



SEE PAGE TWO

LUDWIG DRUMS

MALLET PLAYED INSTRUMENTS
DRUM CORPS EQUIPMENT
AND ACCESSORIES



THE LUDWIG

EVERY Professional Instrument made by Ludwig & Ludwig bears the Ludwig Guarantee Booklet which certifies that the instrument to which it is attached "is constructed of the finest materials obtainable, and to be as nearly perfect in workmanship, tone, tune and ease of playing as it is possible at this time to make a similar musical instrument of its class." It also assures the purchaser that his instrument will give him long satisfactory wear and service with ordinary care under normal conditions.

The Guarantee is not valid until the postcard in the back of the Guarantee Booklet is properly filled in and mailed to the Registry Division, Ludwig & Ludwig, 1611-27 North Lincoln Street, Chicago, Illinois. This card, when returned to our offices, not only validates the Ludwig Guarantee but serves as a permanent record of the instrument, its catalog number, its finish and its date of purchase as well, and enables us to send you the latest information, help and suggestions on the instrument itself, its uses and the playing of it from time to time. Mailing this postcard requires no postage, and the informative literature which we send you is mailed free, postpaid and without obligation on your part. This is only one of the many services that Ludwig & Ludwig renders to the thousands of drummers using Ludwig equipment in every part of the world.

Look for the Ludwig Guarantee Booklet on the next Ludwig instrument that you purchase, and be sure to mail the Guarantee Card which is attached to its cover.



The Ludwig Guarantee Booklet is attached to all Ludwig Tom-toms, to all Professional Snare Drums, Bass Drums and Drum Outfits, to Bells, Chimes, Fibra-Celestes, Xylophones and Marimbas. It is not attached to instruments intended for Junior or Juvenile use.

GUARANTEE

We guarantee that Ludwig drum heads are made of the finest quality calfskin obtainable, and that they are expertly processed by skilled workmen but it is impossible to guarantee drum heads against breakage. Each head is carefully selected and inspected before it is shipped. Examine it carefully before using. If it is unsatisfactory in any way, return it stating your objection, and if we are unable to select another head to suit you we will refund your money. However, we cannot guarantee or replace a head after it has been wet or subjected to usage. Look for the Ludwig trade-mark before purchasing a drum head—it is your guarantee of Ludwig quality and satisfaction.

Goods of foreign manufacture—imported cymbals, Chinese Tom Toms, Chinese Wood Blocks and Chinese Temple Blocks—cannot be guaranteed to withstand even normal usage under our atmospheric conditions because of the Oriental workmanship and materials used. We do, however, make the most careful selections possible to assure our customers of the greatest possible satisfaction and service in these items. Because of our large purchases, we are permitted to select the finest merchandise of the best importations for our customers. Look for the Ludwig trade-mark on these items—it is your guarantee that they are the finest obtainable in materials, workmanship and tone. Insist on purchasing the genuine Ludwig importations. They are not bona-fide Ludwig importations unless the Ludwig name is plainly evident in a prominent place.

THE LUDWIG POLICY AND SERVICE

LUDWIG Drums and Accessories (and Banjos) are recognized by exacting professional Drummers of Symphony, Theatre, Stage, Radio, and Recording Orchestras, Bands, and Drum Corps as the "Drum Standard of the World." Made in the world's largest and most modern plant of its kind in existence, you are assured of the finest quality merchandise that skilled workmen, the best materials, and specially designed machinery can produce.

Our Research Staff, headed by Mr. Wm. F. Ludwig himself, is responsible for most of the major developments and improvements now standard on Drums and equipment as shown in this catalog. It is the Staff's constant aim to serve the Drummer with the best and most practical instruments possible.

Drum Corps Headquarters, a special department within the company, is devoted exclusively to the promotion and development of Drum Corps interests among all kinds of organizations. All technical and special problems may be submitted to this department for solution without charge or obligation. A special booklet, known as the Ludwig "Here They Come" booklet, has been prepared which contains practical ideas for the formation of Drum Corps. This booklet will be mailed free to anyone interested in forming a Drum Corps.

The Service Department, composed of experienced men, will serve you gladly in questions on service, repairs, adjustments, and use of Ludwig Drums and equipment.

The leading Musical Instrument Dealer in each locality sells Ludwig Drums and equipment, and is always at your service. If you do not know who your local dealer is, we will

supply his name on request. If there is no Ludwig Dealer in your community we will supply the name of the Ludwig Dealer nearest your home.

In ordering state how goods are to be shipped, and add an amount sufficient to cover shipping charges. Make your order as plain as possible, giving the catalog number, description, sizes, and finishes, and other information that will enable us to serve you most satisfactorily.

All prices are F. O. B. shipping point and are subject to change without notice.

Telegram Orders must be sent prepaid, and are executed at the sender's risk. We suggest that you confirm them by letter.

Remittances are safest when made by Money Order. Please do not remit currency. Stamps will be accepted for amounts less than one dollar. All retail orders must be accompanied with not less than 10% of the value, balance C. O. D. unless special terms have been made.

Return Goods. Merchandise ordered from us which is found not satisfactory may be returned for credit providing you receive our written instructions first. Returned merchandise must be sent prepaid. Write us fully as to the reason for returning and mark packages plainly.

Our Cable Address is "LUDRUM CHICAGO."

Our Policy is to serve the Drummer faithfully, to be ever watchful for his interests, to help him in his problems, to make his work easier, and to champion his cause. It is our pleasure to serve you in every way.

LUDWIG

DRUMS

AND
ACCESSORIES





25 Years of Drum Progress

LUDWIG SILVER ANNIVERSARY

A MUSICAL comedy, *The Follies of 1906*, was responsible for the beginning of Ludwig & Ludwig. When the *Follies* opened at the Auditorium Theatre, in Chicago, it was evident that the old-fashioned awing foot pedal was not capable of maintaining the pronounced drum rhythm demanded by the director, Morris Levi, for the newly developed form of ragtime which had come into vogue. A new type pedal had to be devised to satisfy this director's exacting demands for syncopation and volume.

William F. Ludwig, then one of Chicago's most prominent professional drummers, began experimenting with designs for a new pedal. Crude wood models were made with an elevated shaft, and from these was developed the original Ludwig pedal with the proper stroke for modern music.

Local drummers displayed such an interest in this new pedal that Mr. Ludwig decided to open a drum shop for the manufacture of the pedal and other accessories to conform to the changing music trend.

In 1910, William F. Ludwig announced the opening of a Drum Shop at 134 East Van Buren Street, Room 606, in the old Omaha Building. Production of the Ludwig pedal was started in the basement of the old Ludwig homestead at 1326 W. 20th Street, Chicago. At that time the manufacture of drum equipment was just a sideline. In the fall of 1910, Theo. E. Ludwig, who had been playing a summer engagement with the famous Innes Band in Denver, returned to Chicago and joined his brother to form the firm of Ludwig & Ludwig.

During the winter of 1910, the Ludwig All-Metal Drum was developed in the basement-factory at 1026 W. 20th Street. Here, also, was produced the first throw-off strainer. These three items—the Ludwig Pedal, the Ludwig All-Metal Drum, and the Ludwig Muffler, as the strainer was called at that time, formed the foundation of the Ludwig & Ludwig business and all three, with slight changes, have served the profession not only in this country but in all parts of the world, for the past twenty-five years.

The rapidly increasing demand for Ludwig merchandise soon necessitated a move to larger manufacturing quarters on the top floor of a large building at 14th Street and Western Ave., and the line was increased with the addition of wood shell snare and bass drums, as well as thumb screw rods and other drum accessories.

In 1915 the present building at 1611 North Lincoln Street was purchased, but even the facilities of its three stories soon proved too small, and an annex was built in 1921.

The intervening years brought many changes and improvements in the Ludwig line and the addition of new and revolutionary merchandise. From William Ludwig's experience as tympanist with the Pittsburgh Symphony Orchestra in 1910 and 1911 came important changes in tympani construction. From his experiments on the hand-tuned tympani of that period came the finest hydraulic tuning tympani in 1912, followed by the cable tympani in 1915. Many cable tympani are still in use with such prominent organizations as the Minneapolis Symphony, the Cleveland Symphony, the Detroit Symphony, and many others. Further improvements replaced the cable with steel pull rods in 1921, and from this model came the present Ludwig Balanced-Action, Pedal-Tuned Tympani—the fastest, most practical, and easiest tuning tympani ever devised.

Ludwig & Ludwig were the first to make 3-ply shell bass drums of Aero-Kraft construction. Many bass drums of this type have been in constant use for 20 years. They were the first to use fancy finishes on drums. The first gold plated drum was made by Ludwig & Ludwig and sold to the late Vernon Castle, who in turn presented it to his drummer, Max Baucus, in 1914.

In the drum corps field Ludwig & Ludwig have been pioneers in the promotion of rudimental contests. Developed the first chromatic mounted aluminum bell-tiya and bugle-tiya, and were the first to make the modern piston bugles.

Throughout the years, Ludwig & Ludwig have been constantly on the alert to the drummers' needs, and their record of twenty-five years of steady and constant growth and success is both promise and proof of continued achievement in the drum world.



1910
/ 1935

WM. F. LUDWIG
Founder and
President of
Ludwig & Ludwig

The Professional Career of Wm. F. Ludwig

WM. F. (BILL) LUDWIG is a musician because his father wished him to be one, and his study of the drums began when he was but a lad eight years old. Mr. Ludwig remembers when his father helped him put on his cap and coat, and they walked to see Mr. John Cadin, one of Chicago's foremost drummers back in 1887.

Young Ludwig was immediately started on the study of the drum rudiments which were to establish the foundation that later made it possible for him to hold some of the best drummer jobs in America. Music, as well as the drum rudiments, was included in his training and he studied the violin for several years.

At fourteen he started to play band jobs with his father in Chicago. At sixteen he started his first steady job with the Wood Bros. Circus, a wagon show playing from Chicago to New Orleans. Next he played under canvas with Uncle Tom's Cabin, followed by jobs with several road and musical shows. His Chicago experience included picnic, dance, skating rink, theatre, and political band-wagon jobs, for a drummer then had to be an all-around man.

A few of his main engagements were the Omaha Exposition, Chicago Grand Opera House; the Brocade Band at New Orleans and later at the Buffalo Exposition. This was followed by an engagement with Plimney's Band at both the St. Louis and Buffalo Expositions. Next a four-season tour with the English Grand Opera Company and then the Madame Butterfly Grand Opera Company. An offer from the Pittsburgh Symphony Orchestra resulted in an engagement there prior to a long engagement with the famous Chicago Grand Opera Company and the Chicago Symphony Orchestra. These are only a few highlights of his long career.

LUDWIG STAR USERS OF THE DRUM WORLD

**BIG TIME
LUDWIG
USERS**

Presenting a few famous users of Ludwig drums, percussion and mallet-played instruments. Space will not permit a complete listing of the many "big time" artists whose continuous use and endorsement of Ludwig equipment for many years has made Ludwig the "Drum Standard of the World."



This is the man who makes those musical numbers from the NBC Chicago studio tick through your "speakers" with that exhilarating cadence and precision—Ralph Smith, an outstanding drummer and a 100% big time Ludwig-er.

"Ludwig's are the best in the business for me", says Bernie Mattinson, stellar rhythm-maker with Horace Heidt's Orchestra. And his statement is founded on 20 years of drumming, starting when he was only four years old.



ON THIS CATALOG'S COVER

Three prominent drummers (standing left to right) Roy Knapp, studio drummer of Radio Station WLS, Chicago; Charles Puchta, Dan Russo's Orchestra, RKO Palace Theatre, Chicago, and Johnny Jacobs of George Olsen's Orchestra—watch another of their fraternity, Ralph Smith, NBC Chicago studio drummer, demonstrate a few rhythms on Ludwig drums and mallet-played instruments posed especially for this photograph. All four of these outstandingly fine drummers use Ludwig drums and tympani exclusively.



Charles Puchta keeps the show going at the Palace Theatre, Chicago, in the pit orchestra directed by Dan Russo, and he does it with Ludwig equipment—snare and bass drums, pedal, tom-toms and tympani.

Marty Rojate sets the dance tune cadence for Johnny Hamp's stellar orchestra of dance, stage and radio fame. With his complete Ludwig outfit, Marty well merits a ranking of "Big Time Ludwig-er".



From coast to coast the dancing feet of the action have felt the rhythm of Graham Stevenson's Ludwig drums. He's a "feature performer" with Gus Arnheim's Orchestra; he knows drums, and he acclaim's Ludwig the best.



For over eleven years, John W. Jacobs, who sets the dance cadence for George Olsen and his Master, has been a devout Ludwig-er. All of his drums and tympani are Ludwig, chosen "because of their perfection."





BURTON MOORE
New Haven, Conn.



OTTO KIESTUYK
Chicago, Ill.



H. A. FOGEL
Canton, Ohio



K. F. JAMES
San Diego, Calif.

Direct from Paris comes confirmation of the slogan—"Ludwig drums are the best in the world"—the exact statement of P. Caillay big time Ludwig-er at Radio Station "Poste Parisien" and the Gaumont Theatre.

★ ★ ★

Ormond Downes, drummer for over seven years with Ted Weems' famous orchestra, prizes his Ludwig Super snare drum and pedal tympni as "The best ever." Director Weems and the Harlowesque dancers listen in agreement.



Canada concedes "Ludwig's are the best," says W. B. "Billy" Duncan, with Earle Hill's Canadian Pacific Orchestra, heard over both CBCV network and NBC. From tympni to vibra-celeste Billy is 100% Ludwig.



The world's highest salaried and most widely advertised drum star, Jack "Watch the Drums" Powell, vaudeville artist extraordinary, has used Ludwig drums exclusively for over 20 years.



FRED H. SCHULTZ
Milwaukee, Wis.



ED H. STRAIGHT
Chicago, Ill.



EMIL FAERLUND
Glendale, Calif.



OSCAR SCHWARZ
Philadelphia, Pa.



A. F. DURLAUF
Louisville, Ky.



ROY KNAPP
Chicago, Ill.



SIMON STERNBURG
Boston, Mass.



JOE SINAI
San Francisco, Cal.



One of the biggest of big time Ludwig-ers is Ward Archer who supplies the rhythm for Ben Barate and all his lads. Ward is a devout Ludwig-er from pedal to vibra-celeste.

★ ★ ★

Over six years with the nationally famous radio and dance orchestra directed by Wayne King, America's Waltz King, have convinced Les Keller of the sterling worth of the Ludwig drums, tympni, orchestra bells and pedal which he uses.



Lillian Singer, with her beautifully designed 100% Ludwig equipment, provides the rhythm for Les Roy Hutton's Orchestra, which in a single year has made "tops" in vaudeville, radio, recording, dance and screen.





Natural
Way



Balanced
Action

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

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

Heads are selected Ludwig Vexlor Tympani Heads, and the workmanship throughout is of the finest.

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

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

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

No. 2755—Ludwig Natural-Way Pedal Tympani, Standard sizes 25" and 26", as illustrated and described, complete \$350.00

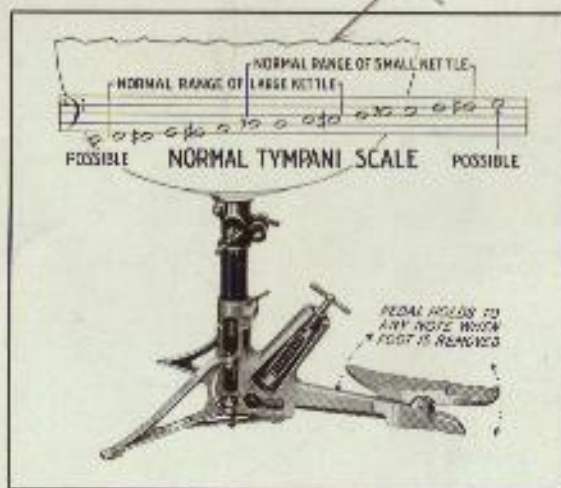
No. 2575—Ludwig Natural-Way Pedal Tympani, sizes 26" and 28" for Symphony requirements, complete 385.00

Instructor, One Pair Sticks and Fibre Hand Protectors Included

Choice of Bowls in Black or White Lacquer at no additional cost. Stands, Tuning Handles, and Hoops in Chromium Plate \$30.00 Extra

LUDWIG PEDAL-TUNED TYMPANI

Ludwig Pedal-Tuned Tympani are recognized as the finest, most practical, most convenient, and easiest tuning tympani manufactured today. Their use by many of the outstanding professional tympanists in every type of musical organization where tympani are used is conclusive evidence of their superiority.



FEATURES

The pedal is designed so the action is absolutely uniform, even, sure and easy.

The pedal will hold any note in the scale even when the foot is removed.

Kettles are adjustable for height, for beating spots, and can be tilted to the angle best suited to your requirements.

Kettles can be revolved like a piano stool without affecting the tone or the tuning.

Handles are low, so as not to interfere with playing or with passing from kettle to kettle.

Eight tuning screws distribute the head tension evenly over a greater skin area.

Tympani can be used either as hand or machine tympani as the player wishes.

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

Another advantage of three tympani is that they necessitate less tuning and fewer changes. In large symphony orchestras even a fourth kettle is sometimes used for extremely high notes such as F \sharp and G and even A. It is possible to force a standard size 25" tympani up to A but the note will be poor in quality because the diameter of the bowl is too large for such a high note. On the other hand, this is true of the low notes secured on a 26" tympani. The regular 26" diameter kettle can be lowered in pitch to E and Eb but the tone quality will not compare to the same notes gotten on a 30" or 32" kettle.

A comprehensive diagram illustrating the normal tympani scale with the possible high and low notes that can be obtained is shown to the left for further clarity.

The illustrations show the travel of the pedal from low to high note positions.



LOW NOTE POSITION

The toe is up for low, down for the high notes. The action is easy and light.



HIGH NOTE POSITION

LUDWIG NEW ROTARY TYMPANI

The new Ludwig Machine Tympani—tuned by revolving the kettles on their stands, are far faster than the hand type. Simple, easy, fast, and accurate to tune, scientific and sturdy in construction, they have already found favor in schools and other places where funds will not permit the purchase of the Natural-Way Pedal Tympani. Simply revolve the kettles to the right for the high notes, and to the left for the low notes—done as easily and

quickly as adjusting a piano stool to proper height. Bowls are drawn in one piece of highest quality copper, and of a beautiful satin copper finish. Heads are tensioned with six hand screw handles which, like the hoops and stands, are heavily Nickel plated. Heads are choice transparent caliskin. Kettles can be adjusted to height, tilted to the desired angle, and removed from the bases for ease in transporting.

No. 286½—Ludwig Rotary Tympani, 25" and 28" diameter, complete as described \$250.00

write below
Instructor. One Pair Sticks, and Fibre Head Protectors Included.

With Stands, Handles, and Hoops in Chromium plating \$30.00 Extra

Push-About Tympani Wheels

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

No. 284½—Push-About Tympani Wheels. Per pair \$12.50



Tympani Trunks, Covers and Accessories

No. 294—Trunk for 25" Tympani. Each \$45.00 Net

No. 295—Trunk for 28" Tympani. Each 45.00 Net

(State whether for Pedal, Hand, or Rotary Tympani and give size of kettles)

No. 292—Heavy fleeced-lined, moisture and waterproof Tympani covers. State size of Tympani. Per pair \$7.50

No. 293—Folding Tympani Stands. Per pair \$12.00

No. 283½—Tympani Tuning Pitch Pipe. Each75

No. 687—Ludwig Tympani Instructor (see page 48) 2.00

(See page 36 for Tympani Sticks)



LUDWIG PIONEER TYMPANI

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

Bowls are made in one piece of best grade copper and finished in a rich satin copper. Hoops, handles and stands are heavily Nickel plated, and heads are choice

transparent caliskin. Stands fold conveniently to a small space for packing.

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

No. 285½—Ludwig Pioneer Tympani, 25" and 28" diameter, as described, per pair \$150.00

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



End-view of the newly styled, stronger, more beautiful, and more rigid Ludwig Mallet-Played line. Note the new cast aluminum alloy base and strong bracing.



Recessed Temperature Adjusting Device permits fine, full tone under any and all playing conditions.



Note the modern styled cast aluminum alloy end-boxes and recessing head for the slant uprights.



Wheels are solid rubber-composition. Two of them are equipped with dependable foot brakes.

FEATURES

BARS—All Ludwig Xylophone and Marimba bars are especially selected, finest quality genuine Honduras Rosewood, thoroughly seasoned, accurately tuned to low (A-440) pitch, and beautifully finished in their natural grain.

BAR MOUNTING—Full suspension cord mounting of bars on sturdy, rubber-covered metal support posts permits fullest vibration of each bar, from the lowest to the highest note, for the finest, fullest possible tone.

RESONATORS—Resonators are highly polished aluminum to eliminate all excess carrying weight. Resonators of larger instruments split for convenient, compact packing in cases.

RESONATOR ADJUSTMENT—Slotted Resonator Temperature Adjusting Device permits efficient tuning under all temperature conditions.

STANDS—Newly designed stands combine maximum strength and rigidity with new beauty. New "stepped arch" bases of cast aluminum alloy are strong, light in weight and graceful in design. Tubular steel uprights and channel steel cross-bar with ample bracing and cross-bracing combine to make this the most rugged of any on the market today. Yet with all this, the stands are easily set up or knocked down, are light in weight, and pack conveniently in their respective carrying cases.

CONCERT MARIMBA

EVERYTHING that can be desired in a marimba will be found in this instrument—a sweet rich, mellow marimba tone with plenty of volume and exceptional carrying power. Its beauty of appearance is second to none—assured because of its grace in design, the selection of materials, and the usual splendid Ludwig workmanship throughout.

The suspension cord mounting of bars that are graduated in width, and scientifically correct resonators insure finest tone and fullest resonance. Resonator adjusting device permits resonator adjustment to meet all temperature conditions.

Bars are thoroughly seasoned selected Honduras Rosewood accurately tuned to low (A-440) pitch. The split frames are finished in Ludwig White Avalon Pearl, and the aluminum resonators are highly polished. The stand is Chromium plated and combines the utmost in beauty with great strength and rigidity. The newly styled end-boxes and bases are cast aluminum alloy beautifully finished in every respect.

The Ludwig Concert Marimba is easily set up, or taken down and packed in its convenient fibre band carrying cases, in just a few minutes. Four pairs of selected mallets are included with the instrument.

Split frames in Ludwig White Avalon Pearl finish. Bars natural finish highly polished genuine Honduras Rosewood. Tempered aluminum resonators beautifully buffed and polished. Stand, and all other metal parts Chromium plated. Rubber tired wheels, two of them equipped with brakes, are standard equipment.

- No. 8-359—3½ octaves, F to C, 44 bars 2" to 1½" wide by ¾" thick. Length 58".
 Width at lower end 31". Height 33". Weight 70 lbs. \$195.00
- No. 8-358—4 octaves, C to C, 48 bars 2¼" to 1½" wide by ¾" thick. Length 66"
 Width at lower end 33". Height 33". Weight 77 lbs. 245.00

Four Pairs Selected Mallets Included with Instrument.

Choice of other Ludwig Pearls on wood frames No Extra Charge

No. 8-360†—Two Fibre Band Carrying Cases for No. 8-358 \$40.00

Trunk for No. 8-358 made specially to order.

FEATURES

BASES are beautifully buffed and polished, and all other metal parts are Chromium plated—the most enduring, and easiest of all platings to clean and keep clean.

FRAMES—Frames are maple finished with Ludwig Avalon (white) Pearl except where otherwise stated. Choice of other Ludwig Pearls or Flash are optional at no extra cost. Cast aluminum alloy end-boxes are of modern design, and are beautifully polished.

TILTING FEATURE—The Ludwig Special-Lite Marimba-Xylophone (No. 8-845), as well as both the Vibra-Celeste and Vibra-Celeste Bells, is so designed that the bars may be tilted for easy playing from a sitting position. Because 3½ and 4 octave instruments are too long to be played from a seated position, this feature is not included on either the Concert Marimba or Xylophone.

WHEELS—Solid rubber-composition wheels with ball bearings of 3" or 4" diameter, depending on the size of the instrument, are standard equipment on all instruments except the No. 8-835 Xylophone. The two wheels nearest the player are equipped with dependable brakes which are operated by the foot.

CASES and TRUNKS—Ludwig-made cases or trunks listed beneath each instrument give maximum protection to the instrument.



SPECIAL-LITE MARIMBA XYLOPHONE

THE Ludwig Special-Lite Marimba-Xylophone is a combination xylophone and marimba—an instrument that combines the upper register of the xylophone with the lower register of the marimba, and therefore offers both the brilliance of the xylophone and the mellow resonance of the marimba without the weight and size of the latter.

The excellent tone, ample volume and unusual carrying power, together with its beauty, its light weight and its convenient size make this one of the most popular wood bar instruments in the entire Ludwig line. The attractive price at which it is offered places it well within the reach of the most modest purse.

Bars are seasoned, selected genuine Honduras Rosewood accurately tuned and finished in the natural beauty of their own grain. Bars may be tilted for easy playing from a sitting position. The folding stand is so designed and constructed as to give maximum rigidity and absolute assurance of greatest strength, and is heavily Chromium plated. The beautiful and distinctive new bases and end-boxes are of cast aluminum alloy buffed to a beautiful finish. Frames are standard with gleaming white lacquer finish, but Pearl frames may be had at the small extra cost listed below. Resonators of polished aluminum. Full suspension cord mounting of bars permit finest tone, and resonator adjusting device eliminates all tone difficulties due to temperature changes.

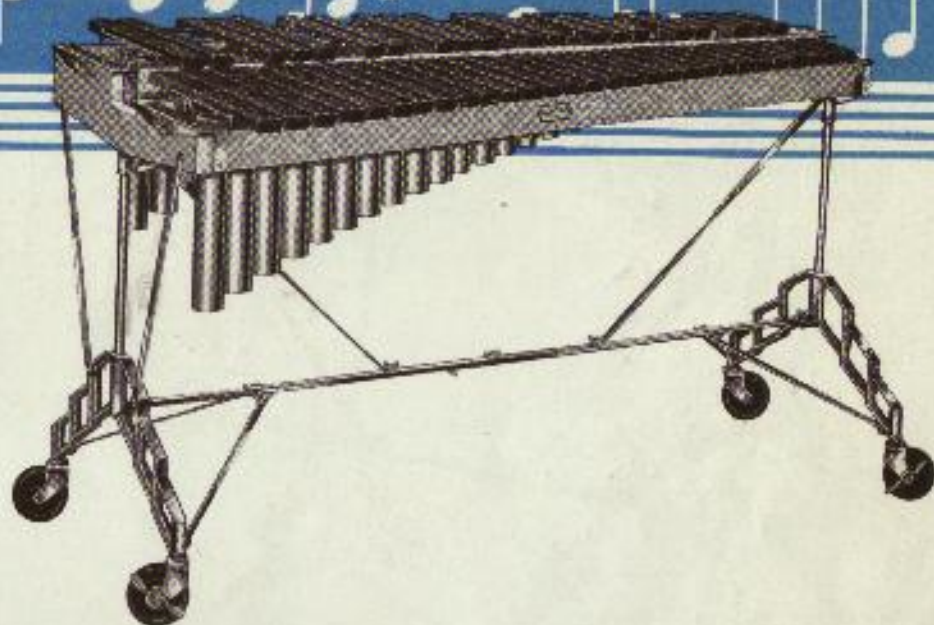
One-piece frames in gleaming white lacquer. Bars of genuine Honduras Rosewood beautifully finished in their natural grain. Polished aluminum resonators. Cast aluminum bases and end-boxes. Stand and other metal parts Chromium plated. Equipped with four 3" solid rubber wheels (two of them with brakes).

No. 8-845—3 octaves, C to C, 37 bars, 1 $\frac{1}{2}$ " to 1 $\frac{3}{4}$ " wide by $\frac{3}{4}$ " thick. Length 46". Width at lower end 28". Height 33". Weight 45 lbs. \$140.00

Four Pairs Selected Mallets Included with Instrument.

Choice of Ludwig Pearl on wood frames \$8.00 Extra

No. 8-845†—Hand Carrying Case for above instrument \$22.50



CONCERT XYLOPHONE

THE Ludwig Concert Xylophone is the finest xylophone that can be built and owes its enviable popularity, with professional and amateur player alike, to its extraordinary brilliant tone and remarkable volume. Few instruments, regardless of price and manufacture, will be found to equal it when a fair feature for feature comparison is made.

In addition to the fine tonal qualities, and volume sufficient for any requirement, this xylophone possesses qualities that will recommend it highly to the xylophonist whose work necessitates the transporting of his instrument from job to job.

The split frames and resonators, and the fast-folding stand with its modernly styled new bases and strong bracing can be assembled, or packed in its two strong fibre carrying cases, in less than five minutes.

Bars are genuine selected Honduras Rosewood, accurately tuned and mounted on suspended cord permitting full vibration. Resonators are polished tempered aluminum, and stand is accurately machined, carefully fitted, sturdy and rigid. Base castings are of finest aluminum alloy. Resonator adjustment device, and four rubber tread wheels, two of them equipped with brakes, are standard equipment on these models.

Split frames in Ludwig White Avolon Pearl finish. Bars natural finish and beautifully polished. Polished aluminum resonators. Cast aluminum bases and Chromium plated stand, 4" solid rubber wheels (two of them with brakes).

No. 8-880—3 $\frac{1}{2}$ octaves, F to C, 44 bars 1 $\frac{3}{4}$ " wide by $\frac{3}{4}$ " thick. Length 54". Width at lower end 28". Height 33". Weight 67 lbs. \$175.00

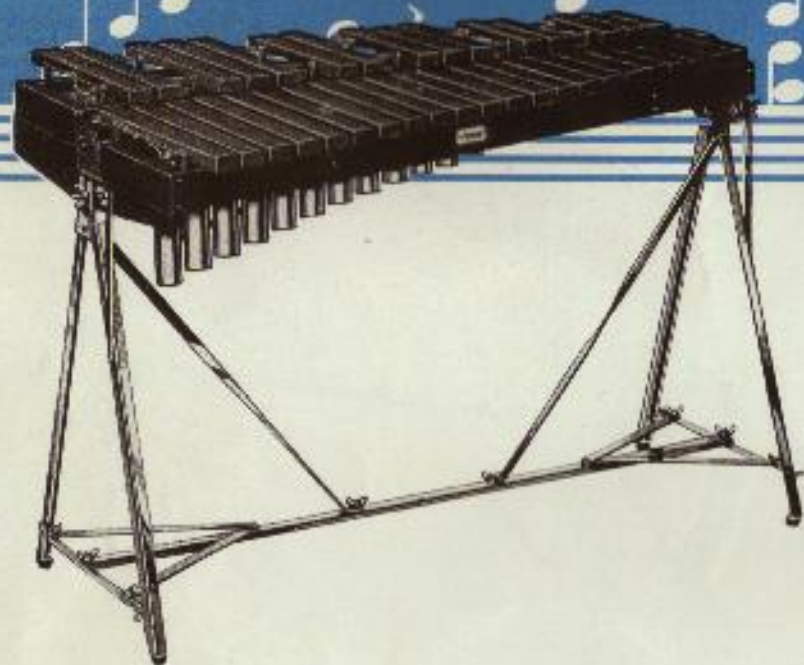
No. 8-879—4 octaves, C to C, 49 bars 1 $\frac{1}{2}$ " wide by $\frac{7}{8}$ " thick. Length 60". Width at lower end 30". Height 33". Weight 75 lbs. 190.00

Four Pairs Selected Mallets Included with Instruments.

Choice of other Ludwig Pearls on wood frames No Extra Charge

No. 8-880†—Two vulcanized Fibre Carrying Cases for 3 $\frac{1}{2}$ Octave Size \$35.00

No. 8-879†—Two vulcanized Fibre Carrying Cases for 4 Octave Size 40.00



SPECIAL-LITE XYLOPHONE

THE Ludwig Special-Lite Xylophone is a truly professional quality instrument whose smaller dimensions, light weight and low price make it a popular all-around number. Splendid tone, excellent volume and remarkable carrying power, together with the above features, recommend it to the jobbing drummer who must necessarily consider portability as well as musical qualities. Ideal because of its small size for theatre pit and dance platform where space is always at a premium. Excellent, too, for the school band and orchestra where a low priced instrument is desired without sacrificing any of the desirable musical qualities.

The newly improved, sturdy, rigid stand is accurately machined, carefully fitted and beautifully finished in Chromium. Extension legs are supplied for use in a standing position. Bars are selected genuine Honduras Rosewood accurately tuned and finished in their natural grain. Cushion felt bar mounting. One piece frames are finished in lustrous black lacquer, and one piece aluminum resonators are highly polished. Entire instrument is quickly set up, or knocked down, and packs compactly into one convenient, reinforced fibre carrying case.

One piece frames finished in jet black lacquer. Selected Honduras Rosewood bars highly polished and mounted on cushion felt. One piece resonators highly polished aluminum. Chromium plated stand is fast folding, and sturdy.

No. 8-835—3 octaves, C to C. Bars 1 1/4" wide by 3/4" thick. Length 36". Width at lower end 23". Height 25". Height with extension legs 33". Weight 24 lbs.
With case 33 lbs. \$75.00

Extension Legs and Two Pairs Mallets Included.

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



PORTO VIBRA-CELESTE

THE Ludwig Porto Vibra-Celeste has all the features of the model on stand, but is built right in its own carrying case, is unbelievably light in weight, and is substantially lower in price. It is made specially for the jobbing drummer who must travel from job to job. Weighing only 42 pounds, and built in its own carrying case, the drummer need only remove the cover, plug in the cord, and he is ready to play this instrument. There is no stand to assemble and nothing to mount.

Bars are of aluminum alloy as in the other model, insuring sweetness of tone. Resonators are aluminum with cast elbows which lie in the bottom of the case to conserve space. The damper is thoroughly efficient and operates in a manner similar to the spacing bar on a typewriter. The motor is a sturdy 110 volt (AC or DC) current, and has a governor speed control. (Foreign voltages require different motors. Prices will be quoted on instruments for export on receipt of voltage data, etc.)

Case is Koratol covered and fitted with nickel hardware and an easy-carry handle. Instructor, four pair mallets, and detachable music rack are included.

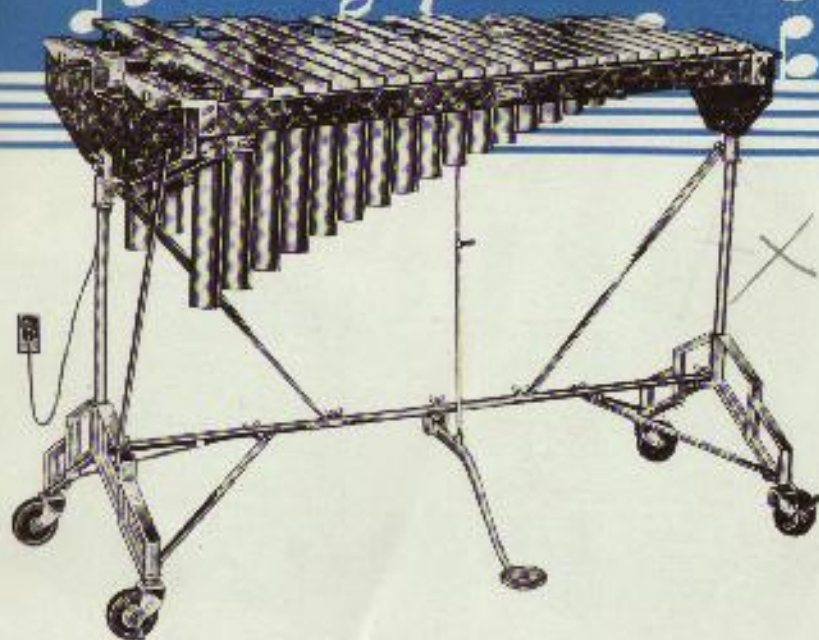
No. 8-112—2 1/2 octaves, F to C, 32 bars 1 3/4" wide by 3/4" thick. Case measures 34" long by 20" wide by 8" deep. Total weight 42 pounds \$195.00
No. 351 —Folding Stand for Porto-Vibra-Celeste, Nickel 6.00
No. 351K—Folding Stand, but in Chromium 9.00

LUDWIG VIBRA-CELESTE INSTRUCTOR

This is a simple, complete, and concise elementary instructor for the Vibra-Celeste, Vibraphone, Vibra-Harp and similar metal bar instruments. The instrument is described, its uses explained, and rudiments of music made clear, the correct playing method shown, and a generous amount of music arranged for these instruments is included. This is the only complete instructor of its kind ever published.

72 pages 9" x 12"

No. 686—Ludwig Elementary Instructor for Vibraphone and Vibra-Celeste \$2.50



STANDARD VIBRA-CELESTE

THE Ludwig Vibra-Celeste is one of the most positive means by which you can make yourself more valuable to your organization, find greater public favor, and increase your earning power. Its vibrato voice is sweet, beautiful, and full in solo work, and blends perfectly with the brasses, reeds, and strings of the orchestra and band.

The bars of the Vibra-Celeste are of alloyed aluminum that is far superior to steel for this use, and the resonators are tempered aluminum, which makes the instrument light in weight and easily portable. Bars may be tilted for easy playing from a sitting position. The pedal-operated damper has a locking device, and is thoroughly efficient and reliable. The sturdy motor operates on 110 volt (either AC or DC) current, and has a speed control which regulates the speed of the revolving resonator discs. (Instruments for export require special motors. Prices quoted on receipt of information stating voltage, etc.)

The Vibra-Celeste is mounted on the newly designed, sturdy, rigid stand with cast aluminum alloy bases which is easily assembled or knocked down for packing into two convenient hand carrying cases. Equipped with four solid rubber-composition, ball-bearing wheels of which two have dependable foot brakes.

One-piece frames in Black Avalon Pearl. Polished cast aluminum alloy bases and end-boxes. Other parts of stand Chromium plated. Bars and aluminum resonators highly polished. Four ball-bearing, solid rubber-composition wheels (two with brakes). Instructor and 4 pair mallets included with instrument.

No. 8-110—3 octaves, C to C, 37 bars $1\frac{1}{2}$ " to $1\frac{1}{4}$ " wide by $\frac{1}{2}$ " thick. Length 45".
Width at lower end 25". Height 33". Weight 70 lbs. \$295.00

Choice of other Ludwig Pearl or Flash on Wood Frames No Extra Charge

No. 8-610⁺—Two Fibre Hand Carrying Cases for Standard Vibra-Celeste \$45.00



POPULAR VIBRA-CELESTE

LUDWIG Popular Vibra-Celeste differs from the Standard Vibra-Celeste only in the fact that it has a $2\frac{1}{2}$ octave range and the elevated mounting of the sharps and flats which is preferred by many drummers because it is like that of standard orchestra bells and xylophones to which they are accustomed. Unexcelled as song bells when the motor is not used, and ideal for jobbing because of its small size and light weight.

The newly designed, sturdy, rigid stand with its cast aluminum alloy bases which combine beauty with unusual strength, the new "butterfly" damper designed especially for this instrument, the new sturdier, almost-entirely concealed motor mounting at the lower end, the improved motor speed control, and the modernly styled cast aluminum end boxes which lock the frames to the stands are noteworthy features of this instrument.

Bars are the same fine quality aluminum alloy as those of the larger Vibra-Celeste, and are accurately tuned to low (A-440) pitch. Bars may be tilted for easy playing from a sitting position. Frames and arms are covered with Black Avalon Pearl, and resonators are highly polished aluminum. Castings are beautifully finished and all other metal parts are durably Chromium plated. Dependable, smooth operating motor designed for use on 110 volt (either AC or DC) current.

One-piece frames in Black Avalon Pearl. Polished cast aluminum alloy bases and end-boxes. Other parts of stand Chromium plated. Bars and aluminum resonators highly polished. Four ball-bearing, solid rubber composition wheels (two with brakes). Instructor and 4 pair mallets included with instrument.

No. 8-114— $2\frac{1}{2}$ octaves, C to F, 30 bars $1\frac{1}{2}$ " to $1\frac{1}{4}$ " wide by $\frac{1}{2}$ " thick. Length 39".
Width at lower end 24". Height 33". Weight 60 lbs. Complete \$270.00

Choice of other Ludwig Pearl or Flash on Wood Frames No Extra Charge

No. 8-614⁺—Two Fibre Hand Carrying Cases for Popular Vibra-Celeste \$40.00



No. 8-383
Lu-Mellow Bells
On Stand



No. 8-381—Professional Bells



No. 8-384—Orchestra Bells



LU-MELLOW BELLS

These are the finest of all orchestra bells because they are sweeter, clearer, and truer in tone than any that have been known heretofore. Bars are tempered aluminum alloy which minimizes the sound of

the mallets' impact on the metal. Harsh overtones are practically eliminated, and the tone is thoroughly accurate. These are the lightest, clearest and sweetest voiced bells obtainable anywhere at any price.

No. 8-383—2½ octaves, G to C, 30 bars 1¼" wide by ¾" thick. A-440 pitch. Weight 15 lbs. Complete in case with 2 pair selected mallets, and detachable music rack\$50.00

PROFESSIONAL BELLS

These are the finest steel bells that can be made, and are the choice of many who prefer steel bars to aluminum alloy bars. Bars are best quality special alloy steel,

and are heavily Chromium plated. The tone is full and true with plenty of volume. Accurately tuned, and ideal for the most exacting band and orchestra work.

No. 8-381—2½ octaves, G to C, 30 bars 1¼" wide by ¾" thick. A-440 pitch. Weight 28 lbs. Complete in case with 2 pair mallets and music rack\$45.00

ORCHESTRA BELLS

A quality set of true professional bells made of the finest tempered alloy steel, accurately tuned, and Chromium plated. Excellent for the school band and arches-

tra, or where limited funds prevent the purchase of the sets described above. Tone, volume, and carrying power are unusual for bells of this price.

No. 8-384—2½ octaves, G to C, 30 bars 1" wide by ¾" thick. A-440 pitch. Weight 17 lbs. Complete in case with 2 pair mallets, and music rack\$35.00

LUDWIG BELL STAND

A strong folding bell stand adjustable in height from 17" to 25". Folds to 14½".

No. 385—Ludwig Bell Stand, Nickel plated\$8.00

Nickel plated, durable, rigid, and built for real service. Illustrated with bells above.

SCHOOL BELLS

Ludwig School Bells are intended primarily for the School band and orchestra whose finances will not permit the purchase of the more expensive bells in cases as shown on the preceding page. Bars are of the

same quality steel as is used in the Ludwig professional bells, but are of smaller dimensions throughout. They have a fine clear tone, are accurately tuned, and cushioned on good quality felt.

No. 8-380—2½ octaves, G to C, 30 bars, 1" wide by ¾" thick. Complete with one pair selected Ludwig mallets\$15.00

SCHOOL BELLS IN CASE

This is the same set of bells as that described above but contained in a Fabricoid covered carrying case made of strong bass-wood, strongly reinforced and equipped

with quality hardware and a stout leather handle. Bells can be removed from the case and the cover is completely detachable. Case measures 26" x 16" x 3½".

No. 8-379—School Bells in Case, Weight 16½ lbs.\$22.00

SCHOOL XYLOPHONE

The Ludwig School Xylophone is a quality instrument of small dimensions, intended, like the bells above, for school organizations whose funds are limited. Bars are

genuine Honduras Rosewood, accurately tuned, of good tone and carrying power, and finished in their natural grain. An excellent instrument at a low price.

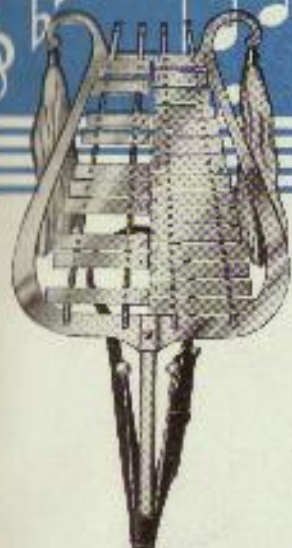
No. 8-810—2½ octaves, G to C, 30 bars, 1¼" wide by ¾" thick. Complete with one pair selected Ludwig mallets\$14.00

SCHOOL XYLOPHONE IN CASE

Identical to the School Xylophone described above but contained in a Fabricoid covered case with quality hardware and

sturdy leather handle. Cover and Xylophone can be completely removed from case. Case measures 26" x 21" x 3½".

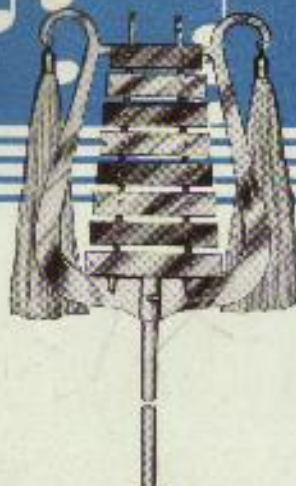
No. 8-809—School Xylophone in Case. Weight 14½ lbs.\$21.00



BELL-LYRA
No. 8-103



No. 8-102



BUGLE-LYRA
No. 8-113

BELL-LYRA

THE Bell-Lyra is the Glockenspiel modernized for present needs in the band and orchestra, and has found wide favor because of the tone quality and distinction it lends. Made in the lightweight 22 bar size for school use, and in a full two octave size for bands of adult, or almost adult, members. Bar mounting is fully chromatic so the instrument is easily mastered. Bars of this instrument are Aluminum alloy and the frame is of Aluminum insuring lightness and ease of carrying on parade. Plumes can be dyed by customer to any desired color, or color combination.

- No. 8-102—Bell-Lyra, range C to A, 22 bars 1 1/4" wide by 3/8" thick. Pitch A-440.
Weight 13 lbs. Complete with white Horsehair Plumes and Mallet \$75.00
- No. 8-103—Bell-Lyra, 2 octaves, A to A, 25 bars 1 1/4" wide by 3/8" thick. A-440
pitch. Weight 15 1/2 lbs. Complete with white Horsehair Plumes and Mallet ... \$85.00
- No. 8-104—Leather Carrying Strap for Bell-Lyra 4.00
- No. 8-107—Mackintosh Carrying Bag for No. 8-102 Bell-Lyra 6.00
- No. 8-105—Mackintosh Carrying Bag for No. 8-103 Bell-Lyra 6.00
- No. 8-106—Concert Stand for Bell-Lyra (State if for 22 or 25 Bar Bell-Lyra) 15.00

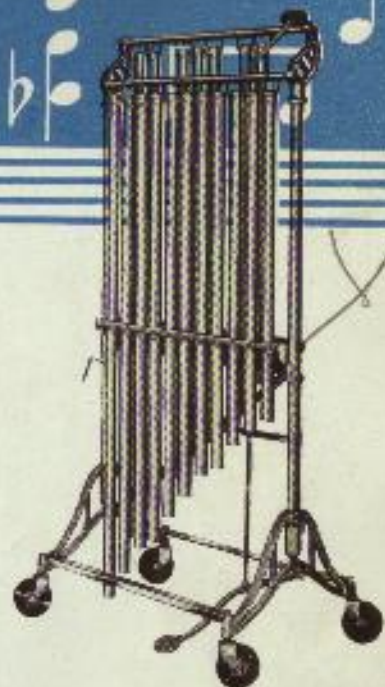
BUGLE-LYRA

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

The Bugle-Lyra has the eight notes of the Gee-Dee bugles, is carried like the colors, and is played with a mallet held in the right hand. On-the-beat notes are played while marching, but the melody is played in concert formation. Weight 7 lbs.

- No. 8-113—Bugle-Lyra, 8 bars of Aluminum alloy, and Aluminum frame. Mallet
and Horsehair Plumes which can be dyed to any color included \$45.00
- No. 8-104—Leather Carrying Strap for Bugle-Lyra 4.00
- No. 8-115—Mackintosh Carrying Bag for Bugle-Lyra 5.00

LUDWIG CHROMATIC CHIMES with PEDAL and HAND DAMPER



THESE sensational, new Ludwig Chimes with the Damper operated either by a pedal or a hand lever more than double their value to the drummer and musical organization using them because they can be played with one or two mallets, and muted to any degree desired by the player. Rapid passages and hot choruses can now be played on Ludwig Chimes as easily as on orchestra bells. The elevated tube mounting (sharps and flats in one row; naturals in another) enables anyone familiar with orchestra bells, xylophone or piano keyboard to master this instrument without difficulty. Damper is positive and reliable in every respect. Tubes are highest quality brass, accurately tuned, highly polished and Chromium plated. Base ends and rack head are aluminum castings, and the entire instrument is sturdy, light and rigid. Two of the solid rubber wheels are equipped with brakes. Banner racks, velvet banners with your name in sewn letters, and either trunks or carrying cases, depending on the model, are supplied at the extra prices shown below. All models are easily assembled, or dismantled, in only a very few minutes.

CHIMES—1" TUBES

- No. 8000 — 1 1/2 Octaves, 18 Tubes, C to F, A-440 Pitch, without Damper or Wheels.
Chromium plated. Mallet included \$140.00
- No. 8011 — 1 1/2 Octaves, 18 Tubes, C to F, A-440 Pitch, with Damper and Wheels.
Chromium plated. Mallet included 185.00
- No. 8001 — Banner Rack for Nos. 8011 or 8000 \$ 4.00 Extra
- No. 8002 — Velvet Banner (your name in sewn letters) 4.50 Extra
- No. 8004 1/2 — Fibre Carrying Case for No. 8000 20.00 Extra
- Special Trunk for No. 8011 NET 65.00 Extra

CHIMES—1 1/4" TUBES

- No. 8014 — 1 1/2 Octaves, 18 Tubes, C to F, A-440 Pitch, with Damper and Wheels.
Chromium plated. Mallet included \$285.00

*Climaxing
Twenty-five
Years of
Supremacy!*



NEW LUDWIG SILVER ANNIVERSARY SNARE DRUM

Super-Sensitive Models

A sensational new snare drum symbolizing the 25 years of supremacy of Ludwig & Ludwig in the drum world . . . The culmination of 25 years of consistent development and progress.

FEATURES

Two Sets of Snares Superb Tone Instant Snare Response
 Internal Tone Control Modern Design Unprecedented Volume
 Super-Strength Construction Unlimited Power and Flexibility

FOCUSING a quarter of a century's drum making experience into one grand achievement we give you the "Silver Anniversary" Super-Sensitive Snare Drum.

Its performance answers every wish of the drummer, student or professional. It has tone depth and brilliancy; snap and power; double set of instant action snares; it has the genuine snare drum tone. In design, we say frankly, it is the most beautiful drum ever built—and certainly one of the sturdiest.

Two sets of snares make this the miracle drum. One set is underneath on the snare head, while the other set rests against the batter head on the inside of the drum. Both sets are controlled by individual throw-off and throw-on snare strainers and may be used separately or together for any effect you may desire. Use the inner set for fine, pianissimo effects; the outer set for medium volume, and both sets for tremendous volume in the fortissimo rolls.

NEW STURDIER SHELL CONSTRUCTION

Ludwig All-Metal shells are spun from the best quality heavy-gauge brass with sturdy reinforcing head in the middle, and edges are flanged and turned in against the inside wall of the shell for further strength and rigidity. The new heavy flanged counter hoops and modern design tension cases for the key tension lugs add both beauty and strength to the "Silver Anniversary" models. Naturally these All-Metal shells are not affected by extremely humid or dry atmospheric conditions, and will give a lifetime of service and satisfaction.



METAL SHELL

The Super-Sensitive "Silver Anniversary" All-Metal Snare Drum, illustrated one-half actual size on the opposite page, combines the utmost strength with modern beauty and thrilling performance. The seamless, one-piece metal shell is sturdily made with center reinforcing head for utmost strength. New design flanged counter hoops cover the edge of the drum head. Heavy cast levers for inner and outer snare strainer throw-offs. Eight separate key tension rods with tension cases of new modern design. Heads are the genuine Wm. F. Ludwig Selected calfskin. Shell and all fittings heavily nickel plated.

In its standard nickel plated finish, or in gleaming Chromium or special fancy finish listed below, this drum combines everything you could ask for—playing ease, tonal depth and brilliance, and an appearance that will surpass any you have ever seen—a super-sensitive, super-beautiful snare drum in every respect.

No. 56—Size 5" x 14" } Each **\$52.50**
 No. 57—Size 6½" x 14" }
 Choice of sizes but fully Chromium plated \$67.50
 Choice of sizes with engraved black shell and Chromium fittings 87.50

WOOD SHELL

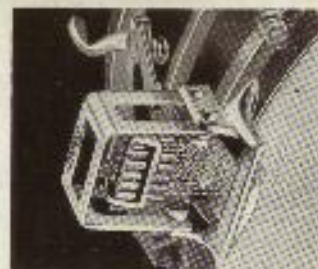
This model has all the superb playing features of the All-Metal Shell described above, the only difference being in appearance. Made with a solid Mahogany shell, highly polished, with hoops, separate tension key rods and snare strainers heavily nickel plated. The heads are choice Wm. F. Ludwig Selected calfskin. This drum is particularly beautiful when finished in Ludwig Pearl shell with either Nickel or Chromium plated fittings.

No. 66—Size 5" x 14" } Each **\$52.50**
 No. 67—Size 6½" x 14" }
 Choice of sizes, but with Chromium plated fittings \$65.00
 Choice of sizes with Ludwig Pearl shell and Nickel plated fittings ... 60.00
 Choice of sizes with Ludwig Pearl shell and Chromium plated fittings, 72.50

EXTRA SUPER-LUDWIG SNARES

The change to gut, coiled wire, or silk-wire snares may be made in a jiffy with these handy extra snares which are mounted on a spring steel holder to keep them taut when not in use. Simply loosen the two thumb-screws, remove the old snares, insert new snares and tighten screws. For Super-Sensitive or Super-Ludwig snare drums only. Specify diameter of drum when ordering.

No. 671—Gut Snares, complete with holder \$3.50
 No. 672—Coiled Wire Snares, complete with holder 3.50
 No. 673—Silk-Wire Snares, complete with holder 3.50



Both the Super-Sensitive and Super-Ludwig model snare drums offer you perfect, instant individual adjustment for gut, coiled wire, or silk-wire snares. This assures perfect alignment of snares and superlative snare response. Note the sturdy new snare strainer guard, and the heavy cast throw-off lever, assuring lasting service and dependability.



This illustration shows the batter head of the Super-Sensitive model cut away to show the inner snares which give this drum its super power and snare response. Your set of snares has its own throw-on and throw-off lever and can be used separately or together with the bottom or inner snares. The illustration also shows the internal tone control described in detail below.



All the new Silver Anniversary model snare drums are equipped with an Internal Tone Control, which completely eliminates the annoying ring common to all drums. Simply turn the small knurled nut on the outside of the shell to regulate the pressure of the felt pad against the inner side of the batter head. Any desired amount of pressure may be applied.



SILVER ANNIVERSARY SNARE DRUMS

Super-Ludwig Models

FEATURES

Sensitive Snare Response
Internal Tone Control
All-Metal Snappi-Snares

Excellent Volume and Power
Super-Strength Construction
New Modern Design

THIS drum responds easily to the stroke of the sticks with splendid tone, and in the new modern beauty of its design, and its super-strength construction, it is destined to be an even greater favorite with the modern drummer.

Instant throw-off and throw-on snare strainer with heavy cast lever, individual snare adjustment with new heavy snare strainer guard, new heavy flanged counter hoops, separate tensioned heads with eight key tension rods and new design tension cases—these are but a few of the many superlative features of the Super-Ludwig drum. The modern beauty of its design is matched by splendid tone, sensitive snare response and excellent volume and power.

METAL SHELL

The metal shell drum is the more popular of the two models, due to the greater strength, rigidity and sturdiness of its shell. The shell is spun from best quality heavy-gauge brass with sturdy reinforcing bead in the middle. Shell and all other metal parts are heavily nickel plated. Heads are selected calfskin. Quality materials and expert workmanship throughout.

No. 43—Size 5" x 14"	} Each	\$45.00
No. 44—Size 6½" x 14"		
Choice of sizes but fully Chromium plated		\$60.00
Choice of sizes with engraved black shell and Chromium plated fittings		60.00

WOOD SHELL

Identical in design to the drum described above, except for the shell which is of solid mahogany in a beautiful hand rubbed and polished finish. The hoops, separate tension key rods, snare control and other metal fittings are heavily nickel plated. Heads are selected calfskin. Especially popular in Deluxe Pearl finishes with Chromium plated metal parts.

No. 53—Size 5" x 14"	} Each	\$45.00
No. 54—Size 6½" x 14"		
Choice of sizes with Chromium plated metal fittings		\$57.00
Choice of sizes with Ludwig Pearl on shell and Nickel plated fittings		59.00
Choice of sizes with Ludwig Pearl on shell and Chromium plated fittings		60.00

SILVER ANNIVERSARY SNARE DRUMS

Standard Models

FEATURES

Internal Tone Control
 Splendid Volume and Power
 New Modern Design

Sensitive Snare Response
 All-Metal Snoppi-Snares
 Sturdy Construction

THE Ludwig Standard Snare Drum has been the standard by which other drums have been judged for twenty-five years, and is the drum on which the Ludwig reputation was founded. In its beautiful new, modern design, sturdier construction, and thrilling performance it sets a new standard of drum excellence.

Heads are tensioned separately with eight key tensioning rods and new modern design tension cases. Snare strainer permits adjustment of snares and has quick throw-off and throw-on. Ludwig All-Metal Snoppi-Snares fit the modern need for sensitive snare response. Internal Tone Control insures tonal perfection.

METAL SHELL

Shell is spun of heavy gauge brass insuring maximum shell strength. The new design reinforcing bead in the middle of the shell adds to the strength as well as the beauty of this new model. Shell and all fittings are heavily nickel plated with Chromium and fancy finishes extra. Batter and snare heads are both of the finest selected Ludwig quality calfskin.

No. 7—Size 5" x 14" } Each **\$35.00**
 No. 8—Size 6½" x 14" }
 Choice of sizes with Chromium plated shell and fittings **\$45.00**
 Choice of sizes with engraved black shell and Chromium plated fittings **45.00**

*6 1/2" x 14" white shell nickel fittings
 Metal shell*

WOOD SHELL

Shell is genuine mahogany finished in its natural beauty. Snare and batter heads are tensioned separately with eight key tensioning rods, and the same fine snare strainer assembly and snare control features prevail on this as on the metal shell model. Snares are the famous Ludwig All-Metal Snoppi-Snares, and heads are finest quality selected Ludwig calfskin. Heavily nickel plated metal fittings.

No. 17—Size 5" x 14" } Each **\$35.00**
 No. 28—Size 6½" x 14" }
 Choice of sizes with Chromium plated metal fittings **\$42.50**
 Choice of sizes with Ludwig Pearl shell and Nickel fittings **42.50**
 Choice of sizes with Ludwig Pearl shell and Chromium fittings **50.00**





LUDWIG PIONEER SNARE DRUM

The Pioneer Snare Drum is the original Ludwig drum with, of course, many improvements since it was first presented in 1910. A sturdy, substantial model at a popular price. Has eight separate tension rods and strong flanged counter hoops. Snare strainer has a convenient throw-off feature, and snares are of coiled wire on a silk core. Fine quality calf heads. Not supplied in display finishes. Size 5" x 14" only.

- No. 17—Metal Shell, size 5" x 14". Shell and all parts heavily nicked \$22.50
 No. 47—Mahogany Shell, size 5" x 14". Nickel plated metal parts 22.50



SPECIAL CONCERT SIZE SNARE DRUM

8 1/2" x 15" Shell

A special size drum recommended for large military concert bands because of its unusual volume and carrying power. Separate tensioned heads with ten key tensioning rods. Snare strainer has snare adjustment and quick throw-off and throw-on. Equipped with Internal Tone Control. All-Metal Snappi-Snares and selected calfskin heads. Not supplied in display finishes. Made on special, non-cancelable, non-returnable order only. Cut snares optional at no extra charge.

- No. 3—Metal Shell, size 8 1/2" x 15". Shell and all parts heavily nicked \$35.00
 No. 26—Mahogany Shell, size 8 1/2" x 15". Nickel plated metal parts 35.00



LUDWIG UNIVERSAL SNARE DRUM

A low priced drum of semi-professional caliber that cannot be surpassed at the price. Made with choice of all-metal or three-ply laminated mahogany shell. Has six separate tension rods, steel counter hoops, convenient throw-off muffler snare strainer, fine quality calfskin heads and quality silk wire wound snares. Not supplied in any of the Ludwig display finishes. All metal parts heavily nickel plated. Size 5" x 14" only.

- No. 12—Metal Shell, size 5" x 14". Shell and all parts heavily nicked \$17.50
 No. 31—Mahogany Shell, size 5" x 14". Nickel plated metal parts 17.50



LUDWIG JUNIOR SNARE DRUM

- This splendid drum is made with a choice of all-metal or mahogany shell and is ideal for the young drummer from 8 to 12 years of age. Heads are tensioned with six thumb-screw rods. Thumb-screw snare strainer, quality snares, and calfskin heads. Nickel plated. Size 3 1/2" x 13" only.
 No. 4395—Metal Shell, size 3 1/2" x 13". Shell and all parts heavily nicked \$10.00
 No. 4396—Mahogany Shell, size 3 1/2" x 13". Nickel plated metal parts 10.00



LUDWIG JUVENILE DRUMS SNARE DRUM

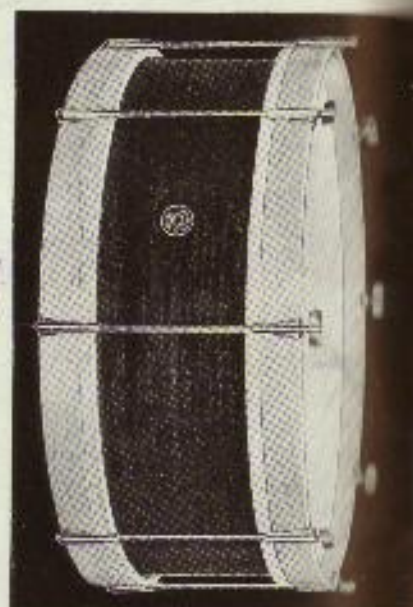
Not a toy, but a drum suited to the needs of the beginner whose age may range from 5 to 9 years. The shell is maple in its natural grain; hoops are lacquered a bright red; new sturdy snare strainer; snares are silk wire, and heads are good grade.
 No. 4315—Juvenile Snare Drum, size 3 1/2" x 12", complete with sticks and sling \$8.00

PARADE DRUM

Correct in proportion and construction this drum has an excellent tone and surprising volume. Popular for use in the Rhythm Band, juvenile band and drum corps, and as an instructional drum for young beginners. Natural maple shell, bright red lacquered counter hoops, thumb-screw tensioning rods, new sturdy snare strainer, silk wire snares and good grade heads.
 No. 4316—Juvenile Parade Drum, size 7" x 12", complete with sticks and sling \$7.50

BASS DRUM

A companion model to the above drums for the Juvenile Cadet Parade Drum shown on page 10 for juvenile and Rhythm Bands. Not recommended for Scotch Bass Drum use. Mahogany shell in natural finish with maple hoops. Eight thumb-screw rods. Good grade genuine calfskin heads. Sicks and sling not included.
 No. 168—Juvenile Bass Drum, size 8" x 22", Mahogany Shell with Maple Hoops. Nickel plated metal parts \$17.00
 For choice of lacquer colors on shell and hoops ... \$1.50 Extra





LUDWIG TRIUMPHAL PARADE DRUM

Recommended for concert, military and marching bands. Responds easily with excellent tone, volume, and carrying power. Used by many prize-winning Drum Corps also.

Low metal counter hoops permit an almost flat downward stroke of the sticks which is a feature. Separate tension allows proper adjustment of both snare and batter heads for best snare response and drum tone. Improved Snare Strainer, and selected Ludwig heads. Gut snares standard or silk-wire snares if ordered specially. Aero-Kraft Mahogany shell in natural finish, or your choice of lacquer colors or Blue and Silver Multi-Color finish. All metal parts Nickel plated.

Sticks and Sling Included

No. 220 Size 12" x 15"
No. 222 Size 12" x 16"
Sizes optional at prices listed below.

With natural finish Mahogany shell (or choice of lacquer colors) and Nickel plated metal parts as described and illustrated	\$35.00
Same, but with Chromium plated metal parts	45.00
With choice of Ludwig Pearl shell and Nickel plated metal parts	47.50
With choice of Ludwig Pearl shell and Chromium plated metal parts	57.50

LUDWIG MULTI-COLOR SHELL FINISH



Blue and Silver Combination
Supplied at no extra cost on
Champion, Triumphal, Drummer
Parade Drums
and on
Adult Tenor and Scotch Style
Bass Drums

For Other Color Combinations:
Snare and Tenor Drums, \$2.00 Extra
Scotch Style Bass Drum, 2.90 Extra

This flashy, new Ludwig finish may be had on any of the Drum Corps drums listed above. The pearl flash inlaid counter hoops greatly enhance the appearance of these drums, and may be had at the slight extra charges shown to the left.

Two contrasting lacquer colors, blue and silver, are used to get the 3-tone effect shown. The blue, which is almost black at gradations, and silver flash hoops complete the effect. Supplied also in green and gold with gold flash counter hoops.

FOR INLAID COUNTER HOOPS
Parade and Tenor Drums, \$1.50 Extra
Scotch Style Bass Drums, 3.00 Extra

the flesh hoops, fuse with the silver into a silver-blue tone near the middle of the shell. The middle of the shell is silver. Polishing brings out the color gradations, and silver flash hoops complete the effect. Supplied also in green and gold with gold flash counter hoops.

LUDWIG CHAMPION PARADE DRUM

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

Each head is tensioned separately with the separate tension double hook clamp rods which distribute the tension over a greater hoop surface and keep the heads uniformly tight. Gut snares standard, or silk-wire on special order, Wm. F. Ludwig Selected heads. All metal fittings heavily nickel plated. Available in Blue and Silver Multi-Color or other lacquer finishes at no extra charge.

Sticks and Sling Included



No. 237 Size 12" x 15"
No. 239 Size 12" x 16"
Sizes optional at prices listed below.

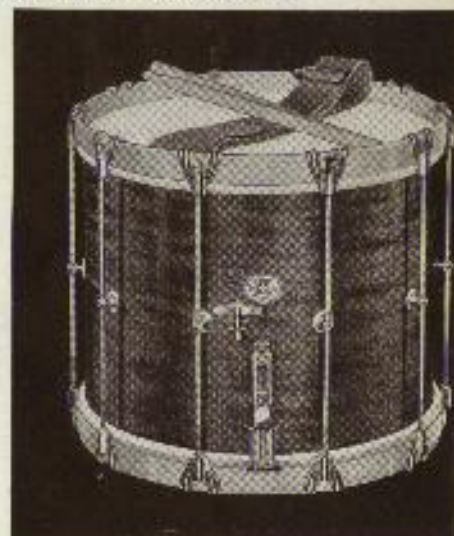
Mahogany shell and Maple hoops in natural finish, with Nickel fittings (or choice of lacquer colors)	\$32.50
Mahogany shell and Maple hoops (or choice of lacquer colors) with Chromium fittings	42.50
With choice of Ludwig Pearl shell and Nickel plated fittings	45.00
With choice of Ludwig Pearl shell and Chromium plated fittings	55.00

LUDWIG DRUMMER PARADE DRUM

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

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

Sticks and Sling Included



No. 253 Size 12" x 15"
No. 255 Size 12" x 16"
Sizes optional at prices listed below.

With Mahogany shell and Maple hoops in natural finish (or your choice of lacquer colors) and Nickel plated metal parts	\$37.50
Same, but with Chromium plated metal parts	37.50
With choice of Ludwig Pearl shell and Nickel plated metal parts	40.00
With choice of Ludwig Pearl shell and Chromium plated metal parts	50.00

New Spread Snare Strainer



All Ludwig Parade Drums on this page, are equipped with the new heavier gauge snares and new type strainer illustrated above. With this type strainer there is no possibility of the snare bunching or bending, and a clearer, sharper, better tone is secured at all times with greater volume and easier playing. The illustrations above and to the left show the perfect alignment of the snares.



LUDWIG JUNIOR IMPERIAL PARADE DRUM

A very popular model for Drum Corps, particularly Junior Corps, because of its size—10"x14"—and light weight. An easy speaking drum with excellent tone, and ample power and volume for exacting work. Improved snare strainer with heavy gauge snares assures superb snare response, clear, sharp tone and exceptional carrying power.

Sturdily made with Aero-Kraft shell of genuine Mahogany and Maple hoops in natural grain finish. Available, however, with choice of lacquer colors (or Multi-Color finish) at slight additional charge. Eight strong double hook clamp rods with double center support studs. Made with separate tension which assures proper adjustment of both snare and batter heads for best snare response and drum tone. Heavily nickel plated metal parts. Heavy wire-wound silk snares and Selected Ludwig heads are standard.

Sticks and sling included.

No. 260—With natural finish Mahogany shell and Maple Hoops and Nickel fittings\$25.00

For choice of lacquer colors on shell and hoop (or Blue and Silver Multi-Color) add to above prices\$1.50 Extra



LUDWIG ECONOMY PARADE DRUM

This is an exceptionally fine quality instrument at a really remarkable price, because it has the tonal qualities, volume, and features of similar size drums selling at considerably higher prices. The highly polished laminated Mahogany shell combines strength with light weight. Counter hoops are natural finish Maple. Ten single tension, double hook clamp rods with center support studs are of high quality pressed steel heavily nickel plated. Sturdy snare strainer with silk wire wound snares. Best grade genuine calfskin heads.

Made in one size only—10"x15". Natural finish Mahogany shell and Maple hoops is standard but choice of lacquer colors on shell and hoops may be had at slight additional cost as listed below.

Sticks and sling included.

No. 255—With natural finish laminated Mahogany shell, Maple counter hoops and nickel plated fittings\$20.00

Same, but choice of lacquer colors on shell and hoops\$1.50 Extra

10" x 15" Size Only

LUDWIG JUNIOR PARADE DRUM

Also Recommended for Ladies' Corps

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

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

Excellent snare response, fine quality drum tone, ample volume, and exceptional carrying power recommend this drum for general all-round use. Sturdily built to insure long satisfactory service.

Made with single key tension double hook clamp rods, with heads easily tensioned from the top. Available with or without center support studs. The addition of center support studs gives greater strength and sturdiness and is well worth the slight additional cost.

Shell is genuine Mahogany and may be had in its natural finish or in choice of lacquer colors at small extra cost. Hoops are Maple finish in natural grain. Improved snare strainer, wire-wound silk snares and quality calf Ludwig heads are standard. All metal fittings heavily nickel plated.

Sticks and sling included.

No. 258—With natural finish Mahogany shell, Maple hoops and Nickel plated fittings. WITHOUT CENTER SUPPORT STUDS\$16.00

No. 257—Same as above WITH CENTER SUPPORT STUDS\$17.50

For choice of lacquer colors on shell and hoops, add to above prices\$1.50 Extra



With Center Supports



Without Center Supports

One Size Only—10" x 14"

The Junior Scotch Style Bass Drum and Junior Tenor Drum shown on the opposite page are recommended to be used in Junior Drum Corps with this model Parade Drum.



JUVENILE CADET PARADE DRUM

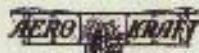
This drum is recommended for small Cub Scouts, and School Corps where ages range from eight to twelve years. Light in weight and easy to play. Genuine Mahogany shell, Maple counter hoops, improved Snare Strainer, wire-wound silk snares, and quality calf heads are standard. Size 9" x 13" only.

Sticks and slings included.

No. 4355—Juvenile Cadet Parade Drum as illustrated and described, size 9" x 13" ..\$13.50

For choice of color on shell and hoops, add 1.50

LUDWIG TENOR DRUMS



SHELL CONSTRUCTION

Tenor Drums, with their "tenor" voice, unite the sharp tone of the snare drums with the deep bass drum tone, and add much to the musical quality of the modern Drum Corps. Then, too, the picturesque manner of Tenor Drum playing with its graceful stick twirling and figurations give added "dash" and color to the corps both on parade and in concert formation. Tenor Drums are played with felt or lamba wool beaters and are used in a full rank of four in front of the snare drums, and immediately behind the Drum Major. Ludwig Tenor Drums, made in both separate and single tension, combine an 18" head surface with a 12" shell depth and two perfectly matched white calfskin heads to give the characteristic Tenor Drum tone. Tenor Drums do not have snares. Shells are laminated Aero-Kraft mahogany construction. Maple counter hoops and double-claw hook rods. Heads are finest matched white Ludwig select calfskin.

Sticks and Sling Included.

SINGLE TENSION

No. 2855—12" x 18", with Mahogany (or choice of lacquer colors, or Blue and Silver Multi-Color) Shell, and Nickel Plated metal parts \$32.50
For Chromium Plated Metal Parts add \$10.00 Extra
For Choice of Pearl Shell and Inlaid Counter Hoops add 12.50 Extra

SEPARATE TENSION

No. 2856—12" x 18", with Mahogany (or choice of lacquer colors, or Blue and Silver Multi-Color) Shell, and Nickel Plated Metal Parts \$37.50
For Chromium Plated Metal Parts add \$10.00 Extra
For Choice of Pearl Shell and Inlaid Counter Hoops add 12.50 Extra

JUNIOR TENOR DRUM

The widespread use of Tenor Drums in adult corps has created a demand for a similar drum in a smaller size for junior corps. Ideally suited for this use is the 10" x 15" Junior Tenor Drum which is constructed exactly like the No. 2855 with double claw hook rods, mahogany shell, maple counter hoops and matched white calfskin heads. Naturally, it has no snares. Matches Nos. 280 and 258 Parade Drums on page 18 and the Scotch Bass Drum on this page—all fine toned, light, easy-to-carry drums for corps whose members' ages are between 12 and 18 years. Made in single tension only, and supplied with sticks and sling.

Sticks and Sling Included

No. 259—10" x 15", Mahogany Shell, Maple Hoops and Nickel rods \$22.50
For choice of lacquer colors on shell and hoops \$1.50 Extra



No. 2898

Complete instruction in Tenor Drum playing is included in the 84 pp. Ludwig Drum Corps Guide. See page 48.

LUDWIG SCOTCH STYLE BASS DRUMS



SHELL CONSTRUCTION

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

Aero-Kraft Mahogany shell and Maple hoops are standard, or your choice of lacquer colors will be supplied at no extra cost. Made in single or separate tension with double hook clamp rods and center supports heavily nicked. Quality beads.

Sticks, Sling and Instructor Included

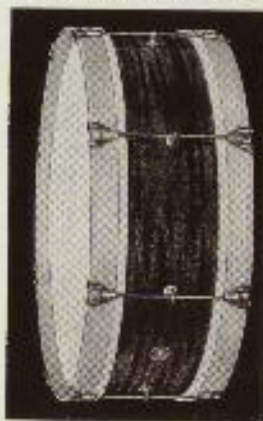
SINGLE TENSION

No. 2863—12" x 30" Shell size \$44.50
No. 2862—10" x 30" Shell size 42.50
No. 2861—10" x 28" Shell size 40.50
No. 2860—8" x 28" Shell size 38.50
Pearl Shells \$25.00 Extra
Chromium Parts 10.00 Extra

SEPARATE TENSION

No. 863—12" x 30" Shell size \$52.00
No. 862—10" x 30" Shell size 50.00
No. 861—10" x 28" Shell size 48.00
No. 860—8" x 28" Shell size 47.00
Pearl Shells \$25.00 Extra
Chromium Parts 12.50 Extra

JUNIOR SCOTCH STYLE BASS DRUMS



Parade Drums Nos. 260 and 258, on page 18, and Tenor Drums, No. 259, on this page, are recommended for use with this drum for Junior Drum Corps work.

Here, at last, is an authentic Scotch Style Bass Drum that is designed especially for Junior Drum Corps work—a drum that is identical in appearance and construction to the drum shown above which has long been a favorite with adult corps.

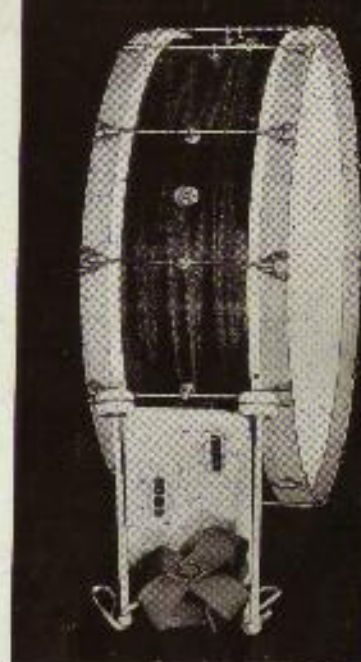
The narrow shell, smaller size and resulting light weight makes this an easy drum to handle even on long parades. You can see where you are going with this drum, can execute all the difficult maneuvers without the least bit of trouble, and all danger of bruising the knuckles and catching the sleeve cuffs while playing is eliminated because there are no protruding thumbscrews.

These drums are standard with genuine mahogany shells, maple counter hoops and Nickel plated rods with double claw hooks on both sides. Heads are fine matched white calfskin. Drums have a heavy ring securely fastened to the middle of the shell by which they are hooked to the sling. Made only in single tension.

Sticks and Sling Not Included

SINGLE TENSION PIONEER MODEL

No. 773—Size 8" x 24". Mahogany Shell, Maple Counter Hoops and Nickel plated Rods (8 to 12 years) \$24.50
No. 775—Size 8" x 28". Mahogany Shell, Maple Counter Hoops and Nickel plated Rods (12 to 18 years) 26.50
No. 777—Size 8" x 28". Mahogany Shell, Maple Counter Hoops and Nickel plated Rods (16 years or older) 36.00
For choice of lacquer colors on shell and hoops \$1.50 Extra



Made in both single and separate tension. Single tension model illustrated above. Available with choice of lacquer colors on shell and hoops or Blue and Silver Multi-Color at an additional cost.





LUDWIG AERO-KRAFT SHELL CONSTRUCTION

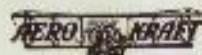


Warping and splitting prevented, strength, lightness, rigidity, and ability to hold a true round—these are the features of Ludwig Aero-Kraft Drum Shells. Three layers of wood, cross banded to equalize the strain from all sides, make these shells stronger, truer, and more durable than solid wood shells. The strength and rigidity of a bass drum shell determines its ability to hold a true round which in turn determines the fullness and

resonance of the bass drum tone. The Ludwig Aero-Kraft shell construction insures this strength and rigidity and highest quality.

Ludwig Aero-Kraft shells are used for all Standard and Artist's model bass drums, adult Scotch Style Bass Drums, and Tenor Drums, and for Parade Drums, Nos. 220, 237, 260 and 263. Standard model bass drums are also available with five-ply laminated shells on special order. Write for prices.

LUDWIG STANDARD BASS DRUM



SHELL
CONSTRUCTION



MONSTER BASS DRUMS



Ludwig Monster Bass Drums are the big hit of the parade everywhere. Used in connection with your Lodge, Society, High School, University or Legion Post Band, or Drum Corps, they compel attention of the audience. Valuable as a publicity or advertising stunt on many occasions. In many cases the cost of the drum can be paid by renting it to other organizations for special events. These drums are standard with mahogany shells, but may be had with choice of colors on shell and hoops. Easy to handle and play. Separate tension heads with tympani handle rods mounted on double support lugs. Quality steer hide heads (calfskin are too small). Available in the following sizes. Write for prices.

Code Names and Sizes

Sandow†	18" x 36"	Titan†	20" x 48"
Thunderer†	20" x 40"	Gigantic†	22" x 80"
Leviathan†	22" x 72"		

CARRIAGES—Sold Only With Drums

- No. 99—Two-wheel steel carriage with wire-spoke, ball-bearing, rubber-tired wheels for drums up to 60" diameter, with straps and wrench, complete Prices on Request
- No. 99½—Four-wheel steel carriage, same as above but for drums more than 60" diameter, complete with straps, and wrench Prices on Request

FEATURES

Full Resonant Tone
Standard Aero-Kraft Construction
Genuine Mahogany Shell

Solid Tympani Handles
Strong Separate Tension Lugs
Matched Selected Heads

The Ludwig Standard Bass Drum is a quality bass drum with the standard three-ply Aero-Kraft laminated shell construction insuring good tone strength and light weight. This model is made only in separate tension insuring even tension of both the heads. Drums are standard with Mahogany shells finished in their natural grain and hoops in natural Maple; or Black ebonyized or White enamel

shells and hoops may be had at no extra charge.

Separate tension rods are equipped with solid tympani type handles and strong separate tension lugs. Fittings are heavily Nickel plated. Heads are selected and matched calfskin. These drums are also supplied with key tensioning rods instead of tympani handle rods and equipped thus are ideal hand drums.

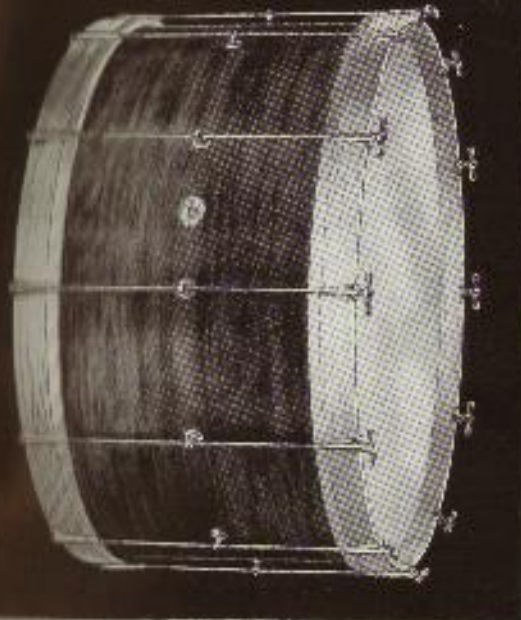
SEPARATE TENSION ONLY

Cat. No.	Shell Size	Recommended For Use In	Nickel Fittings	Chromium Fittings
No. 105	14" x 28"	Standard Orchestra	\$47.50	\$60.00
No. 107	14" x 30"	Small Band	51.00	63.50
No. 108	16" x 35"	Large Orchestra	52.00	64.50
No. 112	16" x 32"	Large Band	55.00	68.50
No. 116	16" x 34"	Symphony	63.00	75.50

Sticks and Sling Not Included.

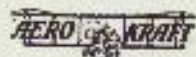
For choice of Ludwig Pearl on shell, up to 14" x 30", add to above prices \$25.00 Extra
Above drums with key tension rods for hand use at same prices as above.

NOTE: Ludwig Standard Bass Drums are available with Five-ply Aero-Kraft shells on special order only. Write for prices on size desired.



LUDWIG

ARTIST'S BASS DRUM



SHELL CONSTRUCTION

FEATURES

Genuine Mahogany Shell Hand Rubbed Finish
 Solid Tympani Handles Strong Center Support Studs
 Selected Calfskin Heads

THIS is one of the most popular bass drums for professional work because it is adapted to general all around requirements. Shell is Aero-Kraft construction, of genuine Mahogany. The center support studs and tympani type tensioning handles are features that combine easy tensioning with a strong rod support. Mahogany shell is regular but black ebonized, or white enamel shells supplied at no extra cost. Heads are selected calfskin. Particularly adapted to the Ludwig Pearl shell finishes when fittings are in beautiful Chromium plating.

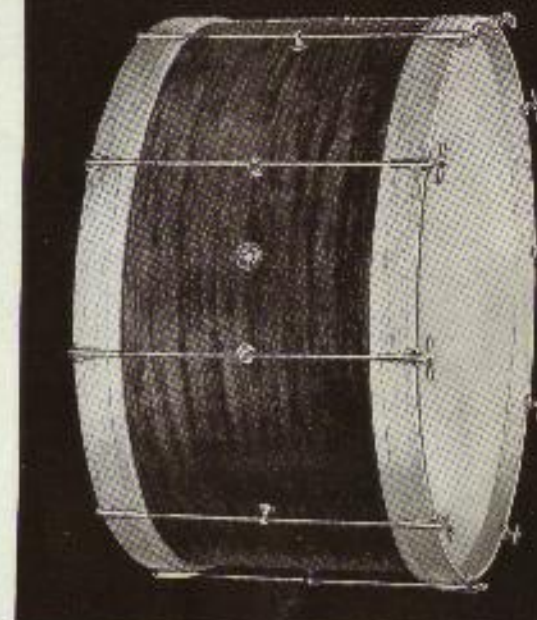
SINGLE TENSION ONLY

Cat. No.	Shell Size	Recommended For Use In	Nickel Fittings	Chromium Fittings
No. 203	14" x 28"	Standard Orchestra	\$35.00	\$45.00
No. 206	14" x 30"	Small Band	38.00	48.00
No. 207	16" x 30"	Large Orchestra	39.00	49.00
No. 210	15" x 32"	Large Band	43.00	53.00
No. 213	16" x 34"	Symphony	47.00	57.00

Sticks and Sling Not Included.

For choice of Ludwig Pearl Shell finishes add to above prices \$25.00 Extra

Rope Tension models available at same prices.



LUDWIG

PIONEER BASS DRUM

Mahogany Shell **FEATURES** Tympani Style Rods
 Quality Heads

STURDILY built of quality materials and carefully assembled, Pioneer Bass Drums are excellent for small school bands and the drummer pupil. Mahogany shells, maple counter hoops, and quality heads. Tympani style center support stud rods.

SINGLE TENSION ONLY

Cat. No.	Shell Size	Recommended For Use In	Nickel Fittings
No. 760	12" x 24"	Juvenile Orchestra	\$24.00
No. 762	12" x 26"	Jobbing Dance Orchestra	26.00
No. 766	14" x 28"	Standard Orchestra	30.00
No. 789	14" x 30"	Small Band	33.00
No. 770	16" x 30"	Large Orchestra	34.00

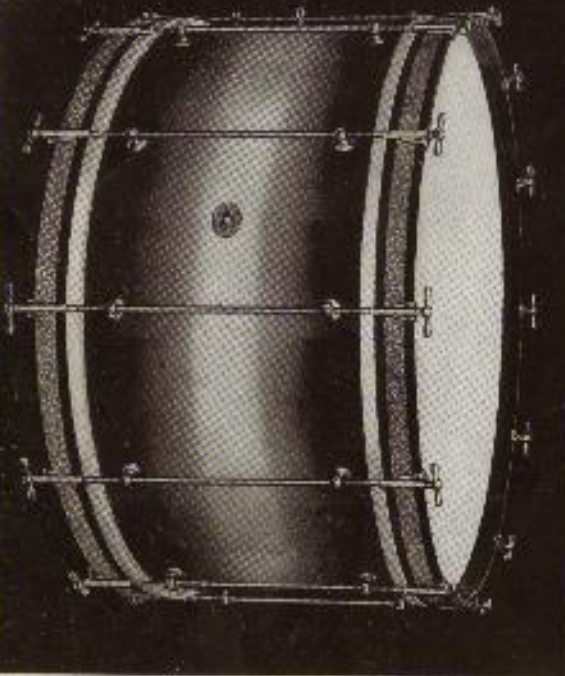
Sticks and Sling Not Included.

For choice of lacquer colors on shell and hoops \$2.00 Extra
 Pioneer Bass Drums cannot be supplied with painted head scenes or pearl shells.

PIONEER "TANGO" MODEL BASS DRUM

Made in 10" x 24" size, this model is ideally suited to junior orchestra and child rhythm band use because of its small size, light weight and moderate price. Genuine mahogany shell, quality calfskin heads and nickel plated metal parts. Not suited for Scotch Bass Drum use. Sticks and sling not included.

No. 757—With Mahogany shell, Maple hoops and Nickel fittings \$20.50
 For choice of lacquer colors on shell and hoops \$2.00 Extra



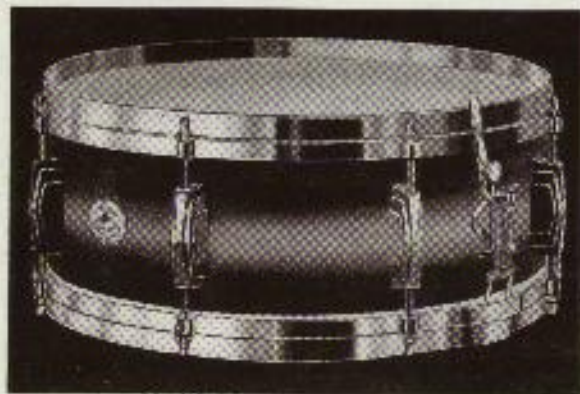
MULTI-COLOR SHELL FINISH

This is a lacquer finish dexterously applied to give an entirely new and distinctive effect. Two contrasting colors are used to get the three-toned finish illustrated here—blue and silver. The blue, which is almost black at the flash hoops, gradually fuses with the silver in a beautiful silver-blue tone as it approaches the middle of the shell. As the blue diminishes the silver gains strength until it appears as a pure color halfway between the hoops. Skillful rubbing and polishing bring out the marvelous color gradations and impart a beautiful high lustre to the drum shell. With counter hoops inlaid with silver flash pearl as illustrated the ultimate in beauty is attained.

Silver and Blue Combination
Supplied at no Extra Cost on
Super-Sensitive, Super-Ludwig,
and Standard Snare Drums
(Wood Shell)
and on Standard and Artist's
Bass Drums

Other Color Combinations:
Green and Gold; Green and Silver;
Red and Silver; Black and Silver
Snare Drums \$2.00 Extra
Bass Drums \$3.00 Extra

Inlaid Counter Hoops
For choice of pearl flash inlay on bass
drum counter hoops \$3.00 Extra



Millstream
Scene



Balloon
Dancer



Dutch
Windmill



Spanish
Dancers



Mountain
and Lake

LUDWIG PAINTED DRUM HEAD SCENES

Ludwig color scenes are hand printed by artists skilled in this particular work. Thoroughly waterproof so they can be washed without fear of spalling or smudging. Fully transparent to permit use on blinker lights inside the drum. Available for Standard and Artist's models Ludwig bass drums in 26", 28" and 30" sizes only, at prices listed below. Special painted scenes, designs or lettering on special order only. Write for prices submitting sketch and giving size of drum head.

No. 132—Choice of color scenes illustrated, add to the price of drum \$10.00 Extra

NOTE: If ordered separately, to this price add cost of Selected Whitecell head, bass drum flash hoop, and tucking of head. See pages 46-47 for these prices.

BASS DRUM BLINKER LIGHTS

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

LUDWIG CHROMIUM PLATING

Chromium plating has proved a boon to the drummer for it is the ultimate in plating—a plating with a highly reflective, blue-white brilliance that is not affected by moisture, atmospheric conditions, or the usual corrosive properties. It is a lifelong plating, being second only to diamond in hardness, and it will not crack, flake, or peel. Easy to keep clean, too. Merely wiping with a damp, soft cloth will restore its original lustre, and it will NOT rust or tarnish. Most metal items in this catalog can be had with Chromium plating,—why not use it for greater beauty and satisfaction?

CLASSIC-GOLD FINISH

A gold-like plating supplied on Ludwig Metal Shell drums, drum fittings and metal accessories. Largely supplanted by Chromium plating because of greater durability and lasting properties. However, if desired, any item in this catalog listed in Chromium finish can be had in Classic Gold on special, non-cancelable order only at the same price as Chromium finish.

WHITE AVALON PEARL DRUMS

Avalon Pearl—white-bright and showy, is at the same time dignified, and is richly appropriate in any setting. Its surface and markings reflect the light and colors of its surroundings with an iridescence that is impossible to describe but breathtaking lovely to behold. The faint bluish tinge of Chromium plated fittings adds a final touch of striking beauty and distinction.

This beautiful finish is available for Super-Sensitive, Super-Ludwig, and Standard wood shell snare drums, and Standard and Artist's bass drum at slight additional cost as listed below. A complete outfit with snare and bass drum in Avalon Pearl is illustrated on the opposite page.

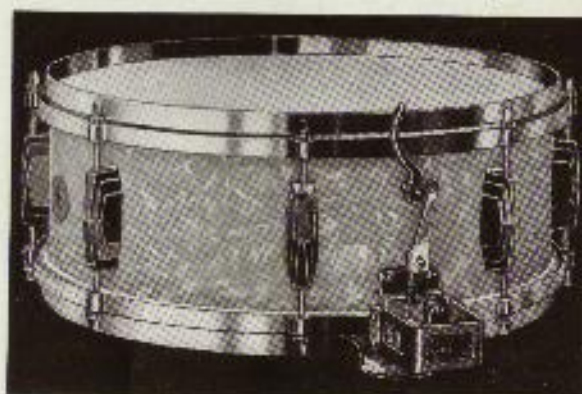
PRICES

Snare Drums

White Avalon Pearl for any size Super-Sensitive, Super-Ludwig, or Standard wood shell drums, add to Mahogany shell price of either nickel or chromium fittings \$7.50 Extra
(See pages 13, 14, 15)

Bass Drums

White Avalon Pearl Shell and inlaid counter hoops for Standard or Artist's bass drums up to 14"x30" size, add to price of either nickel or chromium fittings \$25.00 Extra
(See pages 20, 21)





SUPER-LUDWIG DELUXE DRUM OUTFIT

Here is one of the finest and snappiest outfits that has ever been assembled: an outfit of high professional quality with the drums finished in gleaming White Super Avalon Pearl. This outfit has everything—Tompe Blocks, and Mallets, Trap Table, Tom-Tom, Cymbals, Castanets, Jazz Sticks, Bass Drum Muller, Ludwig New Speed Pedal, new Super-Ludwig "Silver Anniversary" snare drum and bass drum finished in beautiful New White Avalon Pearl, with all fittings heavily nickel plated.

Complete Outfit Consists of:

14"x29" Single Tomtom Artist's Bass Drum in White Avalon Pearl.
8"x14" Super-Ludwig Snare Drum in White Avalon Pearl.
Professional Snare Drum Stand.
New Ludwig Speed Pedal.
Bass Drum Spurs.
Trap Table complete with Cymbal Arms and Cymbal Adapters.
10" Stanople Cymbal.
12" Stanople Cymbal.

Bass Drum Tompe Block Rack and complete set Ludwig Tompe Blocks.
10" Chinese Tom Tom.
Chinese Tom-Tom Holder.
Bass Drum Muller.
8" Professional Tambourine.
One Pair Castanets on Handles.
One Pair Soft Rubber Head Mallets.
One Pair Snyco-Jazz Brushes.
One Pair Ludwig Blue End Sticks.
Ludwig Elementary Drum Method.

No Substitutions or Omissions

No. 1160PV2—Super-Ludwig Deluxe Outfit as described and illustrated, with drum fittings and all accessories heavily Nickel Plated, complete **\$179.50**



SUPER LUDWIG PROFESSIONAL DRUM OUTFIT

This is a truly fine outfit made up of all standard Ludwig professional instruments, and assembled with professional care and skill by men who know the needs of the modern drummer. Bass and snare drums are beautifully finished in sparkling Green Flash Pearl with nickel plated trimmings. The snare drum is the new Super-Ludwig "Silver Anniversary" model offering you modern beauty and thrilling performance. Here is a really "big time" quality outfit that will be difficult to duplicate anywhere at the moderate price offered here.

Complete Outfit Consists of:

14"x29" Single Tomtom Artist's Bass Drum in Green Flash Pearl.
8"x14" Super-Ludwig Snare Drum in Green Flash Pearl.
Professional Snare Drum Stand.
New Ludwig Speed Pedal.
Bass Drum Spurs.
Two-Tone Wood Block.
Two-Tone Wood Block Holder.
10" Chinese Tom-Tom.
Chinese Tom-Tom Holder.

10" Stanople Cymbal.
12" Stanople Cymbal.
Two Ludwig Cymbal Holders with Tip Adapters.
Bass Drum Muller.
8" Professional Tambourine.
One Pair Castanets on Handles.
One Pair Snyco-Jazz Brushes.
One Pair Ludwig Blue End Sticks.
Ludwig Elementary Drum Method.

No Substitutions or Omissions

No. 1161PG7—Super-Ludwig Professional Outfit as described and illustrated with nickel plated drum fittings and accessories, complete **\$149.50**

SPECIAL NOTICE—The above Pearl outfits may be had also with any other standard Ludwig Pearl or Flash, on special order at no extra cost. Slight delay on delivery, however.



LUDWIG PROFESSIONAL DRUM OUTFIT

This is a highly popular outfit made up of standard Ludwig professional equipment and offered at a price that is within the reach of all. New items can be added as the need, or desire, arises. Bass and snare drum are finished in beautiful Black Avalon Pearl, though the outfit is also priced with drums with regular mahogany shells. Nickel plated fittings and accessories.

Complete Outfit Consists of:

- | | |
|--|--|
| 14"x22" Single Tension Artist's Bass Drum in Black Avalon Pearl. | Two-Tone Wood Block Holder. |
| 8"x14" Ludwig Standard Snare Drum in Black Avalon Pearl. | 10" Chinese Tom-Tom. |
| Professional Snare Drum Stand. | Chinese Tom-Tom Holder. |
| Ludwig Original Foot Pedal. | 12" Searable Cymbal. |
| Bass Drum Spurs. | Ludwig Cymbal Holder with Tip Adapter. |
| Two-Tone Wood Block. | Beck Drum Moller. |
| | One Pair Sync-Jax Brushes. |
| | One Pair Ludwig Blue Box Sticks. |

Ludwig Elementary Drum Method.

No Substitutions or Omissions

No. 1162PBV—Ludwig Professional Outfit as illustrated and described, with nickel plated fittings and accessories, complete **\$129.50**

No. 1162—Same outfit, but with Mahogany Shell Bass and Snare Drums, complete **97.50**



LUDWIG MULTI-COLOR DRUM OUTFIT

This black and white reproduction gives but a slight idea of the striking beauty of this splendid outfit with the drums finished in the highly popular new blue and silver Ludwig Multi-Color finish. (Larger individual illustrations of both snare and bass drums are shown on page 22.) Only the most essential items are included both to keep the outfit at a low price and to permit the purchaser to select whatever additional items he may want to add to it.

Complete Outfit Consists of:

- | | |
|--|--------------------------------------|
| 14"x22" Single Tension Artist's Bass Drum with blue and silver Multi-color shell and nickel plated metal fittings. | Bass Drum Spurs. |
| 8" x 14" Ludwig Standard Snare Drum to match. | Two-Tone Wood Block Holder. |
| Snare Drum Stand. | 10" Searable Cymbal. |
| Ludwig New Speed Pedal. | Cymbal Holder with Tip Adapter. |
| | Bass Drum Moller. |
| | One Pair Sync-Jax Brushes. |
| | One Pair Ludwig Biokory Drum Sticks. |

Ludwig Elementary Drum Method.

No Substitutions or Omissions

No. 1163BL—Ludwig Blue and Silver Multi-Color Outfit as illustrated and described, with nickel plated fittings and accessories, complete **\$92.50**

With Silver Flash Pearl inlay on bass drum hoops, add **\$3.00 Extra**

White Avalon Pearl



Abalone Pearl



Black Avalon Pearl



Illustrations approximately half size

Beck, Toronto, Ont.



LUDWIG MARVEL DRUM OUTFIT

Everything its name implies—a marvel in quality, completeness, beauty and in price. May be had with drums in either jet black or as illustrated, in natural mahogany finish, or in gleaming white.

Complete Outfit Consists of:

18"x26" Pioneer Single Tension Bass Drum, Jet Black Shell.	12" Chinese Tom-Tom, Chinese Tom-Tom Holder.
14"x14" Pioneer Snare Drum to match.	11" Sizzle Cymbal.
Snare Drum Stand.	Cymbal Holder with Tip Adapter.
Ludwig Junior Foot Pedal.	Bass Drum Muffler.
Bass Drum Spurs.	One Pair Sycamo-Jazz Brushes.
Two-Tone Wood Block.	One Pair Ludwig Hickory Drum Sticks.
Two-Tone Wood Block Holder.	Ludwig Elementary Drum Method.

No Substitutions or Omissions

No. 1164B]—Ludwig Marvel Outfit as illustrated and described, with nickel plated fittings and accessories, complete	\$75.00
No. 1164D]—Same Outfit, but with White Shell Bass and Snare Drums, complete	75.00
No. 1164]—Same Outfit, but with Mahogany Shell Bass and Snare Drums, complete	75.00



LUDWIG TANGO DRUM OUTFIT

An excellent outfit, smaller than a professional outfit, with everything that is needed for home and school playing, or small playing jobs. Nothing that is not essential is included in this set-up, so the young drummer can select additional traps, etc., as he needs them. Complete and substantial in every way.

Complete Outfit Consists of:

8"x24" Pioneer "Tango" Model Bass Drum with Mahogany Shell.	Two-Tone Wood Block.
14"x13" Junior Snare Drum with Mahogany Shell.	Two-Tone Wood Block Holder.
Junior Snare Drum Stand.	12" Chinese Crash Cymbal.
Junior Foot Pedal.	Cymbal Holder with Tip Adapter.
Bass Drum Spurs.	One Pair Ludwig Hickory Drum Sticks.

Ludwig Elementary Drum Method. No Substitutions or Omissions

No. 1166]—Ludwig "Tango" Drum Outfit as illustrated and described, with nickel plated fittings and accessories, complete	\$45.00
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LUDWIG JUNIOR DRUM OUTFIT

A fine, substantial and practical outfit for the young drum enthusiast from seven to twelve years in age. Both the drums and other items are quality instruments made to the usual high Ludwig professional standards. An outfit which will give any child an excellent start in his musical education.

Complete Outfit Consists of:

8"x22" Universal Bass Drum with Maple Shell and red lacquered hoops.	Bass Drum Spurs.
14"x12" Juvenile Snare Drum with Maple Shell and red lacquered hoops.	Two-Tone Wood Block.
Juvenile Drum Stand.	Two-Tone Wood Block Holder.
Junior Foot Pedal.	10" Chinese Crash Cymbal.
	Juvenile Cymbal Holder.
	Cymbal Suspender.
	One Pair Ludwig Hickory Drum Sticks.

Ludwig Elementary Drum Method. No Substitutions or Omissions

No. 1167]—Ludwig Junior Drum Outfit, as illustrated and described, with nickel plated fittings and accessories, complete	\$35.00
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Silver Flash Pearl



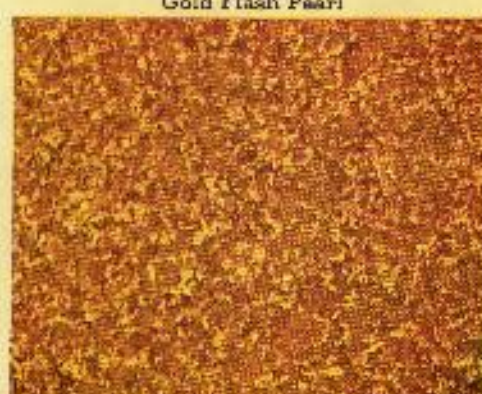
Red Flash Pearl



Green Flash Pearl



Gold Flash Pearl





LUDWIG ABALONE PEARL DRUMS



SHELL
CONSTRUCTION

HERE, truly, is a glorified reproduction of the finest mother-of-pearl in all its loveliness—silver swirls and dips enlivened by delicate iridescent purples, blues, greens, yellows, reds and golds against a black background which is just prominent enough to give the Pearl the necessary character and strength that makes it the outstandingly beautiful creation that has made it so popular.

The Abalone Pearl shell drum shown above is the Artist's Single Tension, Center Support

Base Drum with Nickel fittings. The counter hoops are inlaid with a strip of the Abalone Pearl which give the drum an added note of beauty and distinction.

The Abalone Pearl shell finish may be had on Standard or Artist's Bass Drums with Ludwig Super-Sensitive, Super-Ludwig or Standard snare drums to match at the extra prices listed where these drums are shown, and in pearl shell drum outfit shown on pages 23 and 24.

No. 203PA—Artist's Bass Drum, 14" x 28", as illustrated and described, with Nickel plated fittings \$60.00
No. 203KPA—Same, but with Chromium plated fittings 70.00

THE SNARE DRUM TO MATCH

The new Ludwig "Silver Anniversary" Snare Drums, when finished with the new Abalone Pearl shell, will give you the basis for an outfit of unexcelled appearance and utility.

The prices shown below are for the Super-Ludwig snare drum—prices for the other models are as per the listings on pages 13 and 15—finest and most beautiful of drums.

No. 53PA—Super Ludwig Snare Drum, size 5" x 14", with Abalone Pearl shell and Nickel plated fittings \$52.50
No. 53KPA—Same, but with Chromium plated fittings 55.00

LUDWIG PARADE DRUMS IN PEARL SHELL AND LACQUER COLOR FINISHES



These four illustrations show a few of the many beautiful pearl shell finishes and lacquer color combinations available on Ludwig Parade Drums. The drum shown is No. 237, Champion Parade Drum, and illustrates the following finishes, reading from top to bottom:

First: Gold Flash Pearl shell, with Green Flash Pearl inlaid hoops, and Chromium plated fittings.

Second: White Avalon Pearl shell with matching inlaid counter hoops, contrasting Gold and Green Flash Pearl diamonds, and Chromium plated fittings.

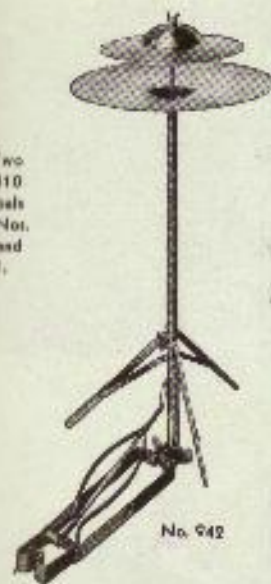
Third: Lacquered shell and hoops in V.F.W. colors with Emblem transfer and Chromium plated fittings.

Fourth: Lacquered shell and hoops in American Legion colors with Emblem transfer and Chromium plated parts.

Prices for Pearl or lacquer finishes on Parade Drums are listed under the respective drums on pages 17 and 18.

LUDWIG FOOT CYMBALS, CHINESE CYMBALS AND GONGS

Use Two
No. 410
Cymbals
With No.
942 and
941.



No. 942

HIGH-HAT SOCK PEDAL
Cymbals are 36 inches from the floor in a position where the drummer can play rhythms on them with his sticks. Excellent for working up crescendos and for on or after beats with the bass drum. Two No. 410 Ludwig Deep Cup Cymbals are recommended for use with this pedal. Folds compactly into a very small space and is light in weight.

Cymbals not included.

No. 942 — High Hat Sock Pedal, Nickel \$ 8.50
No. 942K — Same, but in Chromium 13.00



No. 941

LOW SOCK PEDAL
Identical in operation with the High-Hat Sock Pedal described above but places the cymbals about 9 inches from the floor. Its uses are similar also but cymbals cannot be used for stick rhythms. Played with the left foot. Folds into a small space and is light in weight.

Cymbals not included.

No. 941 — Low Sock Pedal, Nickel \$5.00
No. 941K — Same, but in Chromium 8.00

"SNOWSHOE" PEDAL

So named because of its similarity to snowshoes in appearance, and the first of the left-foot cymbal pedals to be made. Sturdily built of wood in ebonyized finish, with web foot strap, and strong spring hinge that will give lots of service. Price includes two 10" brass cymbals as illustrated.

No. 940 — "Snowshoe" Pedal including two 10" cymbals as illustrated \$5.50

CHINESE JAZZ CYMBALS

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

No. 408 — 6", each \$1.75
No. 409 — 10", each 2.00

CHINESE GONGS

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

No. 455 — 14" diameter \$ 7.00
No. 455½ — 16" diameter 8.50
No. 456 — 18" diameter 10.00
No. 457 — 20" diameter 12.00
No. 458 — 25" diameter 18.00

CHINESE GONG STANDS

No. 989 — Special Gong Stand as illustrated at the right. Extra strong construction with heavy ring and telescopic posts with sturdy base. Heavily nickel plated with black base \$12.50

Note: Give size of gong when ordering Gong Stand

CHINESE CYMBALS

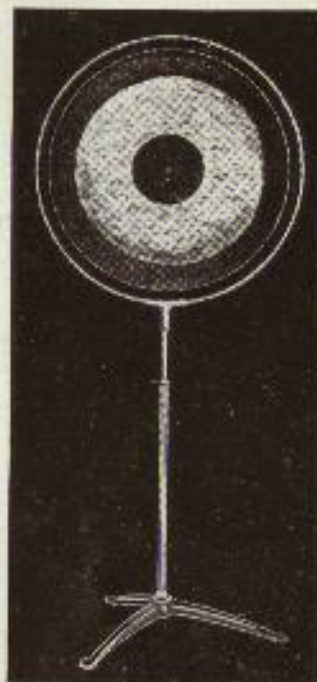
Handhammered, finely tempered, and of good quality. These cymbals are especially desirable because of their brilliant "crash" tone, whanging and peculiar sound which you often hear.

No. 442 — 12", each \$2.50
No. 459 — 13", each 3.00
No. 454 — 14", each 3.50
No. 460 — 15", each 4.00
No. 461 — 18", each 7.00

BOCK-A-DA-BOCK CYMBALS

Bock-a-da-Bock Cymbals were so named because of their fascinating copped effects on fast rhythms. They have a popping cup effect that will prove plenty hot on special rhythms, and will give a nice cymbal ring when played with glancing blows. Particularly flashy when featured in pairs. Each instrument consists of two cymbals on one handle. Two handles (four cymbals) to the pair.

No. 935 — One handle with two cymbals each \$2.25
Per pair, two handles, two cymbals on each handle 4.50



No. 457 Gong with
No. 989 Stand



No. 442



No. 935

**GENUINE
ZENJIAN
CYMBAL**

IMPORTED TURKISH AND LUDWIG MAKE CYMBALS

Zenjian Cymbals
(100% Turkish Type Cymbals)

For quality and brilliance of tone, none can surpass the Genuine "ZENJIAN" true Turkish type cymbal. They have that necessary "zip," "sting" and "ring" that is the true characterization of cymbal quality, and which is so desirable and necessary in modern playing.

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

No. 431—13" thin feature rhythm cymbal	\$ 6.50
No. 436—11" thin—high pitch—cymbal	7.00
No. 466—12" thin—medium or heavy	9.00
No. 437—13" thin—medium or heavy	10.50
No. 438—14" thin—medium or heavy	12.50
No. 439—15" medium or heavy	15.00
No. 430—16" medium or heavy	17.00

Deep Cup Zenjian

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

No. 411—10" Deep Cup ZENJIAN	38.00
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Stanople Cymbals

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

No. 925—10" Deep Cup for fast crash and "Hotsock" effects. Each	\$ 7.00
No. 926—10", Thin only	5.50
No. 927—11", Thin only	6.00
No. 928—12", Thin, medium or heavy	7.00
No. 929—13", Thin, medium or heavy	9.00
No. 930—14", Thin, medium or heavy	11.00
No. 931—15", Medium or heavy	13.50
No. 932—16", Medium or heavy	15.00

All Cymbal prices subject to market change.

Ludwig Made Cymbals

Tone is the chief requisite of cymbals. Ludwig own make Cymbals are "spun" by skilled workers, and are processed to meet the exacting requirements of the drummer. Recommended for all types of pedal or sock work. Owing to market changes in the price of brass, prices are subject to change without notice.

Brass

No. 426—Size, 7", Each	\$.50
No. 427—Size, 8", Each	.75
No. 428—Size, 10", Each	1.15
No. 432—Size, 11", Each	1.65
No. 433—Size, 12", Each	1.90
No. 434—Size, 13", Each	2.40

Nickel Silver

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

No. 443—Size, 13", Each	\$3.50
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Extra Deep Cup Sock Symbol

An extra deep, squashy and hollow cymbal tone is produced with this 10" cymbal which has an 8" cup. Use it on your sock cymbal pedal or in pairs inverted for stick work.

No. 479—10" Brass, Each	\$1.50
No. 479K—10" Chromium, Each	3.50

Deep Cup Brass

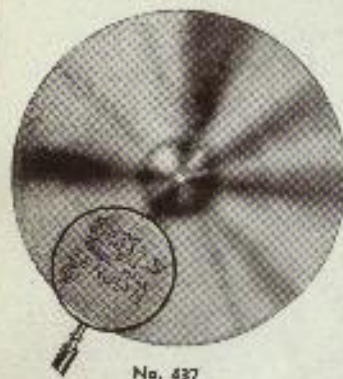
Spun from heavy American brass. Excellent, and recommended for sock and squash effects on the Ludwig High Hot Foot-Sock, Pedals and Holders. Noted for their splendid tone qualities.

No. 410—10" Deep Cup	\$1.25
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Sizzle Cymbals

Wide usage has made this one of the standard cymbals in the drummer's ensemble. Its chattering, rasping, sizzling tone will come in handy on every job you play. Made with six "Sizzlers" of the correct weight and size for the best effects. One size only. Use special sticks listed on page 38.

No. 425—Ludwig Sizzle Cymbal	\$2.50
No. 508—Notched Sticks for Sizzle Cymbals, per pair	.50



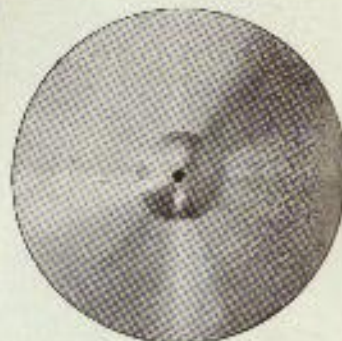
No. 437



No. 411



No. 929



No. 429



No. 479



No. 410



No. 425

LUDWIG CYMBAL HOLDERS, PADS AND STRAPS

New and Improved Ludwig Cymbal Holder with Tip Adapter

Drummers who have seen and tried this new cymbal holder call it the best and cleverest cymbal mounting for modern use on the market today.

It is the most practical holder for free swinging or choking single cymbal. Features an upright cymbal holder which clamps to bass drum counter hoop with Hold-Tite clamp. Fully adjustable as to position. The Tip Adapter is compactly made with a rounded rubber shoulder and felt washer so that no metal touches the cymbal. The Adapter has a counter sunk hole so that it slips right on the rod itself and cannot fall off. Adapter remains on the cymbal and does not have to be removed when the cymbal is packed.

Fully adjustable in every way, this new cymbal holder with its unique Tip Adapter permits every possible variation of cymbals from free vibration to a complete and forced "choke". Available in two finishes as listed below.

- No. 470—Cymbal Holder with Tip Adapter. Nickel plated. Each\$1.75
- No. 470K—Same, in Chromium 2.50
- No. 471—Tip Adapter only. Nickel35
- No. 471K—Same, in Chromium50

Spring Crash Cymbal Holder

This cymbal holder is the nearest approach to complete cymbal suspension obtainable. Completely adjustable. Clamps to front counter hoop of bass drum, and can be set off center to clear wood blocks and swing level at the same time. Nickel plated.

- No. 496—Spring Crash Cymbal Holder, complete \$2.25
- No. 496K—Same, in Chromium 3.35

Upright Cymbal Holders

To get the best tone from a cymbal it should be suspended, thus permitting it to swing and vibrate with all the freedom possible. Ludwig Upright Cymbal Holders give the cymbals this freedom.

They clamp firmly and securely to the bass drum hoop with the improved Ludwig Hold-Tite clamp, and are thoroughly adjustable for positions.

- No. 476—Ludwig Upright Cymbal Holder for Single Cymbal. Nickel. Each \$1.50
- No. 476K—Same, in Chromium 2.25
- No. 477—Ludwig Upright Cymbal Holder for Double Cymbals. Nickel. Each 2.30
- No. 477K—Same, in Chromium 3.45
- No. 488—Arm only. Nickel. Each80
- No. 488K—Same, in Chromium 1.20

Cymbal Pads and Straps

Lambs wool covered horsehide cymbal pads and strap permit full cymbal vibration and protect the knuckles from bruising. Soft, strong and really the very finest and most practical cymbal holding device made.

- No. 413—Lambs Wool Covered Pad, each \$1.25
- No. 414—Lambs Wool Covered Strap, each75
- No. 746—Plain Leather Pad, each50
- No. 420—Plain Leather Strap, each25

Cymbal Suspender

Throw away the twine, string, or wire that you have been using to suspend your crash cymbals. You'll get many times the efficiency with these cymbal suspenders. Leather strap riveted to cup-holder disc that has a felt cushion so no metal touches the cymbal. Simply slip the leather strap through the cymbal and hang it on the holder.

- No. 417—Cymbal Suspender, each \$0.25

Improved Hand Cymbal Holder

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

- No. 472—Improved Cymbal Holder \$1.25

Standard Hand Cymbal Holder

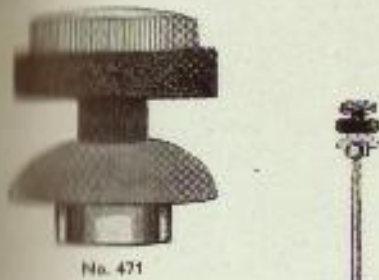
Standard wood handle with adjustable strap. A well known, and very satisfactory handle.

- No. 750—Standard Cymbal Handle \$0.75

Bass Drum Cymbal Holder and Wire Beater

Permits full cymbal vibration, and fastens firmly to counter hoop. Sturdy and non-marring.

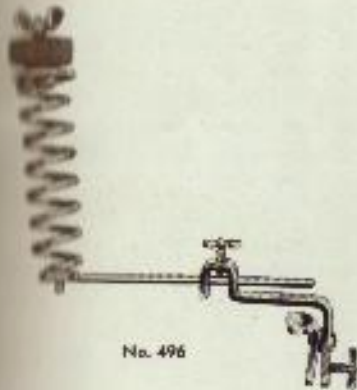
- No. 474—Bass Drum Cymbal Holder \$1.75
- No. 751—Wire Loop Cymbal Beater75



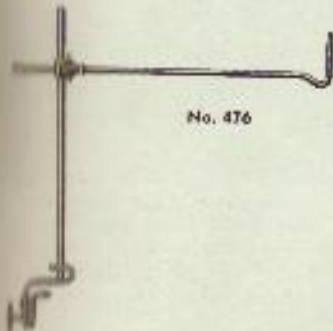
No. 471



No. 470



No. 496



No. 476



Pad
No. 413
Strap
No. 414



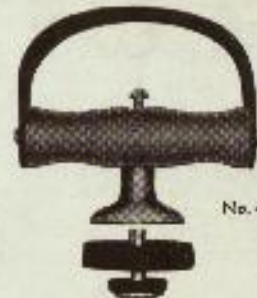
No. 746



No. 417



No. 472



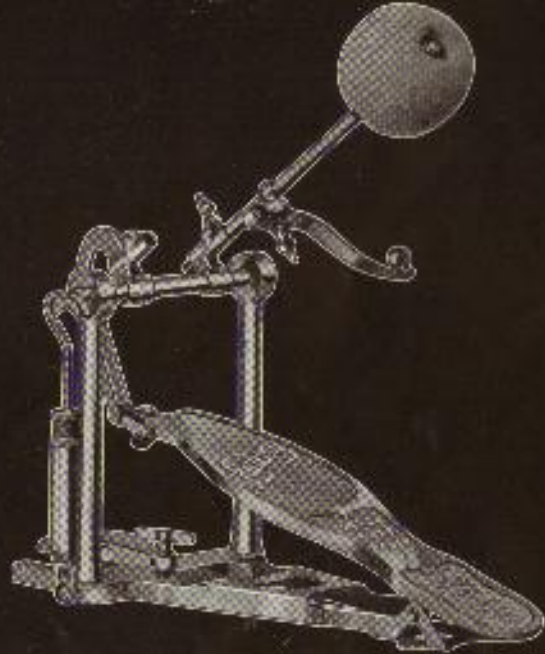
No. 472



No. 750



No. 474



LUDWIG SUPER- SPEED PEDAL

REGULAR
MODEL

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

The Super-Speed Pedal is a ball-bearing pedal throughout. The beater shaft revolves on ball-bearings that are packed in absorbed oil and are self-aligning. Friction is reduced to a

minimum, and speed without exertion is the resulting feature.

The pedal action is delicately balanced and smooth. The compression spring, — stronger than any spring of the extension type, is enclosed so dust, dirt, and grime cannot injure the action or slow the speed. The spring can be tensioned to meet your individual preference, and locked in that adjustment with a lock-nut.

No. 308 Pedal only in Nickel without Spurs or Cymbal Holder \$15.00
No. 308K—Same, but in Chromium 20.00

Alternating Model

The pedal combines all the features of the Pedal shown above plus an alternating cymbal striker which permits the drummer to throw his cymbal on or off quick as a flash at any point in the travel of the footboard even in the fastest tempos. This is readily accomplished without the loss of a beat by a simple movement of the toe. All the desired features of a smooth, fast-working and flexible pedal are incorporated in this exceptional Ludwig model.

No. 308—Pedal only, Nickel plated, without
Spurs and Cymbal Holder \$19.00
No. 308K—Same, but in Chromium 25.00



LUDWIG NEW SPEED PEDAL

MADE IN
TWO MODELS

Now, at the price you would naturally expect to pay for an ordinary pedal, you can get a Speed Bearing pedal that has everything the modern drummer can want—lightning fast speed with a free-flowing, smooth-as-silk action that is absolutely effortless because there is no strain, friction, binding or resistance. The pedal is perfectly balanced with an unusually short toe stroke due to the design of the heel-plate foot-board. Great strength and durability are combined with the advantages of light weight and minimum bulk. No delicate ad-



justments are necessary and no working parts can get out of order. The simple tension spring adjustment will give you the exact "pedal feel" that you like, and the beater rod and cymbal striker are likewise completely adjustable. Note the clean-cut, modern styling of this new pedal, too.

Both the Speed-Bearing and plain-bearing models are exceptional pedals at unusually low prices. See both models and be convinced of their merits before deciding to buy any other pedal.

With Speed-Bearings



The Speed-Bearing model is naturally the faster, smoother and easier working pedal of the two models. Blue lacquered standard, polished aluminum footboard and all other metal parts heavily nickel plated.

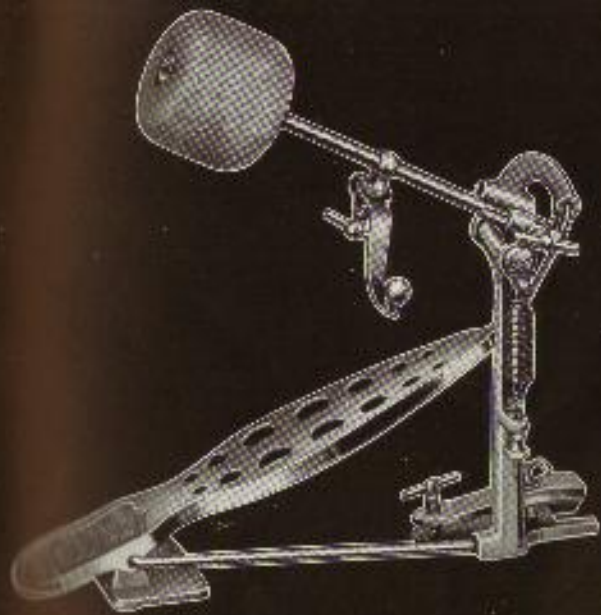
No. 327—Ludwig New Speed-Bearing
Pedal as illustrated and described, \$12.50

Plain Bearing Model



A fast, smooth, easy working pedal that easily outclasses any other pedal in its price class. The only external difference between this and the Speed-Bearing model is the Blue lacquered rocker arm featured on this model.

No. 328 Plain Bearing Pedal. Same as
No. 327, but without Speed-Bearings \$10.00



The
LUDWIG
ORIGINAL
PEDAL

The
LUDWIG
JUNIOR
PEDAL



THE Ludwig Original Pedal was the first floor-swing pedal made, and since its introduction it has been improved until now it is surpassed only by the Ludwig Super-Speed models.

The action is easy with a smoothness and speed that is exceptional for a pedal at its price. Several of the original models are still in use, and many gave more than fifteen years

of unflinching daily service to their owners. Beater shaft has two holders for the beater ball rod. One is for a muffled effect from a direct center blow, and the other for an off center beat, giving a resonant, full bass drum tone to meet the drummer's need. The pedal folds into a small space, is light in weight, sturdily built, and designed to give lasting satisfaction.

THE Ludwig Junior Pedal illustrated above is a dandy for the drummer who does a lot of jobbing because it does the work required of it, folds conveniently into a very small space, is substantially constructed, and sells at a very low price.

While the cost is low, this pedal is constructed to give a lot of genuine service, and satisfaction, to its user. Its surprising speed, extreme lightness, and ease of action actually belie its

economy of cost. The pedal clamps to the bass drum hoop firmly and securely without marring its finish. The foot-board is stamped from fine, strong, light alloyed metal, and the spring is sturdy and strong, insuring satisfactory wear and service. The beater-ball is quality solid felt, and both the beater-rod and the cymbal striker are adjustable for bass drum and cymbal tone to meet your particular needs or preference. The pedal is carefully finished and presents a good appearance.

No. 310 — Pedal in Nickel without Spurs or Cymbal Holder	\$ 8.40
No. 310K — Same, but in Chromium	12.60
No. 312 — Pedal in Nickel with Spurs and Cymbal Holder	10.00
No. 312K — Same, but in Chromium	15.00

No. 316 — Pedal only in Nickel, without Spurs or Cymbal Holder	\$3.00
No. 314 — Pedal in Nickel, including Spurs and Cymbal Holder	7.00

Spurs and Cymbal Holders

No. 320 — Cymbal Holder. Rigid and adjustable. In Nickel	\$1.25
No. 320K — Same, in Chromium	1.85
No. 321 — Cymbal Holder. Strong, rigid, adjustable. In Nickel .....	.80
No. 321K — Same, in Chromium .....	.90
No. 324 — Drum Spur of cast steel with sharp point and non-marring swivel clamp. Strong and practical. In Nickel, per pair .....	.75
No. 324K — Same, in Chromium	1.10
No. 328 — Drum Spurs. Light, durable, convenient and inexpensive. In Nickel, per pair .....	.60
No. 328K — Same, in Chromium .....	.90



Disappearing Spurs

You don't have to remove these spurs when you pack your drum. Simply loosen the adjustment screw and slide the spurs up out of the way. Save time and effort, and loss is reduced to a minimum. Rubber tipped spurs are recommended for tile, concrete, or waxed floors. Heavily nickel plated.

No. 323A — Metal Tipped Spurs. Per pair	\$1.50
No. 323AK — Same, in Chromium	2.25
No. 323B — Rubber Tipped Spurs. Per pair	1.50
No. 323BK — Same, in Chromium	2.25
No. 322 — Giant Spurs. Fasten higher up on the drum shell. Prevent sideways or tipping of drum when heavy traps are used, such as temple blocks, Tom-Toms, etc. Reversible metal and rubber tips. Nickel plated. Length 9 1/4". Per pair	2.00
No. 322K — Same, in Chromium	3.00

TEMPLE BLOCKS, TRAP TABLE, BOARD AND CONSOLE

LUDWIG KOREAN PROFESSIONAL TEMPLE BLOCKS

These are the very finest imported, specially selected deep toned Korean Temple Blocks on the market today. Their deep, rich, penetrating tone makes them indispensable for the modern rhythmic drummer. Recommended for the finest and most exacting professional use.

These blocks are all carefully tuned to correct intervals at the Ludwig factory and beautifully finished in gleaming black, red and gold lacquer that will stand the hard knocks of daily usage. All blocks are Ludwig trade marked.

Ludwig soft rubber head mallets No. 8-735, shown on page thirty-eight are recommended for best results with these temple blocks.

Available individually, or in complete set of five as listed below.

No. 998-1—6 1/2" Size	\$6.00
No. 998-2—6" Size	5.00
No. 998-3—5 1/2" Size	4.00
No. 998-4—5" Size	3.50
No. 998-5 4 1/2" Size	2.50
No. 998—Complete set of five	18.00

Finished in any other combination of three lacquer colors, per set

COMMERCIAL TEMPLE BLOCKS

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

No. 999—Complete set of five	\$9.00
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BASS DRUM TEMPLE BLOCK RACK

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

No. 994—As shown, in Nickel	\$5.50
No. 994K—Same, but in Chromium	7.50

SINGLE TEMPLE BLOCK HOLDER

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

No. 995—Temple Block Holder, Nickel	\$1.25
No. 995K—Same, but in Chromium	1.90

TRAP TABLE

Adjustable to any size bass drum and permits an unusual variety of cymbal mountings, and trap arrangements. Drilled for cymbal holders, handsomely lacquered, and covered with felt.

Merely slip the temple blocks over the posts of the rack and tighten wing nuts so blocks are held securely between the washers which are supplied. This is the simplest temple block set-up to date. No. 471 Cymbal Adapters (illustrated on page 29) permit cymbals to swing freely and remain on cymbals when cymbals are packed.

No. 1004—Table only (without Temple Block Rack, Cymbal Holders, or Blocks)	\$7.50
No. 997—Temple Block Rack only (for Trap Table) with 2 rear Cymbal Arms that act as supports for Rack, including Cymbal Adapters, Nickel	4.50
No. 997K—Same, but Chromium	6.75
No. 1003—Short front Cymbal Arm, including Cymbal Adapter, Nickel	1.00
No. 1003K—Same, but Chromium, each	1.50
No. 1002—Long rear Cymbal Arm, including Cymbal Adapter, Nickel, each	1.00
No. 1002K—Same, but Chromium	1.50
No. 471—Extra Cymbal Adapter for No. 1002 or No. 1003 Cymbal Arms, Nickel .....	.35
No. 471K—Same, but Chromium, each .....	.50

TRAP BOARD

This convenient Trap Board will hold a goodly number of traps, sticks, etc. Covered with a good felt and has a wood rim that prevents the traps and sticks from rolling off. Strong and rigid. Fastens to bass drum rods and is supported by a felt padded wood block that rests on the drum shell. Very convenient. Adjustable.

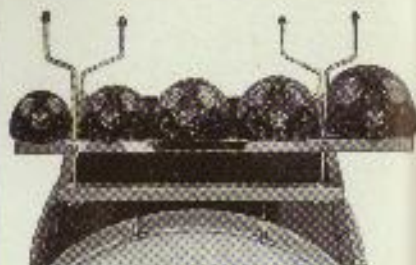
No. 1013—Ludwig Trap Board	\$4.00
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TRAP CONSOLE

The Ludwig Trap Console shown to the right is the most convenient, efficient, and flashy means of having everything right where you want it when you want it—a combination that is difficult to beat. All metal parts are heavily nickel plated and presents a flashy, showy appearance. The entire Console can be assembled in a jiffy, and taken down just as quickly and packed. Packs into a small space for transporting, and weighs only nineteen pounds complete.

The Tom-Tom rings are for the standard 10" and 12" size Tom-Toms, and are optional in the purchase of the Trap Console. Prices with and without rings are listed below.

No. 1005—Trap Console complete with Tom-Tom Rings, Nickel plated	\$38.00
No. 1005K—Same, but in Chromium	54.00
No. 1006—Trap Console without Tom-Tom Rings, Nickel plated	30.00
No. 1006K—Same as No. 1006 Console, but in Chromium	45.00

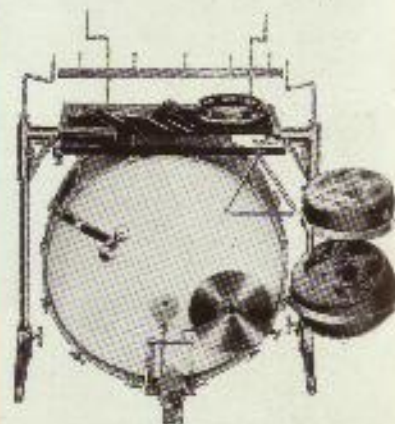


No. 1004 Trap Table complete with No. 997 Temple Block Rack, and two No. 1003 front Cymbal Arms with No. 471 Cymbal On Adapters (As shown on page 29)

(Temple Blocks are extra)



No. 1013



No. 1005 in use

Note: Trap Console does not include temple block rack, cymbal Tom-Toms, drum, pedal or traps.



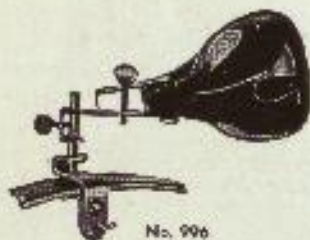
Complete Set No. 998



No. 994



Illustrating Temple Block Rack No. 994 set up on bass drum with Temple Blocks. The Temple Blocks slip over the posts and are held in place with wing nuts and felt washers as shown. Rack is adjustable for height.



No. 995



No. 955
(No. 957 Block and 964 Holder)



No. 462



No. 468



No. 568



No. 547

WOOD BLOCKS, COW BELLS, TRIANGLES AND DRUM MUFFLERS

Two-Tone Blocks

These have a full, resonant tone that is soft and yet has the "clickety-click" at the same time. Two tones to each block—one at each end, four tones to a set of two. Fasten to bass drum hoop with the new Hold-Tite clamp.

No. 955—Large Block and Holder, Nickel	.....\$3.00
No. 955K—Same, in Chromium	..... 3.75
No. 964—Holder only, in Nickel	..... 1.50
No. 964K—Same, in Chromium	..... 2.25
No. 957—Large Two-Tone Block only	..... 1.50
No. 959—Small Two-Tone Block only	..... 1.20

Chinese Wood Blocks

Selected from the best importations for fine tone. Drilled at both ends. Cannot be guaranteed against cracking or checking due to the peculiar type of wood used in these imported blocks.

No. 462—Small size	.....\$0.75
No. 464—Large size	..... 1.30

Piccolo Blocks

Smaller than the usual wood block, it speaks easier and has a distinctive tone. Made of genuine select Honduras Rosewood.

No. 1422—Large size	.....\$0.90
No. 1400—Small size	..... .75

Block Holders

Adjustable to Chinese Wood, or Piccolo, Block. Clamps to bass drum hoop rigidly. Heavily Nickel plated.

No. 468—Block Holder, Nickel, each	.....\$0.60
No. 468K—Same, but Chromium plated	..... .90

Cow Bells

Cow Bells are tuned and used in sets of four, and are highly effective in rhythmic numbers when played with a pair of specialty sticks shown on page 38 or rubber xylophone mallets.

No. 568—4 Bells with Nickel Holder	.....\$5.00
No. 568K—Same, but Holder in Chromium	..... 6.20
B21—Cow Bell only, 7 1/2", "C" natural	..... 1.30
B23—Cow Bell only, 6 1/2", "E" natural	..... 1.05
B24—Cow Bell only, 4 1/2", "G" natural	..... .80
B25—Cow Bell only, 3 1/2", "C" natural	..... .75

Slap Sticks

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

No. 547—Piccolo Slap Stick. Length 15", and 1 1/2" wide. Each\$1.00
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Pressure Bass Drum Mufflers

This new bass drum muffler has the pressure adjustment screw by which the bass drum tone can be regulated to just the desired degree with a simple twist or two of the wrist. The two 3" diameter metal discs, each with its thick felt muffling pad, afford greater tone control than any other muffler on the market because of their greater muffling area. Good, stiff spring, and non-marring hoop clamp. Heavily nickel-plated except for the blue steel spring. Fully adjustable for position and pressure.

No. 668—Nickel	.....\$2.25
No. 668K—Chromium	..... 3.25

Regular Bass Drum Muffler

Two 3" metal disc with their thick, felt muffler pads, and the spring steel spring combine to make this one of the finest bass drum mufflers on the market. Adjustable for position on the drum head. Non-marring hoop clamp. All parts heavily nickel plated except the spring steel spring. Excelled only by the No. 668 Pressure Bass Drum Muffler described above.

No. 670—Nickel	.....\$1.75
No. 670K—Chromium	..... 2.40

Triangles

Ludwig triangles have a clear, brilliant tone, and speak so quickly that the contact stroke of the beater is lost in the vibrations that follow. Made of better, more expensive steel than the usual triangles, they cost you no more than the ordinary makes on the market. Made in three sizes—6", 8" and 10" sizes. Every drummer needs one of these invaluable, yet inexpensive, traps. Beater is included with triangle.

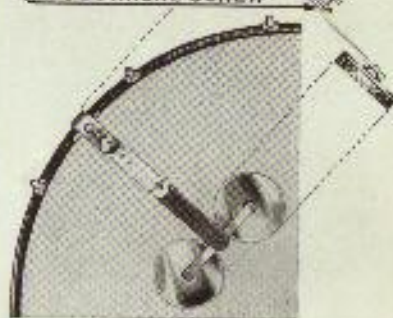
No. 487—6" Triangle, 5/8" diameter, Nickel	.....\$0.75
No. 487K—Same, in Chromium	..... 1.25
No. 488—8" Triangle, 1/2" diameter, Nickel	..... 1.00
No. 488K—Same, in Chromium	..... 1.50
No. 485—10" Triangle, 1/2" diameter, Nickel	..... 1.25
No. 485K—Same, in Chromium	..... 2.00

Triangle Holder

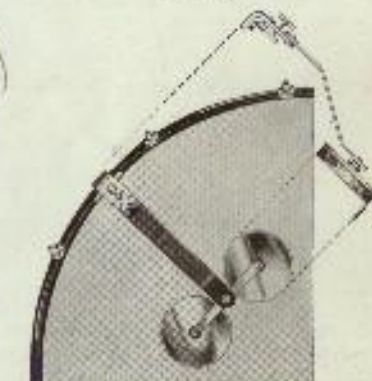
Clamps to bass drum hoop. Triangle passes through cut loop which permits the triangle to vibrate and ring clearly. Clamp fastens securely and will not mar the bass drum hoop. An inexpensive, serviceable holder.

No. 325—Triangle Holder, Nickel	.....\$0.50
No. 325K—Triangle Holder, Chromium	..... .75

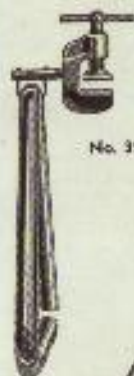
PRESSURE
ADJUSTMENT SCREW



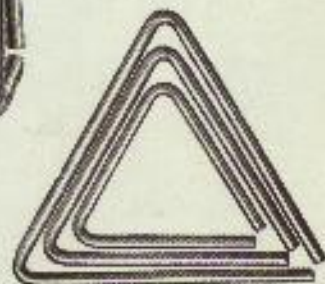
No. 668



No. 670



No. 325



No. 485 to 487



Size 16" x 16"

Size 12" x 14"

Size 9" x 13"

Black

White



LUDWIG IMPORTED CHINESE TOM-TOMS LUDWIG TRADEMARKED

The importance of Tom-Toms to the modern drummer is too well known to need emphasis here. These are the genuine imported type with red lacquer shells and fantastically colored pigskin heads fastened with quaintly ornate handmade tacks. Beautiful in appearance, and boasting a deep, fine, full Tom-Tom tone. Owing to the fact that they are made of Oriental materials by Oriental workmen, however, we cannot guarantee them to withstand our atmospheric conditions. Do not compare these Tom-Toms with the usual cheap, commercial Tom-Toms on the market. They are specially selected by Ludwig, completely refinished in brilliant, lasting lacquer colors, and thoroughly checked and inspected in every way to insure the finest quality and lasting satisfaction. Each Tom-Tom bears the Ludwig trade mark—your assurance of the highest possible quality. Look for this trade mark when you buy.

- No. 405—Size 10" x 4" *W.H.T.B. P. 2. 1. 1. 1.* \$ 3.30
 No. 406—Size 12" x 5 1/2" 6.00
 No. 407—Size 15" x 6 1/2" 10.00

LUDWIG TUNABLE, PIGSKIN HEAD TOM-TOMS

The modern drummer has found the answer to all his Tom-Tom problems in the new Ludwig Tunable Tom-Toms. Too damp and too dry weather doesn't bother him any more because he can tighten or loosen the Tom-Tom heads to get that desired deep, full, ringless Tom-Tom tone with just a few quick turns of the tension handles whereas before he was utterly helpless in the matter.

Now Ludwig has improved these wonderful new Tom-Toms still further by equipping them with genuine pigskin heads so they actually have a far better tone than the finest imported Chinese Tom-Toms. Try them, and be convinced of their outstanding superiority of tone.

Better constructed of finer materials, too, than the imported type, and made with Pearl shells or lacquer colors to match your drums, these Ludwig Tunable Tom-Toms will give you years of splendid service at prices that are within the reach of every drummer. All metal parts heavily nicked.

Prices do not include stands.

9" x 13"		12" x 14"	
No. 1031P—In Choice of Ludwig Pearl	No. 1031—In Choice of Standard Lacquer	No. 1032P—In Choice of Ludwig Pearl	No. 1032—In Choice of Standard Lacquer
\$18.00	\$12.00	\$27.50	\$18.00
16" x 16"			
No. 1033P—In Choice of Ludwig Pearl	No. 1033—In Choice of Standard Lacquer		
\$32.50	\$23.00		

Stands Not Included in Above Prices

For Chromium plated fittings add to above prices \$3.00 Extra

TOM-TOM FOLDING STAND Illustrated above on Tom-Toms

These stands are adjustable for height, and fit all sizes listed above. They are sturdy, light, and fold compactly into a small space. Made of steel, accurately machined, and fitted, and nicely finished. Supplied in choice of Nickel or Chromium Plating.

- No. 983 —Nickel Plated \$4.00
 No. 983K—Chromium Plated 6.00



No. 971

RIGID TOM-TOM HOLDER

Adjustable both for height and angle, this Tom-Tom holder is the strongest and finest on the market. Removable arm of the holder is screwed to the Tom-Tom by the metal plate as illustrated, and is permanent. Holder fastens securely to the bass drum hoop without marring. Strong, rigid, and a good investment from every standpoint.

- No. 971 —Nickel \$2.00
 No. 971K—Chromium 3.00



No. 407

STANDARD TOM-TOM HOLDER

This Tom-Tom Holder, too, can be adjusted both for height and for angle. Clamps securely to the bass drum hoop without marring. Tom-Tom rests on the arm of the holder and is held in place by the Tom-Tom ring which hooks to the holder. Made in your choice of two finishes as listed below. A sturdy, economical, lightweight holder.

- No. 407 —Nickel \$0.90
 No. 407K—Chromium 1.35

LUDWIG MARACAS, CLAVES, TAMBOURINES CASTANETS AND TUNED TIME BELLS



No. 952

LUDWIG MARACAS

LUDWIG Maracas have the tone of the genuine Cuban maracas, are many times more durable, and cost substantially less. A standard trap for rumbas, Spanish rhythms and tangos.

Balls are moulded composition and weighted with "shot" for the proper sting and tone. Handles are made to fit the hand, and are lacquered a bright red. Correct weight and proper balance throughout. Handle can be removed and shot taken out, or added, to meet the individual's preference in tone, and weight. Length 11 inches. Sold only in pairs.

No. 952—Ludwig Maracas, per pair \$2.50



No. 953

ROSEWOOD CLAVES

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

No. 953—Claves, per pair \$1.25



Ludwig Tuned Time Bells for Elementary Music and Rhythm Bands

Tuned Time Bells are not for professional drummer use. They are for use in schools to increase the scope of Rhythm Band teaching and training by adding melody to rhythm and making the reading of music and counting time a necessary part of the study. Each bell consists of an accurately tuned metal bar mounted on an individual resonator block. The bells are used individually, one bell to a pupil, who strikes his bell only when his particular note appears in the musical score. In this way, children are not only taught to read music and count time, but they are trained in distinguishing pitch, note value, and time precision.

Tuned Time Bells are supplied in complete sets of 8 bells with mallets and two instructors containing complete instruction as to the use of the bells and music scores arranged for bells alone or with the Rhythm Band. The 8-bell set has a diatonic range from C to C. Twelve additional individual bells are available to increase the range to a chromatic scale in G above the staff. Write for free descriptive literature.

No. 8401—Ludwig Tuned Time Bells, Set of 8 bells (diatonic scale from Middle C to C) in box with mallets and instructors. Each \$12.50

No. 8403—Individual bells from Middle C chromatic to G above the staff. State bell or bells desired. Each . . . 1.50

No. 4404—Ludwig Tuned Time Bell and Rhythm Band Instructor, by Miss Gladys M. Stein. (Included with 8-bell set). Sold separately. Each 1.00



No. 8401

PROFESSIONAL TAMBOURINES

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

No. 489—7" diameter with 6 pair jingles \$1.50

No. 483—8" diameter with 7 pair jingles 2.00

No. 482—10" diameter with 9 pair jingles 2.50

No. 484—10" diameter with a double row of 17 pair jingles 3.50



No. 489



No. 4489

SCHOOL TAMBOURINE

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

LUDWIG CASTANETS

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

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

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



No. 488

CASTANETS ON HANDLE

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



No. 480

No. 481

DOUBLE CASTANETS ON HANDLE

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

LUDWIG

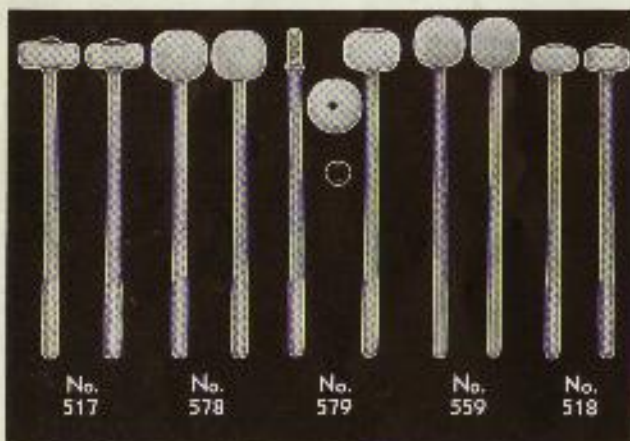
Original Synco-Jazz Brushes

EVERY drummer knows the many uses to which Ludwig Synco-Jazz Brushes can be put for they have been a standard trap for more than ten years. Used for soft beats on the snare and bass drums, cymbals and tom-toms, they are equally effective for after beats, and for sand blocks and train imitations.

"FIXED" WIRE MODELS

Strong, durable, and correct in weight and design. Wires are finest quality, thin-gauge, rustproof piano-steel wire securely fastened in a "fixed" position to your choice of either wood or aluminum handles.

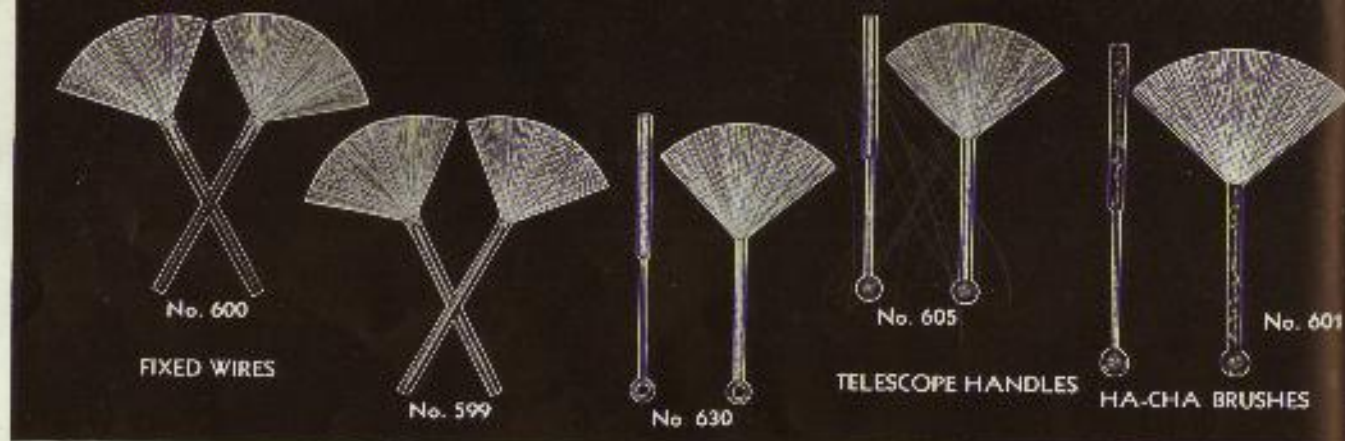
- No. 600—With Black lacquered wood handles and "fixed" wires, per pair\$0.60
 No. 599—With Aluminum handles and "fixed" wires, per pair .75



Ludwig Tympani Sticks

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

- No. 517 Oscar Schwarz Model. Removable disc ball. Per pair \$3.00
 No. 578—Standard Model for general all around work. Per pair 2.25
 No. 579—Joe. Zettelman Model. Demountable heads. Per pair 2.50
 No. 559—Lamb's Wool. Good all around model. Per pair ... 2.50
 No. 518 Solid Felt. Per pair 1.50



TELESCOPE HANDLE MODELS

These are the brushes originated and perfected by Ludwig. Wires are the best thin-gauge, rustproof piano-steel wire obtainable securely fastened to a steel wire rod by which the wires are pulled, telescope fashion, into the handles when brushes are not in use.

- No. 630—Aluminum handles and wire loop ends, per pair . \$0.60
 No. 605—Nickel plated brass handles and Rubber ball-ends, per pair75

HA-CHA WIRE BRUSHES

Ludwig Ha-Cha Wire Brushes are glorified models of the regular Ludwig Synco-Jazz Brushes. Each brush is made with 200 wires of the finest, rustproof, thin-gauge piano wire which are crimped securely to a sturdy steel wire rod which serves to pull the wires into the telescope Pearl handle when the brushes are not in use. Equipped with rubber ball-ends. Perfectly balanced.

- No. 601—Ludwig Ha-Cha Wire Brushes with Rubber Ball-Ends and Telescope Handles of Black and Gold Mottled Pyralin. Sold only in pairs. Per pair\$1.00

Ludwig Bass Drum Sticks

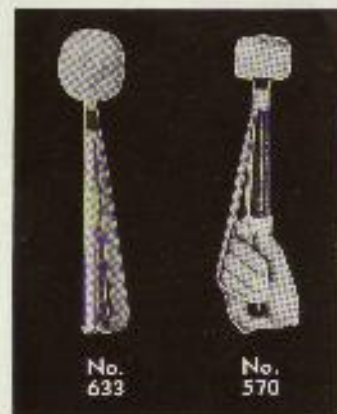
A good bass drum stick will improve the sound of the best bass drum made. The Ludwig Bass Drum Sticks illustrated and listed here are hand-made of the finest materials obtainable. Handles are straight-grained hickory, and balls are natural lamb's wool, or best grade Spanish felt.



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

Ludwig Parade Model Bass Drum Sticks

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



- No. 633—Fine quality lamb's wool over a medium felt inner ball. Strong, straight grained hickory handles with a leather sling that permits a free, easy swing that will not tire. Ideal for soft, resonant "boom" tones. Each 3.50
 No. 570—Finest quality solid felt ball with two metal retaining washers. Strong, straight-grained hickory handles with soft lamb's wool grip that prevents hands from blistering, and leather sling for full, easy swing. Used for solid, decisive blows. Each 2.50

Scottish Bass Drums require special sticks shown on page 36



Style "A"—Orchestra Models

LUDWIG

Style "B"
Band Models

Style "S"
Street Models



LUDWIG HICKORY DRUM STICKS

45c
Per Pair

LUDWIG Hickory Sticks are made from the finest second growth hickory selected for its straight, even, perfect grain. Sticks are carefully finished to a smooth surface and a fine, high lustre. These models are always uniform so your favorite model can be ordered and re-ordered with the assurance that it will be just the stick to which you have become accustomed. There are eleven models from which to choose—a model to suit your every need. All carry the Ludwig name for your protection.

Style "A"—Orchestra Models
Style "B"—Band Models Style "S"—Street Models

Approximate Weights of Ludwig Stick Models

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

Ludwig Hickory Sticks (choice of models). Per pair \$0.45
Blue End Hickory Sticks (choice of models). Per pair75
Special Colors to match Drum Corps Drums when Drum Corps Drums are being made (choice of models). Per pair 1.00

New Rosewood Drum Sticks

(Illustrated at Left)

No. 638—Ideal all-around adult Drum Corps Sticks of genuine Honduras Rosewood, which is heavier than hickory and more durable than snakewood, 17" long. Finely balanced, beautifully rubbed and highly finished, per pair \$1.00
No. 639—Same as above, but a shorter, lighter model ideally suited to Junior Drum Corps, concert band and orchestra work. 15 3/4" long, per pair 1.00

LUDWIG BLUE END

Superior Quality Hickory Sticks

75c
Per Pair

THE DELUXE STICK FOR BAND, ORCHESTRA AND DRUM CORPS WORK

These are flashy, good looking sticks that you need to give your playing that little added touch that can be obtained in no other way—the Ludwig model hickory stick to which you have been accustomed "dressed up" with blue lacquered ends and beautifully finished in their natural hickory grain to a glossy, smooth, high lustre, hand rubbed finish. Sticks that you will be doubly proud to own and to use anywhere where appearance counts.

These sticks are Extra Select, close-grained second growth, fine, straight white hickory. Every pair is carefully matched for uniform weight and appearance. They are slick to the grip, smooth to the touch and have a "feel" that will give you greater pleasure in your playing and increased confidence in your ability. Each stick is imprinted with the Ludwig name, and each pair is packed in its own Ludwig box—the finest sticks that money can buy anywhere!

THE ORIGINAL BLUE END STICKS

Model Numbers and Descriptions

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

See Illustrations of these Models to the Left





- | | | | | | | | |
|-----------|-----------|-----------|------------|------------|------------|------------|------------|
| No. 8-737 | No. 8-725 | No. 8-723 | No. 8-731R | No. 8-729R | No. 8-717R | No. 8-716R | No. 8-714R |
| No. 8-726 | No. 8-735 | No. 8-722 | No. 8-730R | No. 8-728R | No. 8-718R | No. 8-715R | No. 8-713 |

LUDWIG VIBRA-CELESTE, BELL AND XYLOPHONE MALLETS

LUDWIG mallets offer a variety of styles to meet the requirements of the most discriminating artist. Only the highest quality materials are used, and workmanship is the finest. With the exception of the Orchestra Chimes Mallet, all handles are Batten.

Metal Head

No. 8-737 Nickel plated Bronze Head, per pair \$0.50

Raw Hide Head

No. 8-733—1 3/4" Oval, per pair \$1.75

Soft Rubber Head

No. 8-723—1" Round, per pair \$0.60
 No. 8-735—1 1/2" Oval, per pair50
 No. 8-722—1 1/4" Round, per pair75

Half Hard Rubber Head

No. 8-710R—1" Round, per pair \$0.60
 No. 8-711R—1 1/4" Round, per pair75

Three-Quarter Hard Rubber Head

No. 8-728R—1" Round, per pair \$0.60
 No. 8-728R—1 1/4" Round, per pair75

Seven-Eighths Hard Pyralin Head

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

Hard Rubber Head

No. 8-726—1" Round, per pair \$0.60
 No. 8-725—1 1/8" Round, per pair75

Yarn Wound Head

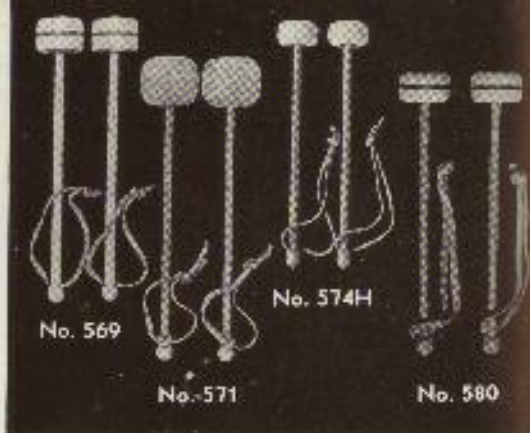
No. 8-717R—1 1/8" head, per pair \$1.00
 No. 8-718R—1 1/4" head, per pair 1.00
 No. 8-716R—1 1/2" head, per pair 1.50
 No. 8-715R—1 3/4" head, per pair 2.00
 No. 8-714R—2" head, per pair 2.00

Rawhide Orchestra Chime Mallet

No. 8-713—1" Rawhide Head, for 1" Orchestra Chimes, Hickory Handle, Each \$1.25

LUDWIG SCOTCH BASS DRUM STICKS

BASS drum sticks specially designed for use with Scotch Bass Drums are required to get the proper tone from these particular instruments. Used both for straight on-the-beat playing and for the eccentric overhand-and-around-the-back playing. Correctly designed, strong, durable, and properly weighted and balanced. Materials, workmanship and finish are warranted to be the finest. All models are supplied with leather thongs to facilitate twirling and to minimize danger of dropping the sticks on parade. Ludwig trade-marked.



No. 569—Three layers of felt securely held by two metal retaining washers to turned ball-end hickory handles with leather thongs for easy twirling. Sturdy, handsomely finished and warranted to give satisfaction. Sold in pairs. 13 1/2" long. Per pair \$4.00

No. 571—Lambs wool covered felt ball for sustained tones. Handles are finest flexible rattan with turned ball ends and rawhide thongs for flash. Correctly balanced and weighted. Sold in pairs. 14 1/2" long. Per pair... 5.00

No. 580—Scotch base drum heater especially designed for Junior Drum Corps use, and with Ludwig Junior Scotch Bass Drums. Correct balance and weight. Hickory handles, leather thongs, good quality felt balls. 12" long. Per pair \$3.00

No. 574H—Short model stick with solid felt ball and turned ball-end hickory handles which are equipped with leather thongs for easy twirling. Excellent for fast exhibition twirling. Sold in pairs, 11" long. Per pair... 2.50

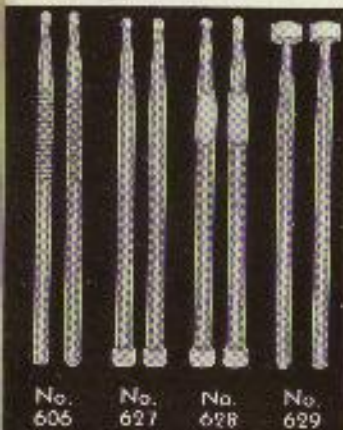
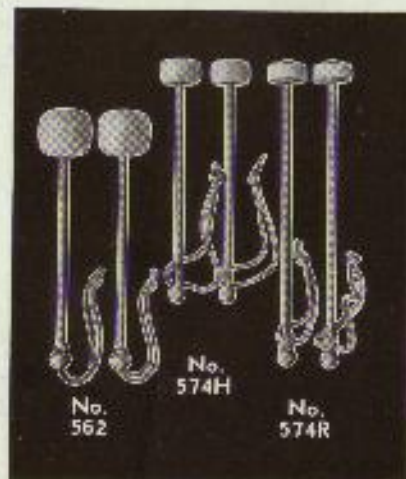
LUDWIG TENOR DRUM STICKS

These are the only proper sticks for use with Tenor Drums as employed in modern Drum Corps work. Correct in design, length and weight, they enable a Corps to get the finest possible tone from the Tenor Drums. Materials and workmanship are the finest. Pairs are carefully matched, and the sticks are handsomely finished. Each pair is warranted to give excellent service and genuine satisfaction. All Ludwig sticks are trade-marked with the Ludwig name.

No. 562—This is a widely popular short model stick with the large lambs wool ball that gives a sustained Tenor Drum tone. Turned ball-end hickory handles equipped with rawhide thongs to facilitate twirling. Correctly designed, properly proportioned and made of the finest materials available. Most practical twirling model. Sold in pairs. 12" long. Per pair \$4.00

No. 574H—Solid felt balls held by two metal retaining washers to turned ball-end hickory handles. Leather thongs for easy twirling. Ideal for junior or adult corps work because of their extreme durability. Splendid for practice purposes, also. Sold in pairs, 11" long. Per pair... 2.50

No. 574R—Made with a slightly lighter felt ball than the No. 574H. Flexible rattan handles with ball-ends and leather thongs for flashy beats. Finest materials throughout and handsomely finished. Sold in pairs, 14" long. Per pair 2.50
 Special Tenor Drum Sticks made to order per your specifications or samples at \$4.00 and up per pair. Please send complete instructions, or, better yet, samples when ordering to insure 100% satisfaction.



LUDWIG SPECIALTY STICKS

These sticks are used where quick change from drum to cymbals, temple blocks, wood blocks, and Tom-Toms don't permit a change of sticks. Ideal for soft rhythms, etc. Felt is finest quality. No. 606 are for Sizzle Cymbals. Shown on page 28.

No. 627—Two-In-One Sticks, per pair \$0.75
 No. 628—Three-In-One Sticks, per pair 1.50
 No. 629—Felt Tip Sticks, per pair 1.25
 No. 606—Sizzle Sticks per pair50

DRUM CORPS HEADQUARTERS

DRUM CORPS HEADQUARTERS, as the Ludwig & Ludwig Drum Corps Department has come to be known, is not a vainly self-assumed title, but is a name that has been conferred upon Ludwig & Ludwig in recognition of its unselfish and unceasing efforts to foster the interest in, and the development of, Drum Corps and Drum Corps activities wherever that type of organization and activity is of benefit to its sponsoring body and its members . . . Even while the idea of the modern Drum Corps was hardly more than an idea, Ludwig & Ludwig, because it had already served the professional drummer for more than a decade, was consulted on matters of instrumentation, equipment and instruction. Military ex-service men and military drummers at that time on the L & L staff formed the nucleus for the new Drum Corps Service Department. Information, recommendations, advice, and even local instruction was given by these men. Equipment especially designed for Drum Corps use was designed and manufactured as the movement gained popularity and impetus. Ludwig & Ludwig found itself the hub of a great, ever-widening, national activity . . . Time, effort and money were expended in compiling and publishing Drum Corps organizing

helps, instructors, Guides, Manuals, Drum Corps Music and the improvement of Drum Corps equipment. Ludwig & Ludwig even then was coming to be known as DRUM CORPS HEADQUARTERS!

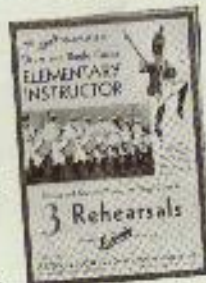
Today, as during the last fifteen years, Ludwig & Ludwig is recognized as the undisputed leader in the Drum Corps field—a reputation which we cherish highly, and which we hope to keep by continuing to serve the Drum Corps field in the future as we have in the past—gladly and faithfully.

"HERE THEY COME" BOOKLET FREE!

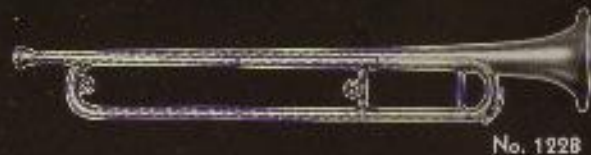
The most interesting Drum Corps booklet ever published—sent free, postpaid and without obligation on request! Write for it today.



Free to Those
Interested in
Drum Corps



Free with All
Complete Drum
Corps Orders.



No. 1228



No. 229



No. 228

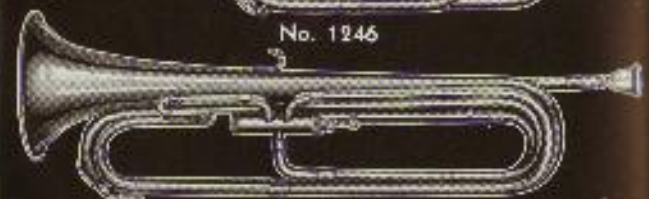
LUDWIG **LUDWIG**
G and F BUGLES **G and D BUGLES**
FAN-FARE **SOPRANO**
and **TENOR**
MILITARY **and**
MODELS **BARO-TONE**



No. 1247



No. 1246



No. 1249

Professional Bugles

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

No. 229 —Brass	\$ 9.00
No. 228K —Chrome	13.00
No. 229KG—Chrome, Gold Bell	14.50
No. 228S —Silver	12.50
No. 228SG—Silver, Gold Bell	14.00
No. 1228 —Bugle Bag for above	.90

Fan-Fare Bugles

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

No. 1228 —Brass	\$ 9.50
No. 1228K —Chrome	16.50
No. 1228KG—Chrome, Gold Bell	18.00
No. 1228S —Silver	14.00
No. 1228SG—Silver, Gold Bell	15.50
No. 1227 —Bugle Bag for above	1.25

Regulation Bugles

Built in key of G with slide to F. Easy to blow, and good tone. 17 1/2 inches only.

No. 228—Brass only	\$5.00
No. 1228—Bugle Bag for above	.90

The Ultimate Drum Corps Bugle

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

A Special Folio of Music will be supplied free with orders for Ludwig Master Model Bugles, and Drums for Corps.

Having the appearance of ordinary bugles to the audience, they are equipped with a horizontal piston valve that is concealed when the

bugle is held, and operated with the thumb of the hand holding the instrument. The change from the key of G to D, and back to G again, is made instantly without removing the bugle from the lips, and without the use of the left hand.

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

Master Model Soprano

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

No. 1247 —Brass	\$17.50
No. 1247K —Chrome	23.50
No. 1247KG—Chrome, Gold Bell	25.00
No. 1247S —Silver	21.00
No. 1247SG—Silver, Gold Bell	22.50
No. 1243 —Bugle Bag for above	1.25
Hard Case for above Bugle	6.00

Master Model Baro-Tone

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

No. 1249 —Brass	\$25.50
No. 1249K —Chrome	35.00
No. 1249KG—Chrome, Gold Bell	36.50
No. 1249S —Silver	31.50
No. 1249SG—Silver, Gold Bell	33.00
No. 1244 —Bag for above Bugle	1.50
Hard Case for above Bugle	6.50

Master Model Tenor

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

No. 1246 —Brass	\$19.00
No. 1246K —Chrome	26.00
No. 1246KG—Chrome, Gold Bell	27.50
No. 1246S —Silver	23.00
No. 1246SG—Silver, Gold Bell	24.50
No. 1245 —Bag for above Bugle	1.50
Hard case for above Bugle	6.25



No. 1238



No. 1239

BARO-TONE "G" BUGLES

Adult Corps Model

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

No. 1238 —Brass	\$20.00
No. 1238K —Chrome	29.50
No. 1238KG—Chrome, Gold Bell	31.00
No. 1238S —Silver	26.00
No. 1238SG—Silver, Gold Bell	27.50
No. 1237 —Bugle Bag for above	1.50

Junior Corps Model

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

No. 1239 —Brass	\$16.50
No. 1239K —Chrome	26.00
No. 1239KG—Chrome, Gold Bell	27.50
No. 1239S —Silver	22.50
No. 1239SG—Silver, Gold Bell	24.00
No. 1245 —Bugle Bag for above	1.50

Hard Cases Made to Order for Above Bugles.

FREE MUSIC

This Ludwig Folio of Drum Corps Music is given free with all orders of Ludwig Master Model Piston Bugles. Music written by Wm. F. Ludwig, Andrew V. Scott and E. Prescott for "G", "D" and Ludwig Piston Gun-Dee Bugles. Supplied only with orders for Piston Bugles—cannot be bought or secured in any other manner.



LUDWIG BATONS New Spinno Models

FOR MANY years Ludwig Spinno model batons have been the favorites of hundreds of famous twirling drum majors in high school, college, Legion and fraternal bands and drum corps.

Now Ludwig presents new Spinno batons—Regular and Speed models—which are destined to far surpass their predecessors!

These new models combine ideal length and weight with perfect balance and maximum strength and sturdiness. They are designed with new spiral center shaft, which aids in gripping, and blank ends which give the illusion of tremendous speed with just the average or normal spin. Tips are of half-round design, extremely strong, without any "curly cues" to injure the hand.

Both models are made with undentable aluminum alloy ball and strengthened shaft with genuine second-growth hickory dowel insert.

Regular Spinno Model

This new model has been shortened for easier twirling and better balance. Equipped with the famous Ludwig undentable aluminum alloy ball plus a genuine second-growth hickory insert in the shaft. The most expensive and finest chromium plating gives it an all over glitter and sparkle that makes it throw light rays like a sunburst. Spiral center shaft with blank ends and half-round tip. Truly the perfect baton for every purpose—parades, conventions, contests, high throws, under leg and arm passes and speed twirling. Balanced for twirling use only.

No. 543

The Ludwig Regular Improved Spinno baton. Length 34". Diameter of shaft, 3/8". Weight, approximately 28 ounces. New half-round tip. New hickory dowel insert. Each \$12.00

No. 543--Right
No. 535--Left

HICKORY DOWEL

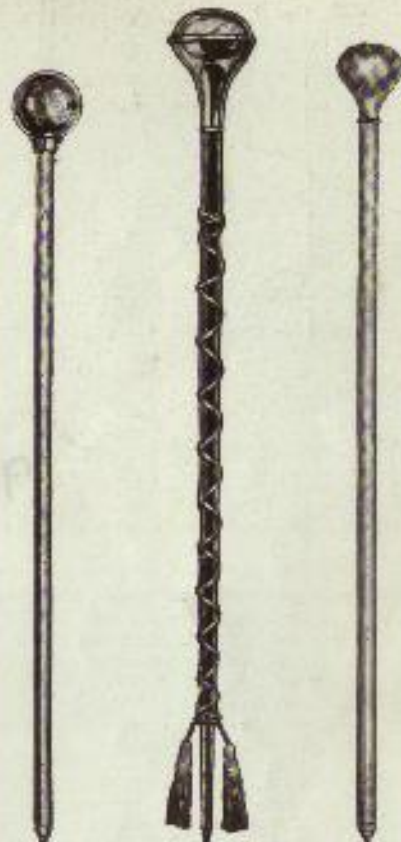
Both the Regular and Speed Spinno models are now made with a sturdy dowel insert of genuine second-growth hickory. This assures maximum strength and sturdiness. Either of these models will stand hard usage and high throws without a sign of spring or dent.

Speed Spinno Baton

No. 535

Speed and rapid fire dash are yours with this new model Ludwig Speed Spinno Baton, so designed that it gives the appearance of twice the speed you are actually using! The length is 32" shaft is 3/8" diameter with easier spiral and blank ends. Undentable aluminum alloy ball. Half-round plug tip. Weight approximately 22 ounces. Equipped with dowel insert of genuine second-growth hickory. This sensational new model is perfectly balanced for maximum speed in twirling. Has flash, ideal weight, length and diameter for finger spins, throws, underarm and leg passes, and even two baton work. Undoubtedly the greatest value in twirling batons ever produced.

No. 535—Speed Spinno Baton, each \$10.00



No. 534 No. 533 No. 548

No. 534—A featherweight signal baton that will not tire you on the longest parade. Shaft is 3/8" aluminum alloy and ball is of the same material. Nickel plated. Length 36", weight about 17 ounces ..\$10.00

No. 533—One of the favorites for straight signal work. Blue enameled wood staff with a heavily Nickel plated heavy gauge brass ball and ferrule. Yellow silk cord and tassels. Length 44", weight about 20 ounces 12.00

No. 548—A junior signal baton that is extremely light in weight. Has a 3/8" straight aluminum alloy shaft, Nickel plated, and wood ball finished in Gold lacquer. Recommended for Junior, Ladies' Auxiliary, and Boy and Girl Scout Corps because of its light weight. Length 32", weight about 11 ounces 6.00

Baton Covers

No. 542—Mockintosh cloth. Specify model of baton intended for, each\$3.00

Baton and Bugle Cords

No. 538—Yellow Silk Cord\$1.50
No. 540—Legion Yellow and Blue Combination with Tassels. Silk 1.50

DRUM SLINGS, COVERS, SNARES, KEYS AND PRACTICE PADS

Web Snare Drum Slings

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

No. 720—Web Snare Drum Sling, Specify color...\$1.20

Web Bass Drum Sling

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

No. 721—Web Bass Drum Sling, Specify color...\$1.50

Easy-Carry Bass Drum Sling

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

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

Sam Browne Belt Hook

Belt hook for carrying snare or tenor drum from a Sam Browne belt. Swivel type. Sturdily made and heavily nickel plated.

No. 698—Sam Browne Belt Hook\$0.75

Detachable Drum Leg Rest

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

No. 246—In Nickel\$2.50

No. 246K—Same, but in Chrome 3.50

Weather Defy Covers

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

All-Metal Snappi-Snares

Improves the tone and response of the drum. Each snare is separate and all lie flat against the head. Will not cut or injure the head. Patented spring butt attachment pushes snares away from head when drum is muffled with throw-off strainer. Can be used on any snare drum. 12 snares to the set. Specify size when ordering.

No. 703—For 14" diameter drum, set\$2.00

No. 704—For 15" diameter drum, set 2.00

No. 705—For 16" diameter drum, set 2.00

Gut Snares

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

No. 701—For Orchestra, set of 12\$1.80

No. 707—For Band, set of 12 2.00

Silk-Wire Snares

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

No. 702—For Orchestra and Band, set\$1.00

No. 702½—For Drum Corps 1.00

(See page 13 for Super-Ludwig Snares.)

Silent Practice Pads

No. 755—Rubber Pad for silent practice. Ideal in every way for teacher or pupil. Set at the right angle and will not creep or wobble...\$2.50

No. 730—A round practice pad with a gum rubber center giving proper rebound to sticks but eliminating all noise. Hardwood base. Inclined to proper playing angle\$1.00

Drum Keys

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

No. 754—Ludwig Drum Key, each\$0.20

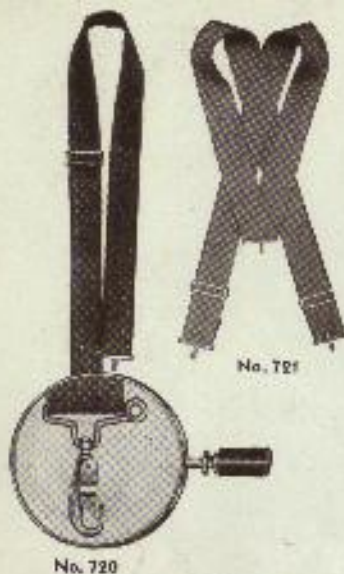
Super-Ludwig key with folding screw driver for adjusting individual snares on Super-Ludwig drums.

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

Music Holders

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

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



No. 721

No. 720



No. 741

No. 698



No. 246



No. 344



No. 704



No. 701



No. 705



No. 702



No. 754

No. 755



No. 742



No. 743



Made only by
Ludwig & Ludwig

LUDWIG WHISTLES, TRAPS, SOUND EFFECTS AND IMITATIONS

Locomotive and Bell Imitation

A fine locomotive and bell, police gong, and fire bell imitation. Realistic and easy to use. Strong, sturdy, and reliable, too. A very handy trap effect for radio and vaudeville use.

No. 528—Railroad imitation produced by brushing heavy wires in box with lever. Spring-equipped box with lever only\$6.00

No. 531—Bell or gong effect. 9" round heavy metal bell-plate with striker 2.50

No. 529—Railroad and Bell imitation combining the above two items. Nos. 528 and 531. Complete, as described above 3.50

3-Tone Boat and Train Whistle

The finest 3-tone Boat and Train whistle made. Will not overblow, and responds easily to the breath. All-metal, sturdy, reliable and true-toned. Measures 7 1/4" x 4 1/2". Nickel plated and serviceable.

No. 515 1/2—3-Tone Metal Whistle\$3.50

3-Tone Wood Whistle

Used for the same effects as the 3-toned metal whistle, equally as true-toned, and preferred by some because it is wood. Has the desired full, rich, sustained tone. Length is 15" over-all.

No. 521 1/2—3-Tone Wood Whistle\$3.60

Small 3-Tone Whistle

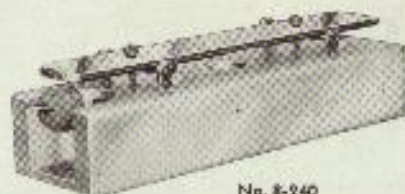
A nickel plated, compact excellent imitation of small boat, launch, interurban, and motorcycle whistles. A very effective, useful, inexpensive, and durable little effect. Only 5 1/2" long.

No. 522 1/2—Small 3-Tone Whistle\$1.00

Ludwig Song Whistle

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

No. 973—Ludwig Song Whistle\$1.50



No. 8-240

Studio Tuning Bar

The sounding bar of this splendid instrument is of the highest quality special alloy metal whose rich, sustained tone is definitely accurate in pitch at all times. The rubber sounding ball eliminates all harshness of impact when struck against the bar. There is no metal to lose or misplace! The rubber ball is merely flipped with the finger to produce the tone. Resonator is of wood finished in beautiful satin silver lacquer. Bar may be used on the desk or hung on the wall. Over all size of the instrument is 3" x 3" x 11".

No. 8-240—Studio Tuning Bar, 1 1/2" x 3/4" Bar. A-440 pitch. Chromium plated\$7.00

No. 8-241—Same, but B₄-468.2 Pitch ... 7.00

Sound Imitations

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

No. 500—Ludwig Cow Bawl\$2.00

No. 501—Ludwig Rooster Crow 1.75

No. 502—Ludwig Hen Cackle 1.50

No. 503—Ludwig Baby Cry 1.00

No. 505 1/2—Ludwig Duck Quack 1.25

No. 556—Ludwig Nose Blow20

No. 557—Ludwig Scare Imitation30

No. 495—Shot Cushion complete with pair of shot paddles 3.00

No. 494—Horse Hoof Imitation. Per pair 1.00

No. 552—Imitation Telegraph Key Sending Set. Each30

No. 508 1/2—All-In-One Imitation. For hen cackle, baby cry, duck quack, rooster crow, and other imitations. Each 1.75

Drum Major's Whistle

No. 524—Drum Major's Whistle used in Drum Corps and Bands to denote commands. Sharp, strong, and reliable. Molded Composition, with ring for neck cord\$0.30

No. 525—Of metal, and mounted on Wrist Strap 1.25

Sand Blocks

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

No. 752—Sand Blocks, per pair\$0.50

Wood Ratchet

Ratchet has four tongues which strike alternately, producing a clear rattle effect. Made of rock maple and contained in a pressed steel casing. Clamps securely to bass drum hoop without marring.

No. 475—Wood Ratchet\$2.50

Sleigh Bells

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

No. 490—Sleigh Bells\$2.50

Cyclone Whistles

The megaphone bell increases the volume of this whistle. Perfect mechanism. Loud blasts for cyclones, police and fire sirens; soft breath for gentle breezes.

No. 549—Megaphone Cyclone Whistle, in Nickel\$2.00

Regular Cyclone Whistle with identically same mechanism as in above but without megaphone bell.

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

Bird Whistle

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

No. 511—Bird Imitation, Nickel\$1.75

No. 4512—Economy Bird Whistle80

Cuckoo Call

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

No. 528 1/2—Cuckoo Call\$2.25



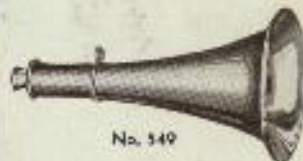
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No. 475



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No. 513



No. 511



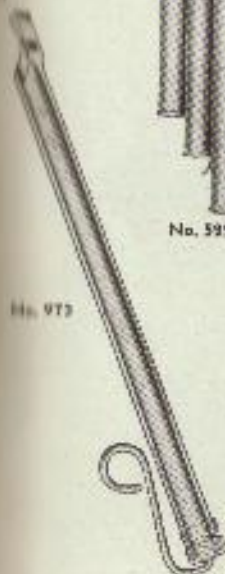
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No. 515



No. 521



No. 973

FIBRE DRUM CASES AND MACKINTOSH DRUM COVERS

Double Compartment Case

This case will pack any size snare drum from 3"x14" to 6½"x14", including Super-Ludwig models with the extended snares. It is made with two compartments for traps including the Ludwig Super-Speed model pedal and the High-Hat sock pedal. Made of reinforced three-ply laminated board, flannel lined, with special lock and clasps. Fully black Keratal covered with metal corner reinforcements. All metal fittings heavily nickel plated.

When 6½" drum is in case there is no room for cymbals.

No. 277½—Case as illustrated and described ... \$11.00

Suitcase Type With Tray

A strong case with a 2¼" tray for cymbals and small traps, or dress suit. Made of vulcanized fibre over a strong wood frame, and fitted with special lock, clasps and metal corner reinforcements. Sturdy and serviceable.

No. 303½—For 5" by 14" or 15" drums \$16.00

No. 304½—For 6½" by 14" or 15" drums 18.00

Carry-All Telescope Cases

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

No. 278½—For 14" drum \$9.00

No. 279½—For 15" drum 9.00

No. 280½—For 16" drum 8.00

Fibre Bass Drum Cases

Round telescope cases made of strong fibre adjustable for drums from 12" to 16" deep. Heavily reinforced for road service. Illustrated at right.

No. 296½—For 26" diameter bass drum \$19.00

No. 297½—For 28" diameter bass drum 20.00

No. 298½—For 30" diameter bass drum 21.00

No. 299½—For 32" diameter bass drum 22.00

No. 300½—For 34" diameter bass drum 23.00

Fibre Parade and Tenor Drum Case

A strong fibre telescope case that will give the drum ample protection. Not illustrated.

No. 291½—State drum shell diameter \$9.00

Fibre Disc Drum Head Protectors

Protects the heads when drum is not being used.

No. 354½—For 14" drum \$0.75

No. 355½—For 15" drum75

No. 357½—For 25" tympani 1.50

No. 358½—For 28" tympani 2.00

Other sizes at prices in proportion.

Round Fibre Orchestra Drum Cases

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

No. 288½—For 14" snare drum \$6.00

No. 289½—For 15" snare drum 6.00

No. 290½—For 16" snare drum 6.00

*Snap-Button Mackintosh Covers

Protects drums from dirt, dust and dampness. Made of extra heavy flannel-lined waterproof mackintosh cloth, strongly sewed, and fastened with Ludwig Snap-buttons.

For Bass Drums

No. 808—8x24" .. \$5.50

No. 804—8x26" .. 6.00

No. 803—8x28" .. 8.00

No. 809—12x24" .. 6.00

No. 811—12x26" .. 6.50

No. 812—14x26" .. 6.50

No. 881—10x20" .. 6.75

No. 814—12x28" .. 7.00

No. 815—14x20" .. \$7.25

No. 802—10x30" .. 7.25

No. 817—12x30" .. 7.50

No. 818—14x30" .. 8.00

No. 819—16x30" .. 8.50

No. 823—16x32" .. 8.75

No. 827—16x34" .. 9.50

For Snare Drums

No. 803—5 x14" Ludwig Super Drums \$3.75

No. 808—6½x11" Ludwig Super Drums 3.75

No. 846—3 x13" .. \$2.75

No. 833—4 x14" .. 2.75

No. 835—5 x14" .. 3.00

No. 837—6½x14" .. 3.00

No. 844—12x19" Tenor Drum \$4.25

No. 800—8x13" .. 3.00

No. 842—10x14" .. 3.50

No. 839—12x15" .. 3.75

No. 841—12x15" .. 3.75

*Pull Slide Mackintosh Covers

Made like the covers above but have a quick open and shut pull slide fastener. They open and shut in a jiffy. A very convenient cover.

For Snare Drums

No. 1833—4x14" .. \$3.75

No. 1835—5x14" .. \$4.00

No. 1837—6½x14" .. \$4.00

Not made for Ludwig Super Drums.

For Drum Corps Drums

No. 1839—12x15" .. \$5.00

No. 1843—12x17" .. \$3.50

No. 1841—12x18" .. 5.00

No. 1844—12x18" .. 5.50

For Bass Drums

No. 1809—12x24" .. \$8.00

No. 1811—12x26" .. \$8.50

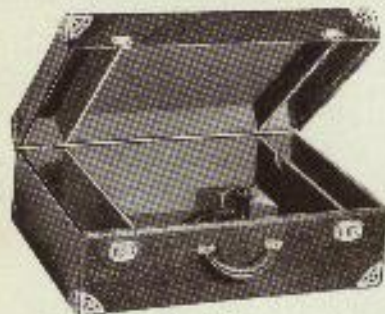
No. 1815—14x26" .. \$9.25

For Scotch Style Bass Drums

No. 1882—10x30" Scotch Bass Drum \$9.25

No. 1817—12x30" Scotch Bass Drum 8.50

*Order Covers by Actual Size of Drum Shell only. Do not use over-all measurements of your drum shell if you want your Mackintosh Cover to fit.



No. 277½



No. 303½



No. 291½



No. 288½



No. 297½



No. 1815
Pull Slide Cover

No. 835
Snap-Button Type

LUDWIG STANDS AND PEDAL AND DRUM REPAIR PARTS

Ludwig Pedal Parts

C-4	.....	\$0.05	P-519	.....	\$1.30
C-7	.....	.10	P-523	.....	1.00
C-105	.....	.95	P-525	.....	1.75
C-203	.....	.30	P-531	.....	1.65
C-304	.....	.30	P-537	.....	.20
P-5	.....	.10	P-540	.....	.20
P-6	.....	.10	PJ-15	.....	.20
P-8	.....	.10	PJ-18	.....	.60
P-10	.....	.20	PJ-25	.....	.30
P-11	.....	.10	PJ-39	.....	.05
P-12	.....	.05	PJ-507	.....	2.00
P-15	.....	.30	PJ-516	.....	1.00
P-20	.....	.15	PJ-522	.....	1.50
P-30	.....	.40	PJ-528 Assembly	.....	.90
P-34	.....	.10	PJ-531	.....	.40
P-47	.....	.10	PJ-534	.....	.30
P-48	.....	.05	PJ-537	.....	.20
P-504	.....	3.75	PJ-540	.....	.20
P-513	.....	.70	PJ-550	.....	.20

5-201 \$0.40

Ludwig Drum Rods

Ludwig Drum Rods are of steel heavily Nickeled.

No. 373—For 3" shell	.....	\$0.45
No. 374—For 4" shell	.....	.45
No. 375—For 5" shell	.....	.45
No. 376—For 6" shell	.....	.45
No. 378—For 8" shell	.....	.50
No. 381—For 10" shell	.....	.50
No. 382—For 12" shell	.....	.50
No. 383—For 14" shell	.....	.50
No. 384—For 18" shell	.....	.50
No. 398—Center Support Stud for Ludwig drums only, Nickel, each	.....	.15

Specify whether rods and center support studs are for Snare, Bass, or Parade Drum.

Snare Drum Parts

For Silver Anniversary Models

MD-3—Collar Screw for 6 1/2" drum	.....	\$0.15
MD-6A—Collar Screw for 5 1/2" drum	.....	.15
MD-7—Collar Screw Washer	.....	.03
MD-4—Tension Cass, Specify whether for wood or metal shell drum, Nickel	.....	.75

For Other Model Drums

No. 850—Lug for 4" drum	.....	\$0.60
No. 851—Lug for 5" drum	.....	.60
No. 852—Lug for 6 1/2" drum	.....	.60
MD-6A—Collar Screw, Fits 4", 5" and 6 1/2" drums	.....	.15
MD-7—Collar Screw Washer	.....	.03
MD-2—Drum Hook	.....	.20

Repair Service

Our Repair Department is equipped to serve you as satisfactorily and as speedily as the individual job will permit. Instruments must be sent prepaid with full instructions as to what is wanted. Prices will be quoted upon application.

In ordering repair parts give the catalog number, and full description: i.e. name, material, sizes, colors, finishes, etc. A drawing of the part may help to avoid delays made necessary by lengthy correspondence.

Professional Stand

The Ludwig Professional Snare Drum Stand is the most popular of all drum stands. It is strong, will not shake or wobble, is fully adjustable and will hold any size and model snare drum. All parts are carefully machined and fitted, and stand folds conveniently in a small space.

No. 331—Professional Stand, Nickel \$4.00

No. 331K—Same, in Chromium 6.00

Marvel Stand

The Marvel Snare Drum Stand has deep, rubber-cushioned arms that protect the plating on the hoops of the drum. Adjustable for 14", 15" or 18" diameter drums, for height, and for playing angle. Strong, solid, rigid, and durable. Folds compactly. Rubber feet on stand prevents slipping.

No. 336—Marvel Snare Drum Stand \$5.00

Heavy Model Stand

Has an extra heavy base, and is exceptionally strong, rigid and reliable. Adjustable for playing in a sitting or standing position.

No. 332—Heavy Model Stand \$5.00

Junior Stand

A slightly smaller, lighter weight stand than any of those above, but known for its strength and rigidity at the same time. Adjustable for height and playing angles, and takes little room when folded. For 13" and 14" drums.

No. 334—Junior Stand, in Nickel \$2.50

Juvenile Stand

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

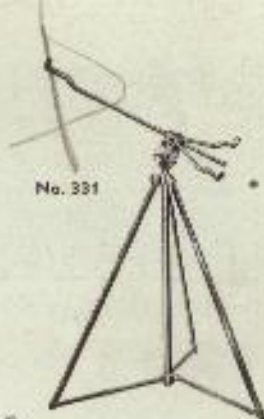
No. 330—Juvenile Stand (not illustrated), in Nickel only \$2.00

Metal Bass Drum Stand

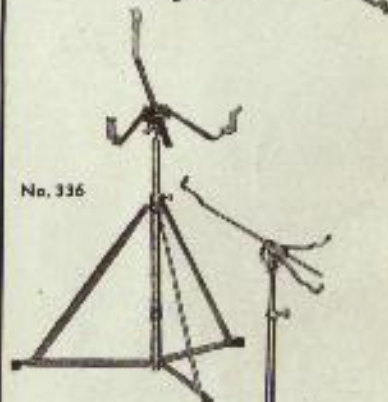
An exceptionally serviceable all-metal folding stand that is unusually strong and durable. Adjustable to height and bass drum shell size, and will hold the drum without wobbling.

No. 353—Bass Drum Stand, in Nickel \$5.00

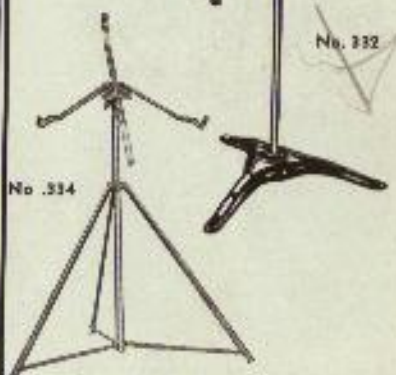
No. 353K—Same, in Chromium 9.00



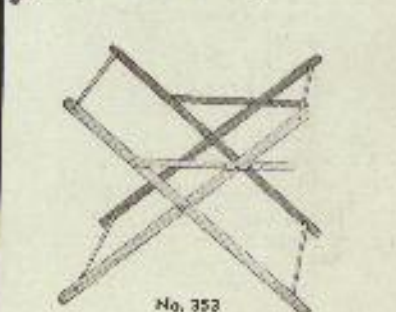
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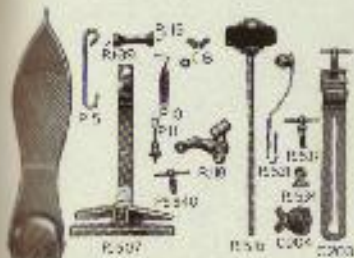
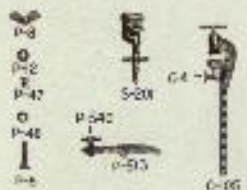
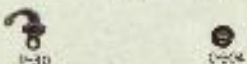
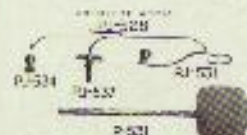
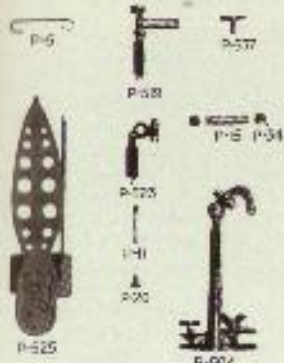
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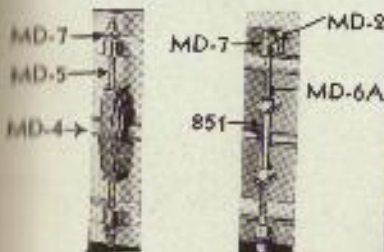
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No. 353



No. 363





Stretching calfskins for Ludwig drum heads



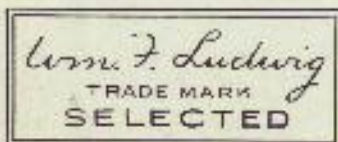
Shaving the skins
—a delicate and
important opera-
tion



Cutting, buffing and final shaving of heads



Every head carefully inspected and Ludwig
trade-marked before shipment



LUDWIG GUARANTEED QUALITY CALFSKIN DRUM HEADS

Drum Heads Are Important

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

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

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

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

WM. F. LUDWIG SELECTED HEADS

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

Snare Drum—Batter Side Only

No. 3909—17" for 13" drum	\$ 2.75
No. 3910—18" for 14" drum	3.00
No. 3911—19" for 15" drum	3.30
No. 3912—20" for 16" drum	3.60
No. 3913—21" for 17" drum	4.00
No. 3914—22" for 18" drum	4.25

Bass Drum

No. 3607—20" for 24" drum	\$ 6.20
No. 3608—30" for 26" drum	6.90
No. 3609—32" for 28" drum	7.60
No. 3810—34" for 30" drum	8.30
No. 3611—36" for 32" drum	9.20
No. 3612—38" for 34" drum	10.20
No. 3613—40" for 36" drum	11.70

Made In World's Finest Drum Head Plant

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

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

Look For The Ludwig Trademark

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

WHITECALF HEADS

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

Snare Drum—Batter Side Only

No. 809—17" for 13" drum	\$ 2.35
No. 910—18" for 14" drum	2.65
No. 911—19" for 15" drum	2.95
No. 912—20" for 16" drum	3.25
No. 913—21" for 17" drum	3.50
No. 914—22" for 18" drum	3.90

Bass Drum

No. 607—20" for 24" drum	\$ 5.00
No. 608—30" for 26" drum	5.70
No. 609—32" for 28" drum	6.40
No. 610—34" for 30" drum	7.10
No. 611—36" for 32" drum	8.00
No. 612—38" for 34" drum	9.00
No. 613—40" for 36" drum	10.50

Owing to the fluctuation in the cost of raw skins, we cannot guarantee head prices.

Prices are therefore subject to change without notice.



TRANSPARENT



LUDWIG CALFSKIN DRUM AND BANJO HEADS

CROWN-HEAD (transparent) Heads

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

Snare Drum—Snare Side Only

No. 819—17" for 13" drum	\$ 2.00
No. 820—18" for 14" drum	2.15
No. 821—19" for 15" drum	2.30
No. 822—20" for 16" drum	2.45
No. 823—21" for 17" drum	2.60
No. 824—22" for 18" drum	2.75

Snare Drum—Batter Side Only

No. 899—17" for 13" drum	\$ 2.00
No. 900—18" for 14" drum	2.15
No. 901—19" for 15" drum	2.30
No. 902—20" for 16" drum	2.45
No. 903—21" for 17" drum	2.60
No. 904—22" for 18" drum	2.75

"LUDWIG VELLOUR" Tympani Heads

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

No. 620—22" for 23" tympani	\$ 6.50
No. 621—30" for 24" tympani	7.10
No. 622—32" for 25" or 26" tympani	7.80
No. 623—33" for 27" tympani	8.15
No. 624—34" for 28" or 29" tympani	8.50
No. 625—36" for 30" tympani	9.50

COMMERCIAL L & L TRANSPARENT HEADS

Snare Side

No. 2919—17" for 13" drum	\$1.75
No. 2920—18" for 14" drum	1.90
No. 2921—19" for 15" drum	2.05
No. 2922—20" for 16" drum	2.20
No. 2923—21" for 17" drum	2.35
No. 2924—22" for 18" drum	2.50

Batter Side

No. 2999—17" for 13" drum	\$1.75
No. 2900—18" for 14" drum	1.90
No. 2901—19" for 15" drum	2.05
No. 2902—20" for 16" drum	2.20
No. 2903—21" for 17" drum	2.35
No. 2904—22" for 18" drum	2.50

Owing to the fluctuation in the cost of raw skins, we cannot guarantee head prices.

Prices are therefore subject to change without notice.

Flesh Hoop and Head Tucking Prices

No. 640—Flesh Hoop for Snare Drum	\$0.40
(State whether Batter or Snare Side)	
No. 650—Tucking Snare Drum Head on wood flesh hoop	.30

SPECIAL COMBINATION OFFER

Special Ludwig factory equipment enables us to tuck heads more evenly and firmly. This insures longer wear; heads do not pull down so easily, and tone is greatly improved. Combination offer of Ludwig factory tucked heads on Ludwig wood flesh hoops (for snare drum).

SPECIAL at only \$0.60

No. 641—Flesh Hoop for Bass Drum	.80
(State Shell Size, also age and make of drum).	
No. 652—Tucking Bass Drum Head	.75
No. 642—Flesh Hoop for Tympani	2.00
(State Kettle Size)	
No. 651—Tucking Tympani Head	1.00

Drum Head Retainer

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

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

Wm. F. Ludwig SELECTED Mounted Banjo Heads

These banjo heads are made from the finest calfskin available for this use, and are especially processed to obtain the clean, hard, white, smooth finish. Already tucked on hoops ready to be used on the banjo. Each head is wrapped in glassine and packed in an individual box.

No. 5896½—Banjo Head Tucked on Hoop—in individual wrapping and box	\$5.00
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Wm. F. Ludwig SELECTED Unmounted Banjo Heads

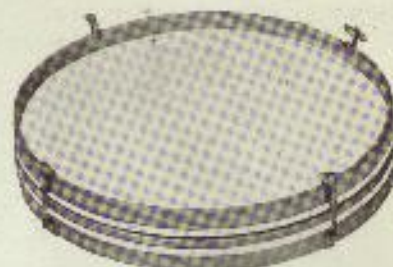
These are the same heads as those described above but are unmounted. Insist on Wm. F. Ludwig SELECTED banjo heads.

No. 3894—12" for 9" banjo	\$2.40
No. 3895—13" for 10" banjo	2.70
No. 3896—14" for 11" banjo	3.00

WHITECALF Unmounted Banjo Heads

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

No. 894—12" for 9" banjo	\$1.25
No. 895—13" for 10" banjo	1.50
No. 896—14" for 11" banjo	1.75



No. 626



No. 5896

Genuine
Ludwig & Ludwig Heads
are
Indelibly Trade Marked
with the
Ludwig & Ludwig Name



No. 691

LUDWIG LIBRARY OF VALUABLE BOOKS AND INSTRUCTORS

The Moeller Book

The famous instructor originally known as the Ludwig Instructor in the Art of Snare Drumming renamed in tribute to its author, Sanford A. Moeller, one of the foremost exponents of the rudiments. The complete rudimental instructor.

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

30 pages, 9 1/4" x 12"

No. 697—The Moeller Book\$2.00

30 Cymbal Breaks—70 Drum Beats

Revised to include the highly popular rumba rhythms as well as the 30 cymbal breaks and 70 tricky drum beats, this text will enable the drummer to give his playing new sparkle, pep and variety.

No. 692—1935 Revised Edition\$1.00

Ludwig Drum Corps Guide

An advanced instructor including the following: Organization and maintenance of a drum corps; Parade Positions and Formations; Tenor and Scotch drum instruction; Convention, Contest, and Stunt Night Tips; Field and Street Drills; Drills and Maneuvers including eight by famous drill masters; Street Drum Beats: 52 pages of drum corps music without "D" bugles, and 10 pages including "D" music. Valuable to every Drum Corps man. (Revised 1932 Edition).

No. 688—84 pages, size 7 1/4" x 10 1/4"\$1.50

"The Ludwig Drummer"

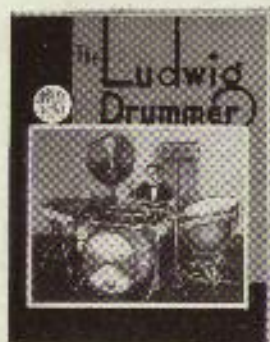
THE LUDWIG DRUMMER, crammed full of all kinds of interesting drummer news, instructive articles, tips, new ideas, pictures, and the latest developments in drummers' instruments, is published periodically and mailed to drummers all over the world free of charge. If you are not receiving this valuable, newswy magazine, send us your name and address and we will be glad to send it to you as often as it is issued.



No. 692



No. 688



Ludwig Drummer

OTHER HELPFUL LUDWIG BOOKS

No. 686—Ludwig Vibra-Cellecte Instructor (see page 6)\$2.50

No. 4401—Ludwig Juvenile Rhythm Band Instructor 1.00

No. 4404—Ludwig Tuned Time Ball and Rhythm Band Instructor 1.00

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

Ludwig Tympani Instructor

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

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

No. 687—72 pages, 9" x 12"\$2.00

How to Twirl A Baton

Reveals the secrets of real baton twirling for the first time, and is so written and illustrated that anyone can now master this art with a bit of diligent study and application. Contains seventeen photos and twenty-eight pen illustrations.

No. 689—40 pages, 5 1/2" x 8"\$1.00

Ludwig Drum and Bugle Manual

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

No. 690—64 pages, 7 1/4" x 10 1/4"\$1.00

The Drum Major's Manual

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

No. 685—60 pages, 5 1/2" x 8"\$1.00

Blue and Gold Music Folio

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

No. 694—96 pages, 7 1/2" x 10 1/2"\$1.00



No. 687



No. 689



No. 694



No. 685



No. 690

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Aero-Kraft Shell Construction	20	Drum Corps Snare Drums	17, 18	Sand Blocks	43
All-in-One Trap	43	Drum Corps Bass Drums	19	Scotch Bass Drums	19
Animal Imitations	43	Drum Corps Tenor Drums	19	Scotch Bass Drum Sticks	38
Baby Cey	43	Drum Corps Accessories	42	Silk Wire Snares	42
Bass Drums	19 to 21	Drum Corps Instructors	43	Slap Sticks	33
Bass Drums, Drum Corps	19	Drum Major's Batons	41	Sleigh Bells	43
Bass Drums, Giant, and Carriages	20	Drum Cases, Fibre	44	Slings, Snare and Bass Drum	42
Bass Drum Lights	22	Drum Covers, Mackintosh	44	Snares, Super Ludwig	13
Bass Drum Muffler	33	Drum Heads	46, 47	Snares, Snappi-Snares, Gut, and Silk-Wire	42
Bass Drum Stand	45	Drum Head Retainers	47	Snore Imitation	43
Bass Drum Sticks	38	Drum Head Tucking and Flesh Hoops	47	Song Whistle	41
Batons and Baton Covers	41	Drum Head Scenes	22	Spurs, Bass Drum	31
Bells	10 and 11	Drum Parts	45	Spurs, Disappearing	31
Bells, Tuned Time	35	Fibre Drum Cases	44	Stands, Bell	10
Bell Mallets	38	Flesh Hoops	47	Stands, Drum	49
Bell Plate	43	Gongs, Chinese	27	Stands, Tom-Tom	34
Bell Stands	10	Gut Snares	42	Stands, Tympani	5
Bell-Lyra	11	Heads, Snare, Bass, Tympani and Banjo	46, 47	Steamboat Whistles	43
Bird Whistles	43	Head Tucking and Flesh Hoops	47	Sticks, Blue End	37
Bob White Imitation (All-in-One Trap)	43	Head Retainers	47	Sticks, All Kinds	38 to 38
Bugles, and Bugle Bags	40	Hen Cackle	43	Synco-Jazz Brushes	36
Bugle Cords	41	Holders, Trap Console, Board, Table, and Rail	32, 33, 34	Tambourines	35
Bugle-Lyra	11	Holders, Cow Bell	33	Temple Blocks and Holders	32
Cases - Drums Fibre	44	Holders, Temple Block	32	Tenor Drums	19
Castanets	35	Holders, Tom-Tom	34	Tenor Drum Sticks	38
Chimes	11	Holders, Triangle	33	Tom-Toms, Chinese, and Holders	34
Claves	35	Holders, Wood Block	33	Tom-Toms, Tunable, and Stands	34
Cords, Baton and Bugle	41	Hoops, Flesh	47	Trap Board, Console, Rail and Tables	33
Covers, Mackintosh	44	Imitations	43	Triangles and Holders	33
Cow Bawl Imitation	43	Instruction Books, Drum Corps	48	Trunks, Tympani	5
Cow Call (All-in-One Trap)	43	Instruction Books, Ludwig Library of	48	Tuned Time Bells	35
Cow Bells and Holders	33	Keys, Drum	42	Tuning Bars	43
Quakoo Imitation	43	Leg Rest, Drum Corps	42	Tympani	4 and 5
Cyclone Whistles	43	Lights, Bass Drum Blinker	22	Tympani Accessories	5
Cymbals	27, 28	Locomotive Imitation	43	Tympani Covers	5
Cymbal Holders	29	Locomotive Whistles	43	Tympani Instructor	48
Cymbal Holders, Pedal	31	Lyra-Bell	11	Tympani Stands	5
Cymbal Pedals	29	Lyra-Bugle	11	Tympani Sticks	36
Cymbal Straps and Pads	29	Mallets, Bell and Xylophone	38	Tympani Trunks	5
Cymbal Suspenders	29	Maracas	35	Tympani Tuning Pitch Pipe	5
Drums, Snare	12 to 16	Marimbas and Xylophones	6 to 9	Tympani Wheels	3
Drums, Bass	19 to 21	Marimba and Xylophone Mallets	38	Tunable Tom-Toms and Stands	34
Drums, DeLuxe Snare and Bass	22 and 26	Muffler, Bass Drum	33	Two-Tone Wood Block	33
		Multi-Color Finish	22	Vibra-Celeste	9
		Music Holders	42	Vibra-Celeste, Portable Model	9
		Nose Blow Imitation	43	Vibra-Celeste Instructor	9
		Outfits, DeLuxe and Regular	23 to 25	Vibra-Celeste Mallets	38
		Outfits, Juvenile and Junior	25	Whistle, Drum Major's	43
		Painted Bass Drum Scenes	23	Whistles, Cyclone and Bird	43
		Pearl Finishes	22, 24, 25, 26	Whistles, Song	43
		Pedals	30, 31	Whistles, 3-Tone and Train	43
		Pedal Parts	45	Weather Daily Covers, Drum Corps	42
		Pedal Cymbal Holders	31	Wood Blocks, Two-Tone, Chinese and Piccolo	33
		Practice Pads, Drum	42	Xylophones	7, 8 and 10
		Rain Covers for Drum Corps Snare Drums	42	Xylophone Mallets	38
		Ratchet	43		

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