first pedal-tuned tympani ever built in this country. Since that date, he has designed practically every new model of tympani built in America.

RIGIDLY REINFORCED KETTLES FOR MAXIMUM TONE

The reinforcement hoop supplies a rigid support to the kettle rim where strength is needed because of head tension. WFL kettles are rolled over this steel reinforcement hoop to provide a rigid foundation for the head!

All WFL tympani counter-hoops are made of heavy-gauge steel, carefully machined to provide uniform stress over entire head area—especially between tension rods.

BUILT-IN BELL CRANKS PROTECTED BY SUSPENSION STRUTS

Bell cranks distribute tension stress from the pull rods to the head. This delicate mechanism is fully enclosed within the tension strut for protection against knocks, bumps.

EXTRA HEAVY-GAUGE DEEP-FLANGED STEEL CONSTRUCTION

Copyright 1949, WFL Drum Co., Chicago

EASY-GRASP ADJUSTMENT KNOB

Stored energy compensates for changes in head tension automatically. Where slight adjustments are necessary, power knob may be turned in either direction quickly and conveniently.

FLOOR PEDAL PROVIDES FASTEST TUNING—EASY CONTROLLED ACTION—NO LOCK!

A simple heel-toe action moves pedal freely through entire range. Change of pitch is noiseless and fast—pedal holds automatically on all tones without need for cumbersome lock or clutch.

DEEP, SUSPENDED PARABOLIC KETTLE

WFL kettles are the deepest parabolic type ever built. Constructed of heavy gauge one-piece, seamless copper with even thickness—top to bottom. Full-suspension adds extra resonance—well-balanced tone.
More Professionals Choose the WFL Symphony Model Than Any Other Make!

From Coast to Coast, top professional and amateur organizations are selecting the Symphony Model to fulfill the most exacting musical requirements!

Detailed engineering plus years of practical experience have been incorporated in the design of this sensational new Symphony Model Tympani! From the almost inaudible pianissimo, to a thunderous fortissimo, the pitch is true and unwavering. Tone response is very delicate, assuring a crisp, sensitive technique.

The location of every head tone can be foretold by position of the floor pedal which acts as an automatic pitch index. Movement of tuning pedal is velvety smooth and instantaneously responsive!

Floor pedal enables player to stand or sit in convenient playing position without lifting feet or legs.

Kettles are seamless, one piece drawn copper, hand buffed and polished for glittering beauty.

Heads are personally selected and mounted by Wm. F. Ludwig, and each set is thoroughly tested before delivery.

**No. 890 — 25” and 28” Symphony Model Pedal Tympani, Hand Polished and Buffed, per pair**

Federal Excise Tax, extra

Includes one pair sticks and fiber head protectors. Write for prices on special sizes 23’ to 35’.

**CONSTRUCTED WITH SUSPENDED, DRESDEN STYLE, PARABOLIC POLISHED COPPER KETTLES!**
WORLD'S FASTEST SET-UP!
It's so simple everyone can understand it! All you do is pull pin and lift kettle off base—not necessary to loosen head tension!
Head tension remains constant when kettle and stand are disconnected, and is automatically compensated by stored energy at base of kettle. One second knock-down or set-up!

ROLLER CASTERS ARE STANDARD
All Concert Grand models are supplied with roller casters without any additional charge. Roller casters facilitate moving about on stage or studio.

NEW ACCELERATED PEDAL!
World's fastest set-up and knock-down portable pedal-tuned tympani! Polished parabolic copper Kettles. Roller casters included!

Floor Pedal and Polished Parabolic Copper Kettles!
The Concert Grand is the most popular of all pedal tympani in its price range. Tuning pedal is placed on the floor for fast, convenient operation and is incredibly sensitive to your touch. Simply press toe or heel for instant, smooth, and noiseless action throughout the entire range.
There is no clutch to unlock for change of pitch. Rock foot forward or backward and pedal responds instantly, and remains in place whenever foot is removed. One-piece, seamless parabolic kettles.

*No. 885—25" and 28" Polished Kettles, Per pair
Federal excise tax, extra

*No. 881—25" and 28" Light Weight kettles, satin finish, per pair
Federal excise tax, extra

ORGANIZATIONS USE WFL TYMPANI!
The New PRESTO Pedal Tympani!

Each Instrument Weighs but 33 lbs.

The Portable Model

The new PRESTO model pedal tympani is the latest design of pedal tuned tympani manufactured expressly for the school field. Designed and patented by Wm. F. Ludwig, this is the finest most completely portable model of tympani ever presented. Range is full standard range of higher price model plus the extra depth of tone and resonance provided by the new parabolic kettles.

Kettles are constructed from heavy gauge, lightweight metal strongly reinforced by a very heavy steel reinforcement ring double flanged. Tuning mechanism is enclosed in the kettle for protection and convenience of tuning. Pedal attaches directly to the base of the kettle thereby removing the necessity for a cumbersome stand. There is nothing to take apart for transport!

Legs telescope directly into kettle for transport! 30 seconds to pack and unpack the handy PRESTO pedal tympani. All metal parts are heavily plated and highly polished. Fibre head protectors and one pair tympani sticks are included.

NOTE: Public tax-supported schools are tax exempt. Send for form for tax exemption.

*No. 892 PRESTO Model Pedal Tympani, 25” and 28” diameter, sticks and head protectors included, per pair

Fed. excise tax extra, $21.00

STREAMLINED MODERN DESIGN OF THE PRESTO

Strong, heavy steel flesh hoop enclosed in the steel counterhoop which is in turn raised and lowered by the foot action assures you of even, uniform head tension throughout the ample range of these kettle drums.

There are no protruding, unsightly parts to break or get in the way. Streamlined design has safely concealed all moving mechanism. The PRESTO model is the only 30 second set-up tympani in the world!

Constructed of heavy three-ply laminated wood covered with top-grade fibre with strong metal corners and locks.

Concert Grand trunk shown. Symphony trunk has side door with steel railing for sliding in and out and felt-covered blocks to hold tympani securely in place.

No. 891—25” & 28” Symphony
Trunks, pt., net....................

No. 889—25” & 28” Concert
Grand, pt., net....................

No. 893—25” & 28” Presto Fibre
Cases, pt., net....................

TYMPANI COVERS

Fleece lined tympani covers keep out dust and dirt and protect heads. Doubly sewn seams of great strength and completely hand tailored.

Prevents others from tampering with tension screw adjustment when idle — well worth the investment!

No. 895—25” & 28” Tympani Covers, pair....................

No. 896—25” & 28” Full drop covers, per pair....................
New W.F.L. Tympani Tuning Gauge Makes Tuning Easy!

Wm. F. Ludwig proudly presents the first practical tuning gauge ever presented to the drum world! It is a marvel of simplicity yet accurately indicates the pitch on every note.

The gauge can be mounted on any standard type of tympani easily and quickly. Instructions for mounting are supplied with the gauges. They can also be ordered with W.F.L. tympani and installed at the factory at time of shipping.

Here is a sensational new tympani development acclaimed by many as the greatest step forward in years!

It is a guide in rapid and accurate tuning and registers the slightest movement of the foot pedal.

It reduces the time consumed in changing pitch and eliminates the annoying, disturbing habit of tapping the drum with the sticks during a performance.

With this indicator you tune visually by setting the gauge before the performance and depending on it for that program.

The use of a tuning gauge facilitates greater efficiency and makes tuning easy. The gauge operates silently and shows visually the pitch providing it has been correctly pre-set. It is best to come up to each tone particularly when descending the scale i.e. go below desired note and come up to it—rather than down to it; this sets the head firmly without pressing the head.

Sizes of Tympani Used in Modern Organizations

A set of three tympani is now the rule in most bands and orchestras—25", 28" and 30". Occasionally a fourth drum may be used and this should be 24" in diameter. Symphony orchestras often use a 32" size instead of the 30". Sometimes a 35" size is used for extremely low notes.

The use of a gauge is of special value when more than two drums are used as it is difficult to remember the pitch on three or four drums and still watch the conductor, read the part, and count rests. The gauge is an essential aid in the performance of rapid tuning found in modern compositions. It helps take the guess out of tuning!

While modern pedal tympani have a range of a sixth or over it is nevertheless a known fact that the notes in the middle of the compass on any drum are the best in quality. This influences tympanists of the Symphony Orchestras, who strive for best tone quality, to use four or five tympani of various sizes to insure good intonation on the extreme high and low tones.

No. 899—Tympani Tuning Gauge, per set.

WFL Drum Co., 1728 N. Damen Ave., Chicago
W.F.L. MATCHED DRUM STICKS

SNARE DRUM STICKS

No. 300—s3S J. Burns Moore model
No. 301—s1S Drum Corps model
No. 302—s2S Drum Corps model
No. 303—s1B Band model
No. 304—s2B Band model
No. 305—s3B Band model

No. 318—Buddy Rich model
No. 306—s1A Ernie Rudisill model
No. 316—s2A Orchestral model
No. 307—s3A Barrett Deems model
No. 310—s3A Ray Bauduc model
No. 311—s7A Roy Haynes model
No. 312—s5A Orchestral model
No. 308—s10A George Wettling model

BLUE END STICKS
Ends beautifully colored on these select sticks. Choice of any models.

BASS DRUM STICKS
No. 320—Double end, lamb's wool ball, each
No. 321—Single end, lamb's wool ball, each
No. 321S—Single end, lamb's wool ball, thong, each
No. 322—Double end, felt balls, each
No. 323—Single end, felt ball, each
No. 323S—Single end, felt ball, thong, each

SCOTCH BASS & TENOR STICKS
W.F.L. Scotch Bass and Tenor Drum Sticks are preferred by the majority of corps because they are scientifically balanced for fast twirling.

No. 330—Scotch bass sticks, lamb's wool balls, per pair
No. 331—Scotch bass sticks, felt balls, per pair
No. 332—Tenor drum sticks, lamb's wool balls, per pair
No. 333—Tenor drum sticks, felt balls, per pair

TYMPANI & MARIMBA STICKS
No. 324—Standard piano felt balls, per pair
No. 325—Standard sticks, felt balls, per pair
No. 341—Metzenger model, removable
No. 341B—Balls only, threaded, per pair
No. 342—Schwarz model, removable discs
No. 342B—Discs only, threaded, per pair
No. 327—Rubber marimba mallets, specify soft, medium or hard, per pair
No. 328—Yarn marimba mallets, specify small, medium or large, per pair
TRIPLE-CHROME BATONS

NEW-L L WIND

EXCLUSIVE
"SUPERLOCK"
(Patent Pending)

Flint is grooved
and rubber ball molded
with external ring to fit
shaft. This unique and
exclusive arrangement
prevents shaft from
punching through ball.
Interchanging balls is
quick and easy.

No. H-28 — Whirl-Wind Plain Shaft Baton — 24” - 30”
No. H-28 — Whirl-Wind Plain Shaft Baton — 24” - 30”
No. H-28 — Whirl-Wind Plain Shaft Baton — 24” - 30”
No. H-28 — Whirl-Wind Plain Shaft Baton — 24” - 30”

No. 118W

THE BATONS OF CHAMPIONS!

No. 113 — Brilliant Baton in Sparkling Pearl — 24” - 30”

No. B-22 — 22” Length
No. B-24 — 24” Length
No. B-26 — 26” Length
No. B-28 — 28” Length
No. B-30 — 30” Length

PRESTO SET
Separate white rubber ball and tip.
No. 119

SIGNAL BATON
Regulation weight of 19 oz.
and length of 44½”, standard colors are blue shaft
with gold cord and tassel. Other colors 25% additional.
No. 118 — Blue shaft, gold cord
No. 118W — Metal drum major whistle

FLASn CHROME models
W.F.L. BRILLIANT
Exclusive W.F.L. process of wrapping
glittering flash pearl over steel shaft
provides a twirling baton which
reflects light in a sunburst of radiance.
Practically undetectable...never too
cold or hot to handle...perfectly
balanced with tough, solid white
molded rubber ball in new “tear-
drop” design.
Made in two lengths—30” and 38”
¾” diameter shaft...weight
15 oz. Specify length.
No. B-22 — 22” Length
No. B-24 — 24” Length
No. B-26 — 26” Length
No. B-28 — 28” Length
No. B-30 — 30” Length

WHIRL-WIND HAMMERED BATONS
Sturdy steel shaft, triple chrome plated
with new white rubber molded “tear-
drop” design ball. Patent exclusive
“Superlock” prevents shaft from
punching through ball and makes
interchanging easy. Ends are machine
hammered to reflect the maximum
light rays. Weight 15 oz. and diam-
er of shaft...¾” inch.

No. H-22 — 22” Length
No. H-24 — 24” Length
No. H-26 — 26” Length
No. H-28 — 28” Length
No. H-30 — 30” Length

WHIRL-WIND PLAIN SHAFT BATONS
This is the finest low-priced baton on
the market. Triple chrome shaft per-
fectedly balanced and weighted for fast
swirling. “Tear-drop” molded white
rubber ball with exclusive “Super-
lock” head preserves life of ball. The
finest on the market! Weight: 15 oz.
Diameter of shaft...¾”

No. B-22 — 22” Length
No. B-24 — 24” Length
No. B-26 — 26” Length
No. B-28 — 28” Length
No. B-30 — 30” Length

BATON COVERS

No. 18 — Plastic cover to fit 24” and 26” batons, each
No. 18A — Plastic cover to fit 28” and 30” batons, each
No. 19 — Zipper mackintosh cover to fit 24” and 26” batons, each
No. 19A — Zipper mackintosh cover to fit 28” and 30” batons, each

WFL...
Sensation of the Drum World

WFL’s New Speed King Pedal

Twin Springs—Twin Ball Bearings

The Speed King Pedal is used by more professionals than ever before! Roller ball bearings are completely concealed and packed in lubricating grease. Action is smooth and power unlimited! “Feather-touch” action assures plenty of SPEED, POWER, and DURABILITY! It’s America’s leading drum pedal!

Arched Rocker Shaft
New arched rocker shaft provides maximum foot clearance. Wide, strong connection arm.

Choice of Beater Balls
Your choice of beater balls—wood, felt, or lamb’s wool. Specify.

Fast Wing Nut Adjustment
Large, easy-to-grasp wing nut placed on side for maximum foot clearance.

Exclusive Compression Action
Springs are made to be compressed—not stretched...with each stroke action becomes faster, smoother and long-life is assured! This is the ONLY compression spring action on the market!

New Connecting Link
Heavy-duty extra wide connecting link built to withstand the heaviest foot pressure!

Double Post Stand
New, sturdy double post stand houses internal compression mechanism and concealed roller ball bearings. No external springs to rub against foot. Maximum foot clearance between posts.

Exclusive Patented Reversible Heel Plate
Choice of two positions—directly on floor or as part of footboard. Easy, fast, finger-tip adjustment. (See circle view enlargement).

World’s Finest!

Copyright 1950, WFL Drum Co., Chicago

Number 201
Supported with felt beater ball unless otherwise specified

Laboratory Tested and Approved for Maximum Durability!

WFL DRUM CO. 1728 N. Damen Avenue, Chicago 47, Ill.
SENSATIONAL NEW SPEED PEDALS

New REVERSIBLE Drum Pedal

Here is the newest drum pedal on the market, exclusively designed by WM. F. LUDWIG for the traveling drummer!

It's TWO pedals in ONE! Can strike in conventional manner or upwards against bottom head as shown in the illustration! Just hook pedal connecting link to rocker arm and place beater rod in place and PRESTO . . . you have either action with the same pedal!

Twin springs afford effortless and lightening-like action and rocker arm swings freely . . . no stops to halt free-wheeling action!

Can be used either with the W.F.L. "Compacto" bass drum or with your tom tom. To be used in reversed or up-swing position, it is necessary to purchase reversible pedal bar shown in circle illustration.

No. 255—Reversible Swing Pedal for the "travel" drummer, only...

No. 258—Pedal bar for Reversible Pedal, shown in circle...

THE SPEEDMASTER DRUM PEDAL

The twin spring Speedmaster drum pedal is a favorite in the low-priced field. Double springs provide double action and positive, balanced control. Easy-reach adjustment screws adjust to fit your taste.

Rugged construction plus speedy action make the Speedmaster tops in the field!

No. 252—Speedmaster Twin Spring Pedal ..................................................

SP-1284

New "Bop" Pedal Beater Ball
An entirely new type of construction. Calf skin batter head is tucked over felt covered cork beater ball. Produces true "Be-Bop" sound and is easy on the head! Perfect balance for speedy "Bop" tempos.

No. SP-1284—"Be-Bop" Pedal Beater Ball ............................................

No. SP-1285 — Lamb's wool pedal beater and rod...........
No. SP-1286 — Felt pedal beater and rod...........
No. SP-1287 — Wood beater ball and rod...........

WFL DRUM CO., 1728 N. DAMEN AVE., CHICAGO

25
**Cymbal and Tom Tom Holders**

**Hoop Cymbal Holders**
These adjustable hoop mount standard cymbal holders are available in three sizes. Clamp firmly on bass drum hoop. Triple plating and highly polished.

- No. 1373—14” Height ............
- No. 1374—16” Height ............
- No. 1375—18” Height ............
  Triple Chrome Plating, add ............

**Shell Mount Cymbal Holders**
New streamlined shell mount cymbal holders preferred by all professionals! Easy to mount on your shell and convenient for travel—preserves bass drum hoops.

- No. 1360—14” Height ............
- No. 1361—16” Height ............
- No. 1362—18” Height ............
  Triple Chrome Plating, add ............

**Floor Cymbal Stand**
The new W.F.L. floor stand cymbal holder is made of heavy tubing in three sections for complete height adjustment. Easy to pack in short length as shown. Professional quality throughout. Triple plating.

- No. 1398—Floor cymbal holder ............
- No. 1399—Floor cymbal holder, chrome ............

**New “Clipper” Shell Mount Tom Tom Holder**
Here’s the tom tom holder all the big time professionals use! Mounts directly on shell of your drum and tom tom. Clip mounting on tom tom allows fast removal and set-up. No obstructions on tom and holder holds against bass drum shell for packing.

No. 778—Clipper Shell Mount Tom Tom Holder ............
  For chrome plating, add ............

**Shell Mount “Clipper” Tom Tom Legs**
The Clip adjustment is fast and easy to operate—just press and adjust to desired height. Flush fitting brackets fit snugly against shell.

No. 5020—Set of three tom tom legs, complete ............
  For chrome plating, add ............

**Heavy Duty Tom Tom Holder**
The No. 45 Heavy Duty Tom Tom Holder, shown at right, is a hoop mount holder with full angle and height adjustment. Bracket screws on shell and ratchets are of sure-grip type of perfectly meshed teeth for maximum strength.

No. 45—Heavy Duty Tom Tom Holder ............
  For chrome plating, add ............

**Ratchet Adjustable Tom Tom Holder**
Here is a hoop mount adjustable tom tom holder at a popular price within the reach of all. It is a hoop mount holder easy to remove or attach with fully meshed ratchets.

No. 775—Ratchet Adjustable Tom Tom Holder ............

**Cymbal Holders**

**Lamb’s Wool Cymbal Holders**
This deluxe lamb’s wool cymbal strap and pad is for the advanced drum and bugle corps and marching band. Finest grade. Sold in pairs complete with straps.

- No. 1365—Wool Cymbal Holder, complete, pair ............
- No. 1366—Leather thongs, only, each ............

**Right:** Leather pad and thong cymbal holder. Will not break cymbals like wood or metal holder.

- No. 1367—Leather pad and thong, complete, per pair ............
- No. 1368—Leather thong only for above, each ............
- No. 1358—Wood handle cymbal holders, per pair ............

**Bass Drum Cymbal Holders**
Holds cymbal securely on bass drum for concert and marching work. Attaches to bass drum hoop.

No. 357—Bass drum cymbal holder ............
A Million Dollars Worth of Talent Plays WFL Drums!

TROY ALABAMA HIGH SCHOOL

THE MUSTANG BAND

McMURRY COLLEGE INDIAN BAND

MENOMONEE FALLS HIGH SCHOOL

DENTON HIGH SCHOOL

ALVIN STOLLER

DICK TALBOT

FRANK HUDEC

GEORGE SLOAN

MORTY NATHAN

ELLIS STUKEY

HUGH ERWIN

TOMMY NOURALGAS
A Million Dollars Worth of Talent Plays WFL Drums!

WILLIE RODRIGUEZ

DAVE BEDELL

JERRY ROTHUS

TOLLIN & WELCH

TONY PAPA

ROBBIN SWINDE

GRADY BARNES

BOB ADAMS

ART LAYFIELD

BOB TILLES

FREDDY BLOOD

BILL GREENE

KENNY WADE

LUDWIG THROM

LENNIE LaVETT

TOMMY FRANK
NEW CYMBALS FOR THE PROGRESSIVE DRUMMER...

AVEDIS ZILDJIAN CYMBALS

Avedis Zildjian cymbals are personally selected by the Ludwigs for your specific use. Prices are the same on all weights and types—please specify. Be-bop bounce is for bounce sticking as well as crash—two cymbals in one. Swish cymbals are regularly supplied with rivets unless specified.

WEIGHTS
- Paper thin
- Thin
- Medium
- Medium for band
- Heavy for band

TYPES
- Standard
- Hi-hat
- Flanged hi-hat (13"-16")
- Ride or bounce (18"-22")
- Swish with rivets

No. 730—10" ........................................
No. 731—11" ........................................
No. 732—12" ........................................
No. 733—13" ........................................
No. 734—14" ........................................
No. 735—15" ........................................
No. 736—16" ........................................
No. 737—17" ........................................
No. 738—18" ........................................
No. 739—19" ........................................
No. 740—20" ........................................
No. 741—21" ........................................
No. 742—22" ........................................

ZILCO CYMBALS

These excellent, popular priced cymbals made by Avedis Zildjian are supplied in weights of thin, medium, and heavy for band. Please specify weight and size desired.

No. 1462—10" ........................................
No. 1463—11" ........................................
No. 1464—12" ........................................
No. 1465—13" ........................................
No. 1466—14" ........................................
No. 1467—15" ........................................
No. 1468—16" ........................................
No. 1469—17" ........................................

NOTE! Specify weights, sizes, and use desired on all cymbal orders. Cymbals may not be returned.

SYMPHONY GONGS

New Symphony Gongs answer the demand of schools and symphony orchestras for fine quality, low pitched gong tone. 28" is recommended for all general use, whether for dance or symphony orchestra. Gong stand equipped with roller wheels and locks.

No. 756—26" Symphony Gong..........
No. 758—28" Symphony Gong..........
No. 760—Gong stand.............

CYMBAL TILTER

The new W.F.L. tilting cymbal tip holds cymbals in any desired position and is fully adjustable. Fits on top of standard cymbal holders.

Slanting cymbals make stick work easier and more comfortable—eliminate unnecessary reaching! Try one today—you'll like it!

No. 1395—Cymbal Tilter..........

WFL DRUM CO., 1728 N. DAMEN AVE., CHICAGO

The new FLANGE HI-HATS
(Patented)

The flanged edges on these new rock cymbals produce an unusual type of sizzling hi-hat tone.

The new SWISH
(Patented)

A startling improvement over the old style Chinese cymbals. Available with and without sizzle rivets.

Drum Corps
and School
Cymbals!

The new TURKIJAN cymbals are the finest value on the market. Fine tone matched by clear resonance, these great turg-type cymbals are very reasonably priced. They are perfectly matched and selected. Obtainable in thin, medium, or heavy weight. Specify use and weight desired when ordering.

No. 1480—10" Turkijan cymbal...
No. 1481—11" Turkijan cymbal...
No. 1482—12" Turkijan cymbal...
No. 1483—13" Turkijan cymbal...
No. 1484—14" Turkijan cymbal...
No. 1485—15" Turkijan cymbal...

WFL LEATHER CYMBAL POUCHES

No. 1385—"Half-Moon" Cymbal Carrying Pouch...
No. 1386—Cymbal Carrying Pouch with Flaps and Buckles...
WFL'S NEW MICROMATIC DRUM STAND

IT'S BRAND NEW IN DESIGN!

The new WFL "Micro-matic" professional drum stand is engineered personally by Wm. F. Ludwig to provide maximum stability and efficiency! Only the highest grade structural STEEL used in construction for great strength and durability. All parts are heavily plated and polished to effectively "weather-seal" metal against deterioration—insuring long life!

Most top professionals prefer the new "MICRO-MATIC" snare drum stand because of its minute, positive angle adjustment. Can be had in nickel or glistening chrome plating.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Finish</th>
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</thead>
<tbody>
<tr>
<td>1355</td>
<td>WFL &quot;Micro-matic&quot; Drum Stand</td>
<td>Nickel</td>
</tr>
<tr>
<td>1355C</td>
<td>WFL &quot;Micro-matic&quot; Drum Stand</td>
<td>Chrome</td>
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<tr>
<td>1356</td>
<td>Regulation Snare Drum Stand</td>
<td>Nickel Only</td>
</tr>
<tr>
<td>1357</td>
<td>Standard Snare Drum Stand</td>
<td>Nickel Only</td>
</tr>
</tbody>
</table>

Cymbal Floor Stand

Another new, re-designed, WFL accessory! All parts are constructed of finest grade heavy steel carefully built to eliminate "wobble!" Today's drummers use modern cymbals in sizes up to 25" diameter and this calls for a stand with sturdy STEEL support braces.

Folds compactly, plated to a beautiful luster!

<table>
<thead>
<tr>
<th>Model</th>
<th>Finish</th>
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<tbody>
<tr>
<td>1398</td>
<td>Nickel Plated</td>
</tr>
<tr>
<td>1399</td>
<td>Chrome Plated</td>
</tr>
</tbody>
</table>

Double Strength Spread Base Construction

Stability depends on support — this detailed enlargement clearly illustrates the durability obtained by connecting steel base platform with upright support brackets. There is no stronger metal than steel!

Formed rubber caps prevent sliding on floor. Exclusive features found on all WFL stands!

Micro-Matic Mesh Grip

Careful machining with strict tolerances produces close fit of teeth to provide most positive lock. Delicate angle adjustments at a touch of the finger! Stress is equalized for minimum wear. The finest gripping device ever produced—and, it's brand NEW!

Steel Support Braces

A tube is no stronger than its support braces and connections. W.F.L. type of construction assures maximum rigidity when you play. Any stand holding the weight of a drum or large size cymbal must be supported with braces to prevent "wobble". W.F.L. stands are "Braced" for enduring strength.

Full Standing Height

WFL "Micro-Matic" snare drum stand comes up to full playing height for standing position. No more stooping to play! It's the only stand providing full height adjustment!
STANDS AND ACCESSORIES

W.F.L. SNARE DRUM STANDS

W.F.L. snare drum stands are precision designed and built to meet the exacting demand of the professional. Fully adjustable and guaranteed to hold firmly. Full height adjustment for playing while standing. Rubber basket type arms to protect your drum!

No. 1356—Regulation Snare Drum Stand
No. 1357—Standard Snare Drum Stand

NEW ADJUSTABLE W.F.L. HI-HAT

Entirely new in MODERN design! Adjustable height from 22" to 36" high! Just a turn of a wing nut and you have complete height adjustment you desire! Holds firmly and will NOT slip! Folds to 22" length for packing. Three second set up or knock-down! The greatest yet! Wide-spread feet prevent tipping! Features new, patented reversible plate!

No. 1120—W.F.L. Adjustable Hi-Hat Sock Pedal (without cymbals).
No. 1121—Hi Hat, Chrome Plated

BASS DRUM MUFFLER

This bass drum muffler is fully adjustable for any desired pressure. Pressure plate is plated and polished to a high luster. Metal parts are heavy with strong hoop clamp.

No. 136—Adjustable bass drum muffler
No. 134—Pressure Muffler

WIRE BRUSHES

W.F.L. wire brushes are designed and manufactured at the factory for the discriminating professional. Weight and balance are ideal. Finest grade plated piano wire with correct, even spread.

No. 190—Rubber handle telescopic brush, ribbed for sure grip, pair...
No. 190A—White smooth rubber handle brush, telescopic, per pair...
No. 191—Plain nickel handle telescopic wire brush, per pair...
No. 191A—Grooved rubber handle, ball end brushes, per pair...

DRUMMERS THRONE

New W.F.L. "Porto-Pak" drummers throne is fully adjustable and can be moved quickly on location. Folds compactly.

No. 1026—"Porto-Pak" throne...

NEW ADJUSTABLE CYMBAL HOLDER

Newly designed to hold cymbals! A new W.F.L. procedure. Slips over any type cymbal holder!

No. 1397—New Adjustable Cymbal Adapter...
ACCESSORIES

No. 475—Shell Mount Leg Rest

No. 476—Rod Mount Leg Rest
LEG RESTS

The leg rest mounted on parade drums makes marching a pleasure. It keeps drum from knocking knees and allows player a natural and even stride.

Patented W.F.L pin-lock keeps leg rest in either closed or open position—just depress pin and adjust leg rest to desired position.

Available in either rod mount or shell mount type. We mount shell mount leg rest free of charge when ordered with new drums.

No. 475—Shell mount.
No. 476—Rod mount.
No. 476—Rod mount. Chrome, add

PRACTICE PAD STAND

Stand for practice pad. Mounted on No. 355 metal pad.

No. 1359—Practice pad stand with attachment

(Does not include pad.)

NEW HEAVY DUTY PAD

Made from solid wood with live gum rubber mounting. Sound chamber for clear resonance. The ideal silent pad!

No. 355W—Wood Pad

ECONOMY PAD

Fine, natural high-grade resilient rubber produces true drum "feel." Available with or without stand.

No. 356—Economy Pad

No. 1358—Stand only

Complete unit, pad and stand

"WAY BEST" All-Metal Practice Pad

The new "Way Best" all-metal practice pad will not chip or warp like regular wood pads. Consists of one-piece cast metal with rounded corners and live gum rubber gives good rebound plus silent tone. The perfect complement for the all-metal practice stick. Rubber covered feet retard "creeping" while playing.

No. 355—"Way Best" All-Metal Practice Pad

CONCERT BASS DRUM STAND

A sturdy, heavy, tubular steel bass drum stand with felt covered cross bars and straps. Secures bass drum while playing. Fully adjustable to any size drum and folds neatly for transport.

No. 790—Tubular steel base drum stand, complete

DRUM SLINGS

Fine grade standard drum slings in either khaki or white—please specify.

No. 350—Web heavy-duty bass drum sling
No. 352—Web snare drum sling


No. 94—8" diameter with solid rim
No. 95—10" diameter with single row of jingles
No. 95A—10" diameter with double row of jingles

CASTANETS: Genuine castanets with composition clappers.

No. 91—Single castanets on handle, each
No. 92—Double castanets on handle as shown

TRIANGLES: W.F.L. Clear Tone triangles are made from finest grade (too-steel) for maximum resonance.

No. 1324—8" Triangle, 1/4" diameter
No. 1332—10" Triangle, 1/4" diameter
Triangle Beater Included
No. 1335—Triangle Holder
SELECT W.F.L. DRUM HEADS

1st QUALITY

SELECT FIRST QUALITY PROFESSIONAL ALL-WHITE CALF BATTER HEADS

Unmounted Mounted on Hoop
No. 600—17” for 13” shell. No. 600M
No. 601—18” for 14” shell. No. 601M
No. 602—19” for 15” shell. No. 602M
No. 603—20” for 16” shell. No. 603M
No. 604—21” for 17” shell. No. 604M
No. 605—22” for 18” shell. No. 605M

1st QUALITY

SELECT FIRST QUALITY 100% CLEAR TRANSPARENT SNARE HEADS

Unmounted Mounted on Hoop
No. 650—17” for 13” shell. No. 650M
No. 651—18” for 14” shell. No. 651M
No. 652—19” for 15” shell. No. 652M
No. 653—20” for 16” shell. No. 653M
No. 654—21” for 17” shell. No. 654M
No. 655—22” for 18” shell. No. 655M

WM. F. LUDWIG PERSONALLY SELECTS W.F.L. HEADS

All W.F.L. drum heads are prepared and selected under the personal supervision of WM. F. Ludwig, who has had over forty years experience in the making of top quality drum heads.

When ordering, specify weight desired, such as thin, medium, medium-heavy, or heavy. Be sure to state number and size of head and drum and use desired. Your selection will receive prompt attention!

SELECT FIRST QUALITY PROFESSIONAL ALL-WHITE BASS DRUM HEADS

Unmounted Mounted on Hoop
No. 618—24” for 20” shell. No. 618M
No. 619—26” for 22” shell. No. 619M
No. 620—28” for 24” shell. No. 620M
No. 621—30” for 26” shell. No. 621M
No. 622—32” for 28” shell. No. 622M
No. 623—34” for 30” shell. No. 623M
No. 624—36” for 32” shell. No. 624M
No. 625—38” for 34” shell. No. 625M
No. 626—40” for 36” shell. No. 626M

PERSONALLY SELECTED EVEN GRADE TYPANAMI HEADS

Unmounted Mounted on Your Hoop
No. 670—30” for 24” tympani. No. 670M
No. 671—31” for 25” tympani. No. 671M
No. 672—32” for 26” tympani. No. 672M
No. 673—33” for 27” tympani. No. 673M
No. 674—34” for 28” tympani. No. 674M
No. 675—35” for 29” tympani. No. 675M
No. 676—36” for 30” tympani. No. 676M

FLESH HOOP AND TUCKING PRICES

No. 680—Wood flesh hoop for snare drum, state batter or snare side.
No. 681—Tucking head on wood snare or batter hoop.
No. 682—Wood flesh hoop for Bass Drum, specify size.
No. 683—Bass drum head tucking on hoop.
No. 684—Tympani flesh hoop, steel, state size.
No. 685—Tympani head tucking on steel flesh hoop.

NOTE: It is best to return your tympani flesh hoop for factory mounting of new head. This guarantees perfect fit on your tympani.

NEW Ray Bauduc CYMBAL CARRIER!

Here's the solution to the problem of carrying those large size cymbals! Holder fits on hoops and holds cymbals firmly in place against bass drum head. Holos any size cymbal up to 26” diameter, depending upon size of your bass drum. Holds up to six cymbals. It's the ideal holder designed by Ray Bauduc! Nickel finish.
No. 1378—Ray Bauduc Cymbal Carrier (without cymbals).

HEAD RETAINER FOR TWO HEADS

Head retainers are essential for carrying spare heads to prevent warping. W.F.L. head retainer preserves collar on heads so that they are ready at all times for instant transfer to your drum. Factory tucked heads last longer!
No. 699—Double head retainer for two heads.
(Does not include heads unless ordered separately)

DEALER MULTIPLE HEAD RETAINER

Designed for the dealer, this fine retainer holds TWELVE heads for instant transfer to drums. Preserves collar of heads and prevents warping. It's a MUST for every dealer to provide instant head changing service to drummers!
No. 689—Head retainer only, to hold dozen heads.
(Does not include heads—specify size)

HEAD TUCKING TOOL

This fine head tucking tool is designed specifically for tucking heads and is same type as used at the factory. Blade is constructed of finest metal and properly shaped to tuck heads around flesh hoops easily and quickly.
No. 688—Head tucking tool as shown.
NEW W.F.L. DRUM CORPS MANUAL
The new W.F.L. Drum Corps Manual was written and compiled by Wm. F. Ludwig Jr. and Wm. F. Ludwig Jr., who have written more drum material than any other writers in the field! It tells you when, how, and why everything pertains to drum corps from elementary instruction to advanced drill and real musical arrangements for full corps instrumentation. 64 pages of drum and bugle corps instruction.
No. 1070—W.F.L. Drum Corps Manual $1.00

ART OF DRUMMING
by J. Burns Moore
Contains complete study of the seventy-two exercises and 1800 developments in lesson form. Also contains many standard military drum solos such as "Old Dan Tucker," "The General," "Connecticut Hot Time," etc.
No. 1065—Art of Drumming by J. Burns Moore $2.00

HAS KELL W. HARR DRUM METHODS
Haskell W. Harr is the specialist in the field of material for school percussion contests. His two instructional methods are recognized throughout our school system as practical and valuable. They are complete with explanations and exercises.
No. 1009—Book No. 1 by Haskell W. Harr $1.00
No. 1008—Book No. 2 by Haskell W. Harr $1.00

CHAMPION DRUM AND BUGLE FOLIO NO. 1
Written and compiled by Don Mcgee and Keith F. Lacey, this folio consists of complete conductor's score and 25 individual parts in octavo size—there is a folio for each musical station. Scored for free-valve piston bugles.
No. 1075—McGee Champion Drum and Bugle Folio No. 1, 25 individual books with conductor's score as shown, comp. $12.00

HAS KELL W. HARR METHOD FOR TYPHANI
A modern, new tympani instruction method by Haskell W. Harr—just off the press! Contains exercises in tuning, technique, and excellent solo material. Ideal for the student.
No. 1088—Harr Tympani Method

BATON TWIRLING
Here is the latest and most complete book on baton twirling ever published. Over 175 illustrations graded from simple tricks to the advanced stunts of the professional. "Batton Twirling" is an encyclopaedia of baton tricks covering nearly every possible style used today by expert twirlers. Wherever required, the "overcall" of each movement is shown in detail.
A thousand variations of the fundamentals pictured and taught.
No. 1000—Batton Twirling, Instruction Method by Motor Wm. Booth and Ray Gaede $1.00

SWING DRUMMING
Swing Drumming is the result of six years' work and study in accumulating material by Wm. F. Ludwig Jr. Contains 30,000 words, 198 photos, 332 rhythm beats and solos... 74 Latin-American rhythms... 96 packed pages of instruction on dance drumming.
Nothing is left to guesswork—every beat and rhythm exercise is explained in detail with accompanying illustrations! It's the most complete book on the subject EVER written.
No. 1050—Swing Drumming by Wm. F. Ludwig Jr. $1.50

WM. F. LUDWIG COLLECTION OF DRUM SOLOS
Contains 45 standard and original drum solos... 16 crotale duets, trio, quartet, and quintet... 11 standard and original march beats... 25 standard N.A.R.D. rudiments! An outstanding book of solos and drum ensembles assembled by Wm. F. Ludwig and based on the N.A.R.D. rudiments. There are sixty-five percussion numbers in all.
No. 1010—Wm. F. Ludwig Solo Collection $1.00

WM. F. LUDWIG DRUM INSTRUCTOR
This is the most complete instruction book covering all phases of drumming ever written. All material was compiled and assembled by drum-famous Wm. F. Ludwig over a period of 40 years! It's complete and includes sections on rudiments, snare drumming, concert drumming, parade drumming, tympani technique, bass drum, cymbals, tambourine, and accessories of the percussion section. Also an informative section on the care of percussion instruments, including care of tympani.
This monumental work is today established as the standard of the drum world and guaranteed to improve your technique.
No. 1060—Wm. F. Ludwig Drum Instructor $1.50
MACKINTOSH COVERS

Protect your drums from dust, moisture, and rough handling with W.F.L. super-quality waterproof drum covers! Extra strong, yet amazingly light.

All W.F.L. covers are equipped with either snap buttons or slide fasteners for effortless opening and closing. A smart-looking drum cover is an asset to the drummer proud of his instrument. Replace your old covers now! Give your instruments the protection they need!

Many drummers including professionals use mackintosh covers inside fibre cases for added protection.

Snare Drum Covers

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Parade Drum Covers

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Bass Drum Covers

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RAIN COVERS

No. 69—For Head Only
No. 69A—Full Length
No. 598—10" x 26"
No. 599—14" x 26"
No. 59A will fit 14", 15", 16", and 17" sizes.

FIBRE DRUM CASES

Protect your drums with W.F.L. heavy duty fibre cases. Prevents nicking, scratching and damaging of your equipment.

TRAP TRAY CASE

The “Trap-Tray” model illustrated is the most widely used of all carry-all trap cases! Plenty roomy and provides maximum protection for your snare drum and traps!

*No. 8020—Trap Tray case

NEW HOLD-ALL TRAP CASE

Exclusively designed by W.F.L. to hold all traps and large size cymbals up to and including 22" diameter! It’s the first case ever designed to hold large cymbals! Note cymbal compartment covering full area of case and extra deep tray.

*No. 8021—New Hold-All Trap Case

SUIT CASE MODEL

Sturdy suitcase model trap case with tray for all accessories. Holds up to 18" diameter cymbals. Heavy fibre reinforced with plywood and protected corners. Adjustable partition holds any size snare drum.

*No. 7840—Suit case model

ROUND SNARE CASE

Telescopic round case with flat bottom for snare drums. Sturdy construction.

*No. 7150—Round snare case, 14” dia.
*No. 7151—Round snare case, 15” dia.

Parade Drum Cases

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<td>6470</td>
<td>10” x 14” Parade Drum Case</td>
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<td>6571</td>
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<td>6671</td>
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<td>6873</td>
<td>12” x 17” Tenor Drum Case</td>
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Tom Tom Cases

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<td>9” x 13” Tom Tom Case</td>
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Bass Drum Cases

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<td>8682</td>
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<td>14” x 30” Bass Drum Case</td>
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<td>8686</td>
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No. 8799—Special 28” x 23” dia. case for Compacto drum outfit, round, telescopic.
### Drum Tension Casings

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<tr>
<td>No. P-97</td>
<td>&quot;Twin&quot; weighted die-cast self-aligning casing, each</td>
<td>$0.90</td>
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<tr>
<td>No. P-95A</td>
<td>&quot;Spring&quot; for &quot;Twin&quot; lag, die-cast lag, each</td>
<td>$0.03</td>
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<tr>
<td>No. P-95B</td>
<td>Brass swivel nut for &quot;Twin&quot; lag, each</td>
<td>$0.20</td>
</tr>
<tr>
<td>No. P-95C</td>
<td>Large CLASSIC lag for brass drums and tenor sets, each</td>
<td>$0.50</td>
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<tr>
<td>No. P-95D</td>
<td>&quot;Spring&quot; for large Classic lag, each</td>
<td>$0.03</td>
</tr>
<tr>
<td>No. P-95E</td>
<td>Brass swivel nut for large Classic lag, each</td>
<td>$0.20</td>
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<tr>
<td>No. P-97A</td>
<td>&quot;Small&quot; CLASSIC die-cast self-aligning tension casing, each</td>
<td>$0.80</td>
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<tr>
<td>No. P-97B</td>
<td>&quot;Spring&quot; for small Classic lag, each</td>
<td>$0.03</td>
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<tr>
<td>No. P-99A</td>
<td>Self-aligning tension die-cast casing, each</td>
<td>$0.80</td>
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<tr>
<td>No. P-99B</td>
<td>Self-aligning tension die-cast casing, each</td>
<td>$0.20</td>
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<tr>
<td>No. P-99C</td>
<td>&quot;Spring&quot; for P-90 casing, each</td>
<td>$0.80</td>
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<tr>
<td>No. P-99D</td>
<td>&quot;Tension&quot; casing, non self-aligning, sep. ten. metal, each</td>
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<tr>
<td>No. P-99E</td>
<td>&quot;Tension&quot; casing, non self-aligning, sep. ten. wood shield, each</td>
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<tr>
<td>No. P-99F</td>
<td>&quot;Tension&quot; casing, non self-aligning, sep. ten. metal shield, each</td>
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### Snare Strainers

<table>
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<tr>
<td>No. P-87</td>
<td>Classic streamlined snare strainer, complete, each</td>
<td>$2.50</td>
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<td>No. P-87A</td>
<td>Cheese adjustment nut, Classic strainer and tone control, each</td>
<td>$1.25</td>
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<tr>
<td>No. P-87B</td>
<td>Throw-off lever for Classic strainer, each</td>
<td>$1.50</td>
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<tr>
<td>No. P-88</td>
<td>Classic snare butt, extension, complete, each</td>
<td>$3.50</td>
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<tr>
<td>No. P-89</td>
<td>Military parade drum strainer, complete</td>
<td>$3.50</td>
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<tr>
<td>No. P-82</td>
<td>Concert throw-off snare strainer, complete</td>
<td>$3.50</td>
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<tr>
<td>No. P-86</td>
<td>Concert snare butt, 10 holes, each</td>
<td>$1.00</td>
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### Drum Snarez

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<tr>
<td>No. P-10A</td>
<td>Colored snare-wire snare, 20 strand for standard drums, plastic snare plates, light weight for dance &amp; concert, each</td>
<td>$1.50</td>
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<tr>
<td>No. P-10B</td>
<td>Colored snare-wire snare, 18 strand for Classic snare drum, plastic snare plates, light weight for dance &amp; concert, each</td>
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<tr>
<td>No. P-10C</td>
<td>Colored snare-wire snare, 18 strand for heavy weight Classic snare drum, specify 14&quot; or 15&quot; length, with cords, each</td>
<td>$2.50</td>
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<td>No. P-10D</td>
<td>Colored snare-wire snare, 12 strand for heavy weight Classic snare drum, specify 14&quot; or 15&quot; length, with cords, each</td>
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<tr>
<td>No. P-10E</td>
<td>&quot;Spring&quot; for no. 100A</td>
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<td>No. P-10F</td>
<td>&quot;Tension&quot; casing, non self-aligning, sep. ten. metal, each</td>
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<td>&quot;Tension&quot; casing, non self-aligning, sep. ten. wood shield, each</td>
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<td>No. P-10H</td>
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### Washers and Miscellaneous Parts

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<td>&quot;Felt&quot; washer for hi-hat pedal and cymbal holders, each</td>
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<td>Metal washer for cymbal holders, each</td>
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<td>Rubber cymbal holder tip, each</td>
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<td>Rubber bumper for base of drum stand, cym. stand, etc, each</td>
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<td>No. P-114</td>
<td>Center stud assembly, each</td>
<td>$0.40</td>
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<td>No. P-13A</td>
<td>Plain washer for center stud assembly, each</td>
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<tr>
<td>No. P-45B</td>
<td>Plain washer for collar screw rods and bass drum rods, each</td>
<td>$0.05</td>
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<td>No. P-26</td>
<td>Brass hand drum rod, specify length from shoulder to end of threads, nickel</td>
<td>$0.75</td>
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<tr>
<td>No. P-32B</td>
<td>Double clamp hook, extra long shoulder for Classic bass drums, plain, no threads, nickel</td>
<td>$0.50</td>
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### Washers and Miscellaneous Parts

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**WFL's Line of**

**Bugle Mouthpieces**
- No. 504M — Regular soprano mouthpiece
- No. 506M — Deluxe cushion-rim mouthpiece
- No. 514M — Baritone mouthpiece

**SPECIFICATIONS**
- No. 500 — Brass Finished, Highly Polished
- No. 501 — Chromium Finish, Chrome Bell
- No. 501GB — Chromium Finish, Gold Bell

**Soprano Piston Bugles**
Length 21 inches, Weight 28 ounces, Bell Dia. 3”
The finest piston bugles ever made. Designed by Wm. F. Ludwig and used by leading corps from coast to coast. Built in key of G with valve change to D and slide to F. Soprano carries the melody. Dent-resistant heavy-gauge brass provides most brilliant tone and offers maximum protection to the instrument.

**Tenor Piston Bugles**
Length 23 inches, Weight 29 ounces, Bell Dia. 6”
These W.F.L. Tenor piston models like the soprano and baritone are constructed from heavy gauge brass with conical tapered bore flaring gracefully and evenly out to the full-sized bell. Same range and pitch of soprano model but more mellow tone due to larger bell. Tenor plays harmony parts. Thick-walled brass tubing resists denting.

**Baritone Piston Bugles**
Length 24 inches, Weight 44 ounces, Bell Dia. 7”
The baritone is commonly referred to as the bass bugle of the bugle section. W.F.L. bugles have the rolled bell which protects bell from dents and increases resonance. Baritone plays bass parts and melody or solo parts. Proper ratio is: 8 sopranos, 4 tenors, and 4 baritones.

**New W.F.L. French Horn Bugles**
Length 25”
Weight 48 ounces
Bell dia. 8”
The popular W.F.L. French Horn bugle with new large-size bell is available again! Equipped with smooth-operating valve change from G to D. Streamlined design and easy to carry and handle on the march. The smart, new W.F.L. French Horn model increases range and tonal depth of your bugle section! Equipped with finger hook.

**SPECIFICATIONS**
- No. 520 — Brass Finish, Highly Polished
- No. 521 — Chromium Plated, Chrome Bell
- No. 521GB — Chromium Finish, Gold Bell

NOTE: Lacquer on bugles to order. Please specify Extra.

**Regulation G Bugle**
Length 17½ inches
This bugle is built to exact United States Army specifications. It has a larger-than-usual bell for extra resonance. Only first quality brass is used. Well proportioned and easy to blow. Built in key of G with slide to F.

**Snappin' Drum and Bugle Cord**
Bugle cords add snap and appeal to your bugle section. These expertly braided cords are woven of finest material. Available in gold or red color only.
- No. 517 — Snappin' Drum and Bugle Cord

**Extra-Large Bell!**

![Bugle Cases Image]

Protect your instruments from dents, nicks, and scratches with these fine quality bugle cases. Hard plywood shell trimmed in black leatherette with gold burnished snap locks and plastic handle. Interior of case lined with beautiful scarlet crushed plush lining carefully padded to prevent movement during transport. You owe it to your instrument to give it the best protection possible!

- No. 504B — Soprano bugle case
- No. 506B — Tenor bugle case
- No. 514B — Baritone Bugle case


QUALITY PISTON BUGLES

STREAMLINED FOR EASY BLOWING

BALANCED GRIP . . . CONVENIENT VALVE CONTROL

PRECISION BUILT VALVES FOR CLEAR TONE

Equipped with finger hook

WFL DRUM CO., 1728 N. DAMEN AVE., CHICAGO
SPARKLING PEARL FINISHES

Flash and showmanship are keynotes to success in drumming and W.F.L. supplies seven different shades to choose from! Pearl finishes are hard, smooth, flashy, and a well nigh indestructible protective covering which will not scratch, chip, or check during many years of use. The slight extra cost of pearl finishes can easily be amortized over a period of many years of extra service.

Pearl drums remain new and brilliant-appearing and afford eye-catching beauty which is irresistible.

Most popular of all pearl finishes is marine pearl, while schools and drum corps prefer the flashy sparkling pearl finishes to match organization colors.

Color contrasts are highly recommended and the possibilities of color combinations are endless. Add sparkle and glitter to your drum section by ordering your drums finished in one of the superior W.F.L. flash pearl finishes!

Send for FREE samples of W.F.L. flash pearl finishes.

DEALERS! Order the new "Dealer Display" parade drum finished in all seven pearl finishes and two types of hardware — it's 14 drums in one!