

\$3.00

LUDWIG TOTAL PERCUSSION



LUDWIG

INTRODUCTION

LUDWIG – THE DIAMOND JUBILEE COMPANY

For 75 years Ludwig has supplied the finest quality percussion instruments to the world. This heritage reflects the love for percussion through three generations of the Ludwig family – two of them still active in the company.

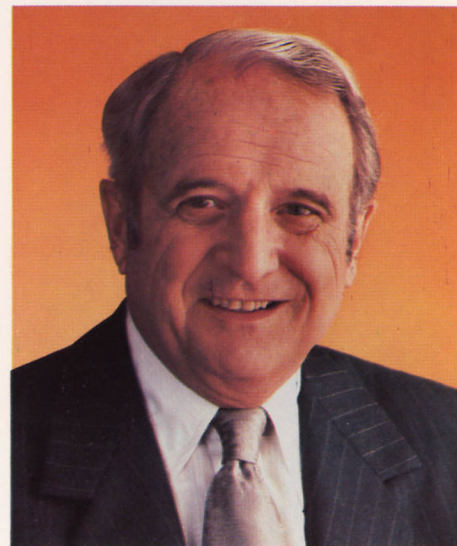
But it takes more than love of percussion to get on top and stay there! It takes hard work, planning, and close attention to every detail. These factors have marked the growth of Ludwig from its birth in a garage on Chicago's west side to its preeminence today. Head and shoulders above all the others, Ludwig is easily the world's largest total percussion organization.

No other percussion maker in the world approaches the range of Ludwig's fundamental inventions and patents: First practical drum pedal (1909); first all-metal

separate tension snare drum; first throw-off snare strainer; first flanged metal counterhoop; first portable pedal-tuned timpani; first double throw-off snare strainer; first internal tone control; first ball bearing floor pedal; first pearl finishes; first self-aligning tension casings; first tunable tom toms; first to sell complete drum outfits; first twin spring pedal; first chromatic bell lyra.

This tradition of leadership continues to this day through the merger of Ludwig Industries into The Selmer Company, whose fine band instruments have been well known for some 80 years. Now, more than ever before, Ludwig and Musser products are available through a global network of first-line dealers and distributors in every major country of the free world.

Thus, we look forward with great confidence to the future and the opportunity of continuing to supply the very best percussion instruments and to serve you to the very best of our ability.



William F. Ludwig Jr., one of the world's leading percussion authorities.

LUDWIG DRUM SHELLS

The Ludwig Company makes drum shells of wood and metal. Our wood shells are formed from select veneers. These are first glued into cross-grained panels. Cross-graining increases strength without increasing weight as well. Since these veneers are prepared, glued, and pressed in our own factory, we maintain close control over each step.

The panels are double trimmed (cut on opposite edges at the same time). Double cutting ensures strict dimensional control both in the widths and lengths. Control of lengths is important when three panels are bent into a ring, butted at three points, and glued together under pressure in a die mold to form Ludwig shells. Each of the three panels has to be a slightly different length – and there is no margin of error on these joints.

At each step inspectors reject any shell that won't yield one of those beautiful natural wood finishes Ludwig is famous for!

Between steps in their construction, panels and shells are stabilized in holding rooms under strict humidity and temperature controls. This protects against later ravages of climate in the field.

The shells are sanded inside and out, and variously finished as requested by drummers throughout the world.

Ludwig metal shells are drawn in single dies from solid squares of metal, and thus have no seams. This ensures near-perfect shapes and a pressed-in snare bed – essential in supplying crisp snare action. Seamless Ludwig shells have been our trademark for many years!

Ludwig metal shells are constructed of a hard, stiff metal alloy that combines great strength with light weight. Bronze shells are harder yet, and can be hand hammered if desired.



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LUDWIG TOTAL PERCUSSION



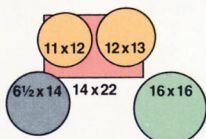


LUDWIG 75TH ANNIVERSARY OUTFIT

This commemorative outfit was created especially to recognize the Ludwig Diamond Jubilee. It incorporates all the quality and value resulting from three generations of craftsmanship in the U.S.A. While the design and configuration are as contemporary as tomorrow, its appearance reflects the Ludwig tradition with the American eagle emblem, the Ludwig keystone, and Ludwig script logo. Destined to be a collector's item.

Also available in No. L-989 Big Beat configuration, use Cat. No. L-2961.

No. L-2960 – Complete outfit.



DOUBLE HEADED POWER TOMS	ALL METAL SNARE DRUM
11 x 12 inches 12 x 13 inches	6 1/2 x 14 inches
DOUBLE HEADED FLOOR TOM	CLASSIC BASS DRUM
16 x 16 inches	14 x 22 inches

ACCESSORIES	ACCESSORIES
Atlas II Cymbal Stands (2) Atlas II Hi-Hat Stand Atlas II Snare Drum Stand Speed King Foot Pedal	Double Tom Holder Tom Mounting Brackets (2) 11A Drumsticks 191 Brushes

Outfit is illustrated with natural maple finish.

Cymbals not included.
For drum cases see pages 102-103.

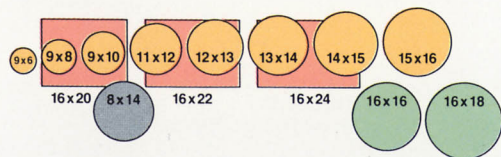


MODULAR NO LIMIT

To celebrate our 75th anniversary, we proudly introduce the most magnificent drum outfit we have ever assembled! This set contains no less than three bass drums – 14 individual drums in all, with supporting Modular hardware!

No. L-3160 – Complete outfit.

TOP VIEW



For drum cases see pages 102-103.

NO.	DOUBLE HEADED POWER TOMS	NO.	DOUBLE HEADED FLOOR TOMS
L-612	9 x 6 inches	L-950	16 x 16 inches
L-613	9 x 8 inches	L-952	16 x 18 inches
L-614	9 x 10 inches		
L-615	11 x 12 inches	NO.	POWER BASS DRUMS
L-616	12 x 13 inches	L-921	16 x 20 inches w/1308 spurs
L-617	13 x 14 inches	L-923	16 x 22 inches w/1308 spurs
L-618	14 x 15 inches	L-925	16 x 24 inches w/1308 spurs
L-619	15 x 16 inches		
NO.	SLOTTED SNARE DRUM		
L-904Y	8 x 14 inches w/die-cast hoops		

Outfit is illustrated with maple finish. Cymbals and cowbells not included.

NO.	ACCESSORIES	NO.	ACCESSORIES
L-137	Add-on Ride Cymbal Double Cow Bell Holder	L-3027	Modular Auxiliary Closed Hi-Hat
L-1127	Hi-Hat Brace	L-3050	Modular Snare Stand
L-1409	Outfit Trap Table	L-3052	Modular Boom Cymbal Stand
L-3019	Modular Add-On Cymbal Holder	L-3053	Modular Hi-Hat Stand
L-3023	Modular Add-On Cymbal Holder with Dog Bone	L-3055	Modular Tom Stand (4)
L-3024	Modular Add-On Overhead Cymbal Holder	L-201	Speed King Pedal (3)
		5AL	Pair of sticks
		L-191	Pair of Red Grooved Brushes

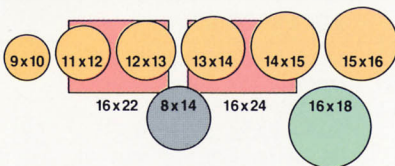


MODULAR HIGH RISE

This outfit features the slotted high volume snare drum in the 8" x 14" rock size. Supporting drums include a wide range of double-headed models, all equipped with the latest Ludwig Modular holders and stands.

No. L-3161 – Complete outfit.

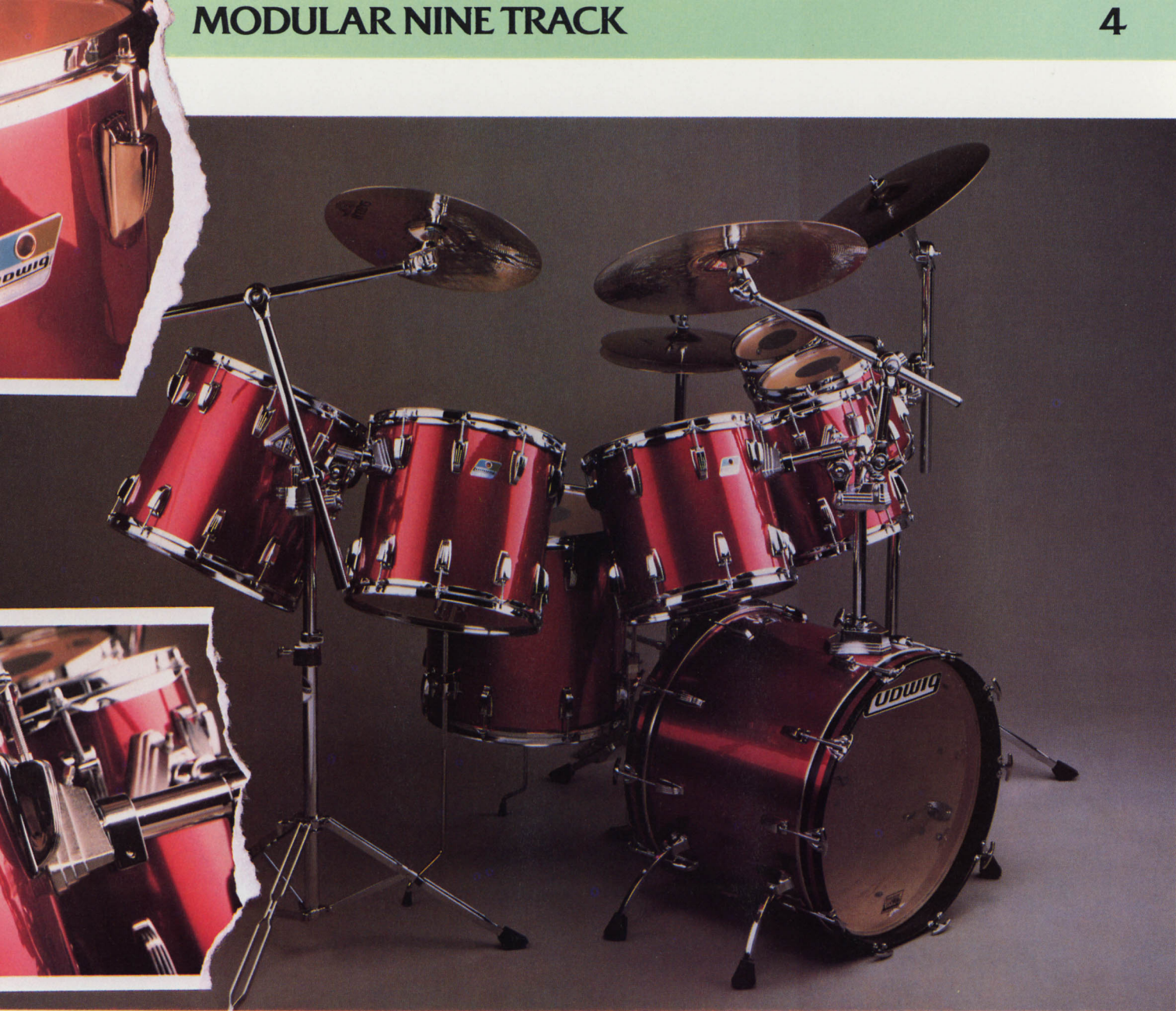
TOP VIEW



NO.	DOUBLE HEADED POWER TOMS	NO.	DOUBLE HEADED FLOOR TOM
L-614	9 x 10 inches	L-952	16 x 18 inches
L-615	11 x 12 inches		POWER BASS DRUMS
L-616	12 x 13 inches		
L-617	13 x 14 inches.		
L-618	14 x 15 inches		
L-619	15 x 16 inches		
	SLOTTED SNARE DRUM		
L-904Y	8 x 14 inches w/die-cast hoops		

NO.	ACCESSORIES	NO.	ACCESSORIES
L-3055	Modular Tom Stand (3)	L-3024	Modular Add-On Overhead Cymbal Holder
L-3053	Modular Hi-Hat Stand	L-1409	Outfit Trap Table
L-3050	Modular Snare Stand	L-1127	Hi-Hat Brace
L-3069	Modular Double Mini Boom Cymbal Stand	L-201	Speed King Pedal (2)
L-3019	Modular Add-On Cymbal Holder	5AL	Pair of sticks
L-3027	Modular Auxiliary Closed Hi-Hat	L-191	Pair of Red Grooved Brushes

Outfit is illustrated with walnut finish. Cymbals not included. For drum cases see pages 102-103.



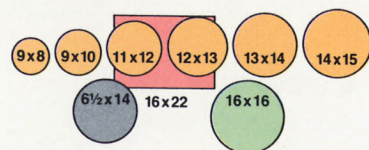
MODULAR NINE TRACK

Eight six-ply wood shell double-headed Power drums and an all-metal Supra-Phonic snare drum give this setup an octave-plus range.

No. L-3162 – Complete outfit.

DOUBLE HEADED POWER TOMS		ALL METAL SNARE DRUM	
L-613	9 x 8 inches	L-402	6½ x 14 inches
L-614	9 x 10 inches		DOUBLE HEADED FLOOR TOM
L-615	11 x 12 inches		
L-616	12 x 13 inches	L-950	16 x 16 inches
L-617	13 x 14 inches		POWER BASS DRUM
L-618	14 x 15 inches	L-923	16 x 22 inches w/1308 spurs

TOP VIEW



NO.	ACCESSORIES	NO.	ACCESSORIES
L-3002	Modular Double Tom Holder	L-3053	Modular Hi-Hat Stand
L-3023	Modular Add-On Cymbal Holder with Dog Bone	L-3055	Modular Tom Stand (2)
L-3024	Modular Add-On Overhead Cymbal Holder (2)	L-201	Speed King Pedal
L-3050	Modular Snare Stand	5AL	Pair of sticks
		L-191	Pair of Red Grooved Brushes

Outfit is illustrated with wine silk finish. Cymbals not included. For drum cases see pages 102-103.

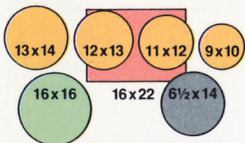


MODULAR SOUTHPAW

Ludwig's tribute to left-handed drummers everywhere is built around Power toms, Power bass drum, and the 6½" Supra-Phonic all-metal snare drum. This outfit readily adaptable for use by right-handed drummers.

No. L-2104 – Complete outfit.

TOP VIEW



NO.	DOUBLE HEADED POWER TOMS	NO.	ALL METAL SNARE DRUM
L-614	9 x 10 inches	L-402	6½ x 14 inches
L-615	11 x 12 inches		POWER BASS DRUM
L-616	12 x 13 inches	L-923	16 x 22 inches w/1308 spurs
L-617	13 x 14 inches		
	DOUBLE HEADED FLOOR TOM		
L-950	16 x 16 inches		

NO.	ACCESSORIES	NO.	ACCESSORIES
L-3050	Modular Snare Stand	L-201	Speed King Pedal
L-3052	Modular Boom Cymbal Stand (2)	11A	Pair of sticks
L-3053	Modular Hi-Hat Stand	L-191	Pair of Red Grooved Brushes
L-3055	Modular Double Tom Stand (2)		

Outfit is illustrated with brushed gold finish. Cymbals not included. For drum cases see pages 102-103.

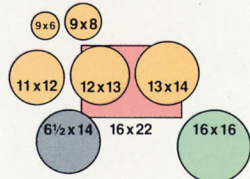


MODULAR POWER OPTION

The 6" and 8" Power toms and all-metal Supra-Phonic snare drum give this outfit an incisive sound to cut through upper register rock riffs.

No. L-3163 – Complete outfit.

TOP VIEW



NO.	DOUBLE HEADED POWER TOMS	NO.	ALL METAL SNARE DRUM
L-612	9 x 6 inches	L-402	6½ x 14 inches
L-613	9 x 8 inches		DOUBLE HEADED FLOOR TOM
L-615	11 x 12 inches	L-950	16 x 16 inches
L-616	12 x 13 inches		POWER BASS DRUM
L-617	13 x 14 inches	L-923	16 x 22 inches w/1308 spurs

NO.	ACCESSORIES	NO.	ACCESSORIES
L-3050	Modular Snare Stand	L-3074	Modular Add-On Single Tom Holder
L-3052	Modular Boom Cymbal Stand (2)	L-201	Speed King Pedal
L-3053	Modular Hi-Hat Stand	5AL	Pair of sticks
L-3057	Modular Quad Tom Stand	L-191	Pair of Red Grooved Brushes

Outfit is illustrated with walnut finish. Cymbals not included. For drum cases see pages 102-103.



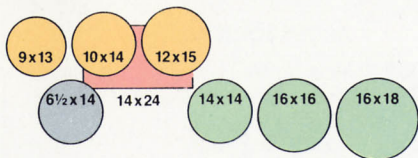
MODULAR FLOOR POWER

Double-headed Power tom toms and Ludwig's Classic bass drum join three double-headed Power floor tom toms for a timpani-like pitch scale.

No. L-3164 – Complete outfit.

NO.	DOUBLE HEADED CLASSIC TOMS	NO.	DOUBLE HEADED CLASSIC FLOOR TOMS
L-944	9 x 13 inches	L-948	14 x 14 inches
L-946	10 x 14 inches	L-950	16 x 16 inches
L-947	12 x 15 inches	L-952	16 x 18 inches
	ALL METAL SNARE DRUM		CLASSIC BASS DRUM
L-402	6½ x 14 inches	L-924	14 x 24 inches w/1308 spurs

TOP VIEW



NO.	ACCESSORIES	NO.	ACCESSORIES
L-3002	Modular Double Tom Holder	L-3074	Modular Single Tom Holder
L-3050	Modular Snare Stand	P-1762B	Modular Tom Holder Casting
L-3051	Modular Cymbal Stand	L-201	Speed King Pedal
L-3052	Modular Boom Cymbal Stand	5AL	Pair of sticks
L-3053	Modular Hi-Hat Stand	L-191	Pair of Red Grooved Brushes

Outfit is illustrated with chrome-o-wood. Cymbals not included. For drum cases see pages 102-103.



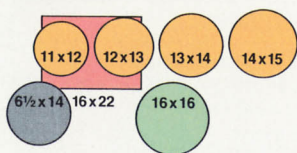
MODULAR FAST TRACK

This seven-piece setup has Power double-headed tom toms, and a Supra-Phonic snare drum equipped with coiled wire snares. Gut snares may be attached to this versatile strainer if desired.

No. L-3165 – Complete outfit.

NO.	DOUBLE HEADED POWER TOMS	NO.	ALL METAL SNARE DRUM
L-615	11 x 12 inches	L-402	6½ x 14 inches
L-616	12 x 13 inches		POWER BASS DRUM
L-617	13 x 14 inches	L-923	16 x 22 inches w/1308 spurs
L-618	14 x 15 inches		
	DOUBLE HEADED FLOOR TOM		
L-950	16 x 16 inches		

TOP VIEW



NO.	ACCESSORIES	NO.	ACCESSORIES
P-2931	Add-On Upright Cymbal Holder	L-3068	Modular Mini Boom Cymbal Stand
L-3002	Modular Double Tom Holder	L-3073	Modular Add-On Double Cow Bell Holder
L-3050	Modular Snare Stand	L-201	Speed King Pedal
L-3052	Modular Boom Cymbal Stand	5AL	Pair of sticks
L-3053	Modular Hi-Hat Stand	L-191	Pair of Red Grooved Brushes
L-3055	Modular Double Tom Stand		

Outfit is illustrated with white gloss finish. Cymbals and cowbells not included. For drum cases see pages 102-103.

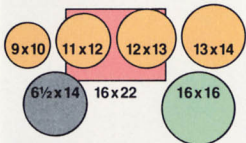
MODULAR DOUBLE RACK

No. L-2107 – Complete outfit

NO.	DOUBLE HEADED POWER TOM
L-614	9 x 10 inches
L-615	11 x 12 inches
L-616	12 x 13 inches
L-617	13 x 14 inches
DOUBLE HEADED FLOOR TOM	
L-950	16 x 16 inches
ALL METAL SNARE DRUM	
L-402	6½ x 14 inches
POWER BASS DRUM	
L-923	16 x 22 inches w/1308 spurs
ACCESSORIES	
L-3050	Modular Snare Stand
L-3051	Modular Cymbal Stand (2)
L-3053	Modular Hi-Hat Stand
L-3055	Modular Double Tom Stand (2)
L-201	Speed King Pedal
5AL	Pair of sticks
L-191	Pair of Red Grooved Brushes

Outfit is illustrated with mahogany finish.

TOP VIEW

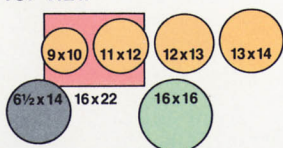


MODULAR FIRE POWER

No. 3114 – Complete outfit.

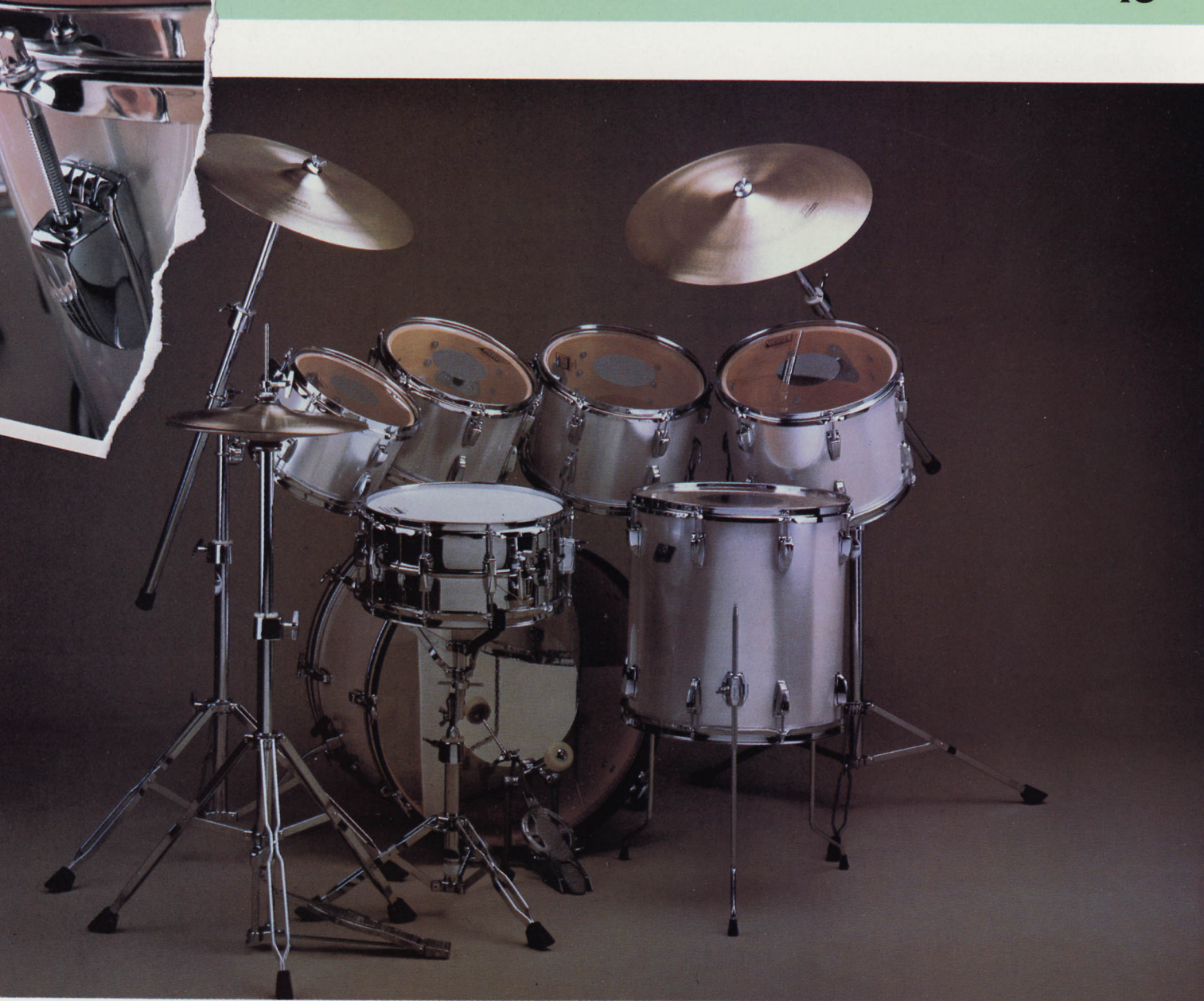
NO.	DOUBLE HEADED POWER TOMS
L-614	9 x 10 inches
L-615	11 x 12 inches
L-616	12 x 13 inches
L-617	13 x 14 inches
DOUBLE HEADED FLOOR TOM	
L-950	16 x 16 inches
ALL METAL SNARE DRUM	
L-402	6½ x 14 inches
POWER BASS DRUM	
L-923	16 x 22 inches w/1308 spurs
ACCESSORIES	
L-3002	Modular Double Tom Holder
L-3023	Modular Add-On Cymbal Holder with Dog Bone
L-3050	Modular Snare Stand
L-3051	Modular Cymbal Stand
L-3053	Modular Hi-Hat Stand
L-3055	Modular Double Tom Stand
L-201	Speed King Pedal
11A	Pair of sticks
L-191	Pair of Red Grooved Brushes

TOP VIEW



Outfit is illustrated with wine silk.

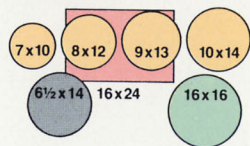
Cymbals not included. For drum cases see pages 102-103.



MODULAR PLAYBACK

No. L-3166 – Complete outfit.

TOP VIEW



NO.	DOUBLE HEADED CLASSIC TOMS	NO.	ALL METAL SNARE DRUM
L-936	7 x 10 inches	L-402	6½ x 14 inches
L-942	8 x 12 inches		CLASSIC BASS DRUM
L-944	9 x 13 inches	L-924	14 x 24 inches w/1308 spurs
L-946	10 x 14 inches		
	DOUBLE HEADED FLOOR TOM		
L-950	16 x 16 inches		

NO.	ACCESSORIES	NO.	ACCESSORIES
L-3002	Modular Double Tom Holder	L-3074	Modular Add-On Single Tom Holder (2)
L-3050	Modular Snare Stand	L-201	Speed King Pedal
L-3052	Modular Boom Cymbal Stand (2)	5AL	Pair of sticks
L-3053	Modular Hi-Hat Stand	L-191	Pair of Red Grooved Brushes

Outfit is illustrated with silver silk finish. Cymbals not included. For drum cases see pages 102-103.



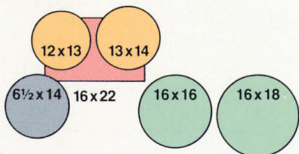
MODULAR SIX TRACK

Modular tom tom holders suspend the shells, eliminating leg braces and greatly improving resonance. The result is a timpani-like sound.

No. L-3167 – Complete outfit.

NO.	DOUBLE HEADED SUSPENDED FLOOR TOM	NO.	DOUBLE HEADED POWER TOM
L-951	16 x 16 inches	L-616	12 x 13 inches
L-953	16 x 18 inches	L-617	13 x 14 inches
ALL METAL SNARE DRUM		POWER BASS DRUM	
L-402	6½ x 14 inches	L-923	16 x 22 inches w/1308 spurs

TOP VIEW



NO.	ACCESSORIES	NO.	ACCESSORIES
L-3002	Modular Double Tom Holder	L-3068	Modular Mini Boom Cymbal Stand
L-3019	Modular Add-On Cymbal Holder	L-201	Speed King Pedal
L-3050	Modular Snare Stand	5AL	Pair of sticks
L-3053	Modular Hi-Hat Stand	L-191	Pair of Red Grooved Brushes
L-3055	Modular Double Tom Stand		

Outfit is illustrated with red silk finish. Cymbals not included. For drum cases see pages 102-103.



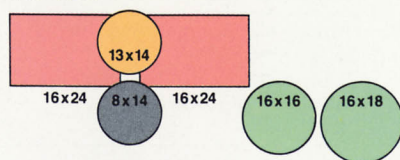
MODULAR DOUBLE DOWN

The snare drum is the deep 8" x 14" wood shell model especially designed for rock, over a foundation laid by two 16" x 24" Power bass drums.

No. L-3168 – Complete outfit.

NO.	DOUBLE HEADED FLOOR TOMS	NO.	COLISEUM SNARE DRUM
L-950	16 x 16 inches	L-484	8 x 14 inches
L-952	16 x 18 inches		
	DOUBLE HEADED POWER TOM		POWER BASS DRUMS
L-617	13 x 14 inches	L-925	16 x 24 inches (2) w/1308 spurs

TOP VIEW



NO.	ACCESSORIES	NO.	ACCESSORIES
L-3050	Modular Snare Stand	L-3074	Modular Single Tom Holder
L-3051	Modular Cymbal Stand	L-201	Speed King Pedal (2)
L-3052	Modular Boom Cymbal Stand	5AL	Pair of sticks
L-3053	Modular Hi-Hat Stand	L-191	Pair of Red Grooved Brushes
L-3068	Modular Mini Boom Stand		

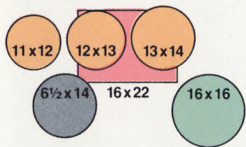
Outfit is illustrated with gold silk finish. Cymbals not included. For drum cases see pages 102-103.

MODULAR MULTI-TRACK

No. L-3169 – Complete outfit.

NO.	DOUBLE HEADED POWER TOMS
L-615	11 x 12 inches
L-616	12 x 13 inches
L-617	13 x 14 inches
DOUBLE HEADED FLOOR TOM	
L-950	16 x 16 inches
ALL METAL SNARE DRUM	
L-402	6½ x 14 inches
POWER BASS DRUM	
L-923	16 x 22 inches w/1308 spurs
ACCESSORIES	
L-3002	Modular Double Tom Holder
L-3050	Modular Snare Stand
L-3052	Modular Boom Cymbal Stand (2)
L-3053	Modular Hi-Hat Stand
L-3074	Modular Add-On Single Tom Holder
L-201	Speed King Pedal
5AL	Pair of sticks
L-191	Pair of Red Grooved Brushes

TOP VIEW



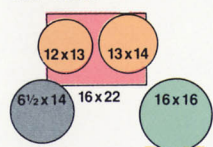
Outfit is illustrated with black gloss finish.

MODULAR FIVE TRACK

No. L-3103 – Complete outfit.

NO.	DOUBLE HEADED POWER TOMS
L-616	12 x 13 inches
L-617	13 x 14 inches
DOUBLE HEADED FLOOR TOM	
L-950	16 x 16 inches
ALL METAL SNARE DRUM	
L-402	6½ x 14 inches
POWER BASS DRUM	
L-923	16 x 22 inches w/1308 spurs
ACCESSORIES	
L-3002	Modular Double Tom Holder
L-3050	Modular Snare Stand
L-3051	Modular Cymbal Stand (2)
L-3053	Modular Hi-Hat Stand
L-201	Speed King Pedal
5AL	Pair of sticks
L-191	Pair of Red Grooved Brushes

TOP VIEW



Outfit is illustrated with maple finish.

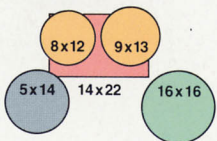
Cymbals not included. For drum cases see pages 102-103.



MODULAR UPBEAT

No. L-3170 – Complete outfit.

TOP VIEW



NO.	DOUBLE HEADED CLASSIC TOMS	NO.	ALL METAL SNARE DRUM
L-942	8 x 12 inches	L-400	5 x 14 inches
L-944	9 x 13 inches		
DOUBLE HEADED FLOOR TOM		CLASSIC BASS DRUM	
L-950	16 x 16 inches	L-922	14 x 22 inches w/1308 spurs

NO.	ACCESSORIES	NO.	ACCESSORIES
L-3050	Modular Snare Stand	L-201	Speed King Pedal
L-3051	Modular Cymbal Stand (2)	5AL	Pair of sticks
L-3053	Modular Hi-Hat Stand	L-191	Pair of Red Grooved Brushes
L-3074	Modular Single Tom Holder (2)		

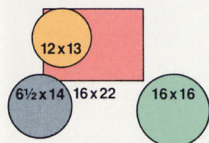
Outfit is illustrated with white gloss finish.
Cymbals not included. For drum cases see pages 102-103.

MODULAR FOUR TRACK

No. L-3171 – Complete outfit.

NO.	DOUBLE HEADED POWER TOM
L-616	12 x 13 inches
DOUBLE HEADED FLOOR TOM	
L-950	16 x 16 inches
ALL METAL SNARE DRUM	
L-402	6½ x 14 inches
POWER BASS DRUM	
L-923	16 x 22 inches w/1308 spurs
ACCESSORIES	
L-3001	Modular Single Tom Holder
L-3050	Modular Snare Stand
L-3051	Modular Cymbal Stand (2)
L-3053	Modular Hi-Hat Stand
L-201	Speed King Pedal
5AL	Pair of sticks
L-191	Pair of Red Grooved Brushes

TOP VIEW



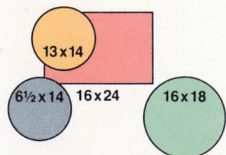
Outfit is illustrated with silver silk finish.

MODULAR SINGLE TRACK

No. L-3172 – Complete outfit.

NO.	DOUBLE HEADED POWER TOM
L-617	13 x 14 inches
DOUBLE HEADED FLOOR TOM	
L-952	16 x 18 inches
ALL METAL SNARE DRUM	
L-402	6½ x 14 inches
POWER BASS DRUM	
L-925	16 x 24 inches w/1308 spurs
ACCESSORIES	
L-3001	Modular Single Tom Holder
L-3050	Modular Snare Stand
L-3051	Modular Cymbal Stand (2)
L-3053	Modular Hi-Hat Stand
L-201	Speed King Pedal
5AL	Pair of sticks
L-191	Pair of Red Grooved Brushes

TOP VIEW



Outfit is illustrated with blue silk finish.

Cymbals not included. For drum cases see pages 102-103.



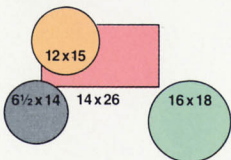
MODULAR AFTER BURNER

This is a four-piece outfit designed for power, with the very large 14" x 26" Power bass drum, 12" x 15" rack-mounted tom and giant 16" x 18" floor tom, and 6½" x 14" all-metal Supra-Phonic snare drum.

No. L-3173 – Complete outfit.

NO.	DOUBLE HEADED CLASSIC TOM	NO.	ALL METAL SNARE DRUM
L-947	12 x 15 inches	L-402	6½ x 14 inches
	DOUBLE HEADED FLOOR TOM		CLASSIC BASS DRUM
L-952	16 x 18 inches	L-926	14 x 26 inches w/1308 spurs

TOP VIEW



NO.	ACCESSORIES	NO.	ACCESSORIES
L-3050	Modular Snare Stand	L-201	Speed King Pedal
L-3051	Modular Cymbal Stand (2)	5AL	Pair of sticks
L-3053	Modular Hi-Hat Stand	L-191	Pair of Red Grooved Brushes
L-3074	Modular Single Tom Holder		

Outfit is illustrated with maple finish. Cymbals not included. For drum cases see pages 102-103.

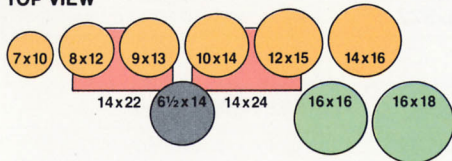


PHASER ELEVEN

Eleven drums provide the extended tonal scale, with double toms mounted on the bass drum, and two pairs of additional tom toms mounted on the two double stands.

No. L-2950 – Complete outfit.

TOP VIEW



NO.	DOUBLE HEADED CLASSIC TOMS	NO.	DOUBLE HEADED FLOOR TOMS
L-936	7 x 10 inches	L-950	16 x 16 inches
L-942	8 x 12 inches	L-952	16 x 18 inches
L-944	9 x 13 inches		CLASSIC BASS DRUMS
L-946	10 x 14 inches		
L-947	12 x 15 inches	L-922	14 x 22 inches w/1308 spurs
L-956	14 x 16 inches	L-924	14 x 24 inches w/1308 spurs
	ALL METAL SNARE DRUM		
L-402	6½ x 14 inches		

NO.	ACCESSORIES	NO.	ACCESSORIES
L-1126	Atlas II Hi-Hat Stand	L-2900	Atlas II Boom Cymbal Stand (2)
L-1216D	Tom Bracket (6)	L-201	Speed King Pedal (2)
L-1357	Atlas II Tom Tom Stand (3)	5AL	Pair of sticks
L-1358	Atlas II Snare Stand	L-191	Pair of Red Grooved Brushes

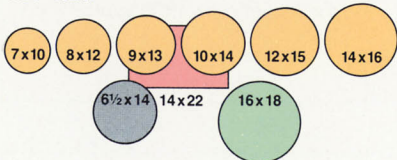
Outfit is illustrated with walnut finish. Cymbals not included. For drum cases see pages 102-103.



PHASER NINE

No. L-2032 – Complete outfit.

TOP VIEW



NO.	DOUBLE HEADED CLASSIC TOMS	NO.	DOUBLE HEADED FLOOR TOM
L-936	7 x 10 inches	L-952	16 x 18 inches
L-942	8 x 12 inches		ALL METAL SNARE DRUM
L-944	9 x 13 inches	L-402	6½ x 14 inches
L-946	10 x 14 inches		CLASSIC BASS DRUM
L-947	12 x 15 inches	L-922	14 x 22 inches w/1308 spurs
L-956	14 x 16 inches		

NO.	ACCESSORIES	NO.	ACCESSORIES
L-1126	Atlas II Hi-Hat Stand	L-781	Double Tom Holder Mounted
L-1216D	Tom Brackets (6)	L-201	Speed King Pedal
L-1357	Atlas II Double Tom Stand (2)	11A	Pair of sticks
L-1358	Atlas II Snare Stand	L-191	Pair of Red Grooved Brushes
L-2900	Atlas II Boom Cymbal Stand (2)		

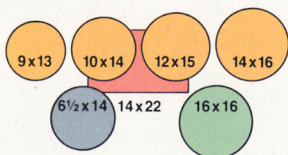
Outfit is illustrated with maple finish. Cymbals not included. For drum cases see pages 102-103.



PHASER SEVEN

No. L-2951 – Complete outfit.

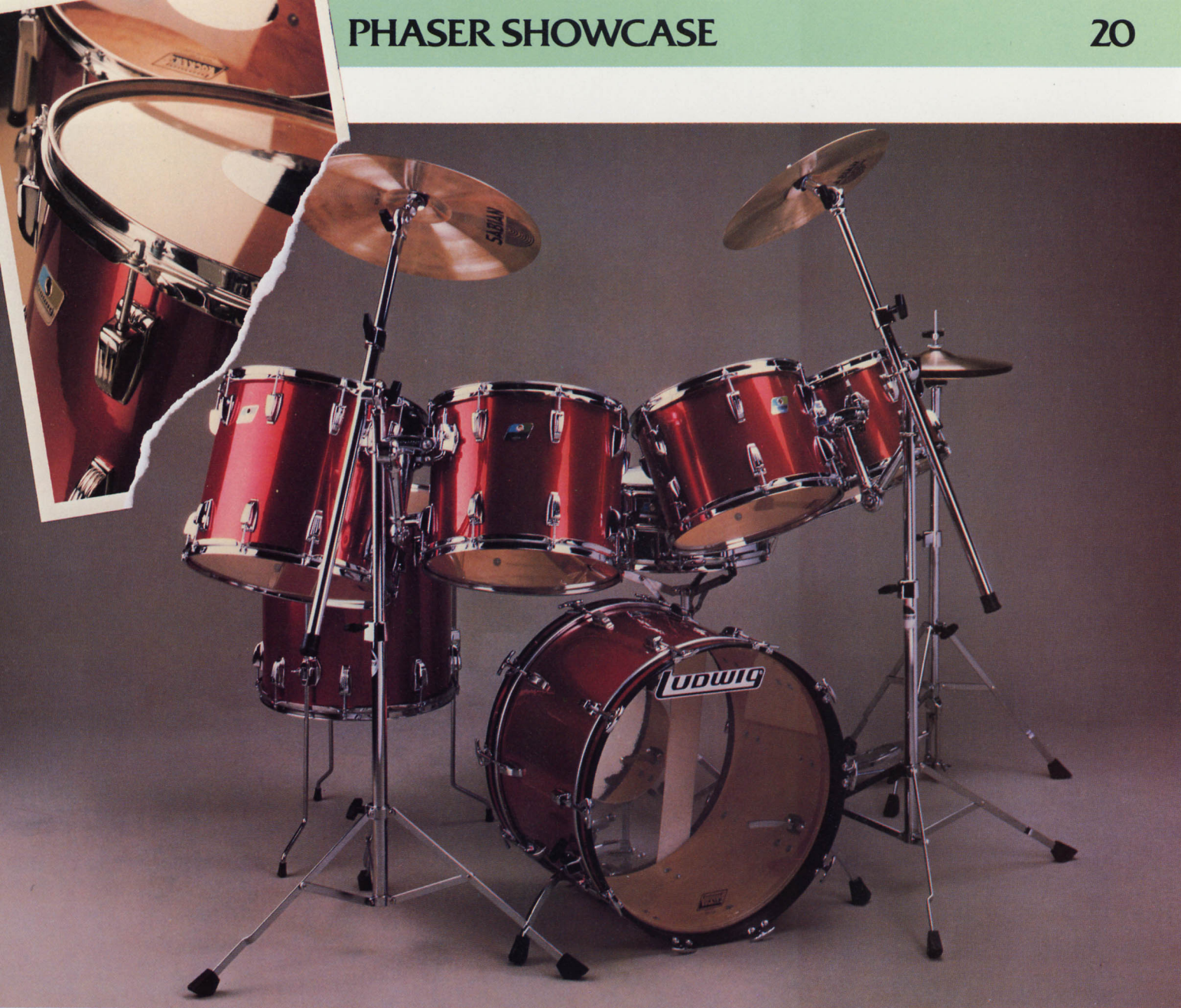
TOP VIEW



NO.	DOUBLE HEADED CLASSIC TOMS	NO.	ALL METAL SNARE DRUM
L-944	9 x 13 inches	L-402	6 1/2 x 14 inches
L-946	10 x 14 inches		CLASSIC BASS DRUM
L-947	12 x 15 inches	L-922	14 x 22 inches w/1308 spurs
L-956	14 x 16 inches		
	DOUBLE HEADED FLOOR TOM		
L-950	16 x 16 inches		

NO.	ACCESSORIES	NO.	ACCESSORIES
L-1126	Atlas II Hi-Hat Stand	L-3032	Add-On Overhead Cymbal Holder (2)
P-1216D	Tom Bracket (4)	L-201	Speed King Pedal
L-1357	Atlas II Tom Stand (2)	5AL	Pair of sticks
L-1358	Atlas II Snare Stand	L-191	Pair of Red Grooved Brushes

Outfit is illustrated in white marine pearl.
Cymbals not included. For drum cases see pages 102-103.

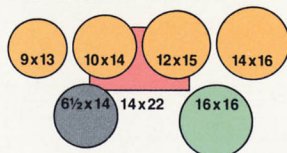


PHASER SHOWCASE

This outfit suspends 4 tom toms on 2 cymbal stands for excellent space utilization.

No. L-2952 – Complete outfit.

TOP VIEW



NO.	DOUBLE HEADED CLASSIC TOMS	NO.	ALL METAL SNARE DRUM
L-944	9 x 13 inches	L-402	6½ x 14 inches
L-946	10 x 14 inches		CLASSIC BASS DRUM
L-947	12 x 15 inches	L-922	14 x 22 inches w/1308 spurs
L-956	14 x 16 inches		
	DOUBLE HEADED FLOOR TOM		
L-950	16 x 16 inches		

NO.	ACCESSORIES	NO.	ACCESSORIES
L-1126	Atlas II Hi-Hat Stand	L-3071	Add-On Double Tom Holder (2)
P-1216D	Tom Bracket (4)	L-201	Speed King Pedal
L-1358	Atlas Snare Drum Stand	5AL	Pair of sticks
L-2900	Atlas II Boom Cymbal Stand (2)	L-191	Pair of Red Grooved Brushes

Outfit is illustrated with wine silk finish. Cymbals not included. For drum cases see pages 102-103.

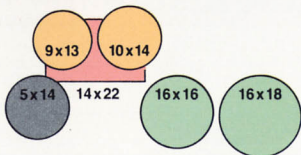


PHASER SIX

Double toms are up, and double floor toms grounded, so other rack-mounted drums may be added later!

No. L-2953 – Complete outfit.

TOP VIEW



NO.	DOUBLE HEADED CLASSIC TOMS	NO.	DOUBLE HEADED FLOOR TOMS
L-944	9 x 13 inches	L-950	16 x 16 inches
L-946	10 x 14 inches	L-952	16 x 18 inches
	ALL METAL SNARE DRUM		CLASSIC BASS DRUM
L-400	5 x 14 inches	L-922	14 x 22 inches w/1308 spurs

NO.	ACCESSORIES	NO.	ACCESSORIES
L-781	Double Tom Holder	L-1403	Atlas II Cymbal Stand (2)
L-1126	Atlas II Hi-Hat Stand	L-201	Speed King Pedal
P-1216D	Tom Bracket (2)	5AL	Pair of sticks
L-1358	Atlas II Snare Drum Stand	L-191	Pair of Red Grooved Brushes

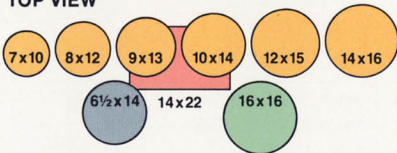
Outfit is illustrated with chrome-o-wood finish.
Cymbals not included. For drum cases see pages 102-103.



PHASER OPTION NINE

No. L-2954 – Complete outfit.

TOP VIEW



NO.	SINGLE HEADED MELODIC TOMS	NO.	DOUBLE HEADED FLOOR TOM
L-489	7 x 10 inches	L-950	16 x 16 inches
L-461	8 x 12 inches		ALL METAL SNARE DRUM
L-462	9 x 13 inches	L-402	6½ x 14 inches
L-463	10 x 14 inches		CLASSIC BASS DRUM
L-464	12 x 15 inches	L-922	14 x 22 inches w/1308 spurs
L-465	14 x 16 inches		

NO.	ACCESSORIES	NO.	ACCESSORIES
L-780	Double Tom Holder	L-3032	Add-On Overhead Cymbal Holder (3)
L-1126	Atlas II Hi-Hat Stand	L-201	Speed King Pedal
L-1358	Atlas II Snare Stand	5AL	Pair of sticks
P-1703B	Mounting Clip (6)	L-191	Pair of Red Grooved Brushes
L-2901	Atlas II Double Tom Stand (2)		

Outfit is illustrated with black gloss finish. Cymbals not included. For drum cases see pages 102-103.

QUADRA-PLUS

No. L-2025 – Complete outfit.

NO.	SINGLE HEADED MELODIC TOMS
L-462	9 x 13 inches
L-463	10 x 14 inches
L-464	12 x 15 inches
L-465	14 x 16 inches
DOUBLE HEADED FLOOR TOM	
L-952	16 x 18 inches
ALL METAL SNARE DRUM	
L-400	5 x 14 inches
CLASSIC BASS DRUM	
L-922	14 x 22 inches w/1308 spurs
ACCESSORIES	
L-780	Double Tom Holder
L-1131	Hercules Hi-Hat Stand
L-1356	Hercules Double Tom Stand
L-1374	Hercules Snare Stand
L-1406	Hercules Cymbal Stand
L-1411	Hercules Cymbal Boom Stand
P-1703B	Mounting Clip (4)
L-201	Speed King Pedal
8A	Pair of sticks
L-191	Pair of Red Grooved Brushes

TOP VIEW



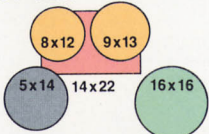
Outfit is illustrated with white gloss finish.

BIG BEAT

No. L-989 – Complete outfit.

NO.	DOUBLE HEADED CLASSIC TOMS
L-942	8 x 12 inches
L-944	9 x 13 inches
DOUBLE HEADED FLOOR TOM	
L-950	16 x 16 inches
ALL METAL SNARE DRUM	
L-400	5 x 14 inches
CLASSIC BASS DRUM	
L-922	14 x 22 inches w/1308 spurs
ACCESSORIES	
L-781	Double Tom Holder
L-1131	Hercules Hi-Hat Stand
L-1216D	Tom Bracket (2)
L-1374	Hercules Snare Stand
L-1406	Hercules Cymbal Stand (2)
L-201	Speed King Pedal
11A	Pair of sticks
L-191	Pair of Red Grooved Brushes

TOP VIEW



Outfit is illustrated with maple finish. Cymbals not included. For drum cases see pages 102-103.



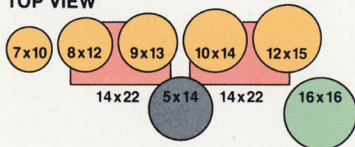
S/L SERIES NINE

The Ludwig S/L Series brings you Ludwig for less, so you don't have to play less than Ludwig!

Toms and snare have 4-ply shells for lighter weight; bass drum has 6 plies for greater strength. Available in 5, 6, 7 and 8-piece configurations. Shown in chrome pearl finish.

No. L-2955 – Complete outfit.

TOP VIEW



DOUBLE HEADED S/L SERIES TOMS		S/L SERIES SNARE DRUM	
NO.		NO.	
L-587	7 x 10 inches	L-600	5 x 14 inches
L-596	8 x 12 inches	S/L SERIES BASS DRUM	
L-597	9 x 13 inches	L-599	14 x 22 inches (2) w/1303 spurs
L-568	10 x 14 inches		
L-569	12 x 15 inches		
S/L SERIES FLOOR TOM			
L-598	16 x 16 inches		

NO.	ACCESSORIES	NO.	ACCESSORIES
L-771	S/L Tom Tom Holder (2)	L-1403	Atlas Cymbal Stand (2)
L-1126	Atlas II Hi-Hat Stand	L-3071	Add-On Double Tom Holder
L-1127	Hi-Hat Brace	L-201	Speed King Pedal (2)
P-1216D	Tom Bracket (5)	5AL	Pair of sticks
L-1358	Atlas II Snare Stand	L-191	Pair of Red Grooved Brushes

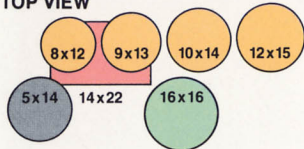
Outfit is illustrated with chrome pearl finish. Cymbals not included. For drum cases see pages 102-103.

PHASER POWER

No. L-1968 – Complete outfit.

NO.	DOUBLE HEADED S/L SERIES TOMS
L-596	8 x 12 inches
L-597	9 x 13 inches
L-568	10 x 14 inches
L-569	12 x 15 inches
S/L SERIES FLOOR TOM	
L-598	16 x 16 inches
S/L SERIES SNARE DRUM	
L-600	5 x 14 inches
S/L SERIES BASS DRUM	
L-599	14 x 22 inches w/1303 spurs
ACCESSORIES	
L-771	S/L Tom Tom Holder
L-1126	Atlas II Hi-Hat Stand
L-1216D	Tom Brackets (4)
L-1357	Atlas II Tom Stand
L-1358	Atlas II Snare Stand
L-1403	Atlas II Cymbal Stand (2)
L-201	Speed King Pedal
11A	Pair of sticks

TOP VIEW



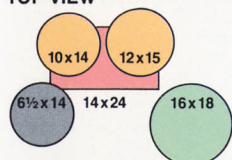
Outfit is illustrated with wine silk finish.

PHASER FIVE

No. L-1987 – Complete outfit.

NO.	DOUBLE HEADED S/L SERIES TOMS
L-568	10 x 14 inches
L-569	12 x 15 inches
S/L SERIES FLOOR TOM	
L-608	16 x 18 inches
S/L SERIES SNARE DRUM	
L-601	6½ x 14 inches
S/L SERIES BASS DRUM	
L-609	14 x 24 inches w/1303 spurs
ACCESSORIES	
L-771	S/L Tom Tom Holder
L-1126	Atlas II Hi-Hat Stand
L-1216D	Tom Brackets (2)
L-1358	Atlas II Snare Stand
L-1403	Atlas II Cymbal Stand (2)
L-201	Speed King Pedal
11A.	Pair of sticks

TOP VIEW



Outfit is illustrated with white gloss finish.

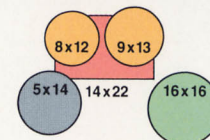
Cymbals not included. For drum cases see pages 102-103.

S/L SERIES FIVE

No. L-986 – Complete outfit.

DOUBLE HEADED S/L SERIES TOMS	
L-596	8 x 12 inches
L-597	9 x 13 inches
S/L SERIES FLOOR TOM	
L-598	16 x 16 inches
S/L SERIES SNARE DRUM	
L-600	5 x 14 inches
S/L SERIES BASS DRUM	
L-599	14 x 22 inches w/1303 spurs
ACCESSORIES	
L-771	S/L Tom Tom Holder
L-1123	Hi-Hat Stand
L-1355	Snare Drum Stand
L-1400	Cymbal Stand
L-201	Speed King Pedal
11A	Pair of sticks

TOP VIEW



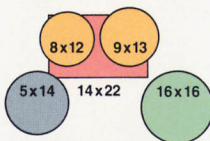
Outfit is illustrated with blue silk finish.

MARK TIME

This economy priced Ludwig outfit uses 3-ply die-mold shells.

No. L-1995 – Complete outfit.

DOUBLE HEADED TOM TOMS	
L-718	8 x 12 inches
L-719	9 x 13 inches
DOUBLE HEADED FLOOR TOM	
L-720	16 x 16 inches
WOOD SNARE DRUM	
L-717	5 x 14 inches
BASS DRUM	
L-721	14 x 22 inches w/1303 Spurs
ACCESSORIES	
L-2922	Cymbal Stand
L-2923	Hi-Hat Stand
L-2921	Snare Drum Stand
L-2920	Foot Pedal
L-771	Tom Holder
P-216D	Brackets (2)
11A	Drumsticks



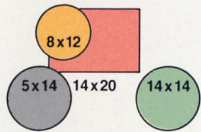
Cymbals not included. For drum cases see pages 102-103.

JAZZ #1

No. L-2035 – Complete outfit.

NO.	DOUBLE HEADED CLASSIC TOM
L-942	8 x 12 inches
DOUBLE HEADED FLOOR TOM	
L-948	14 x 14 inches
ALL METAL SNARE DRUM	
L-400	5 x 14 inches
CLASSIC BASS DRUM	
L-920	14 x 20 inches w/1308 spurs
ACCESSORIES	
L-787	Single Tom Holder
L-1126	Atlas II Hi-Hat Stand
P-1216D	Tom Bracket
L-1358	Atlas II Snare Stand
L-1403	Atlas II Cymbal Stand (2)
L-201	Speed King Pedal
11A	Pair of brushes
L-191	Pair of Red Grooved Brushes

TOP VIEW

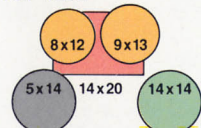


DUO JAZZ

No. L-2036 – Complete outfit.

NO.	DOUBLE HEADED CLASSIC TOMS
L-942	8 x 12 inches
L-944	9 x 13 inches
DOUBLE HEADED FLOOR TOM	
L-948	14 x 14 inches
ALL METAL SNARE DRUM	
L-400	5 x 14 inches
CLASSIC BASS DRUM	
L-920	14 x 20 inches w/1308 spurs
ACCESSORIES	
L-781	Double Tom Holder
L-1126	Atlas II Hi-Hat Stand
P-1216D	Tom Bracket (2)
L-1358	Atlas II Snare Stand
L-1403	Atlas II Cymbal Stand (2)
L-201	Speed King Pedal
11A	Pair of sticks
L-191	Pair of Red Grooved Brushes

TOP VIEW



Cymbals not included. For drum cases see pages 102-103.



Outfit is illustrated with black gloss finish.



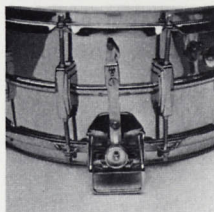
Outfit is illustrated with mahogany finish.



The LUDWIG name is emblematic of drum quality and performance. From the finest leading symphonic orchestras to the beginning players at the elementary level, Ludwig provides snare drums built for durable, consistent performance.

The "Ludwig Sound" has been incorporated into each snare drum we build. Features include a variety of snare strainers; shells of wood, hammered bronze, and chrome; triple-flanged and die-cast batter and snare hoops. Ludwig's state of the art construction methods ensure outstanding projection, clarity, and appearance.

NOTE: Triple-flanged batter and snare hoops are standard on all models. Die-cast hoops are optional on some models as indicated.



A.



B.



C.



D.

A. DOUBLE SNARE TENSIONING:
VERTICAL AND HORIZONTAL
Snare are tensioned from both sides by turning the knurled wheels located in each mechanism. Additional refined adjustments for regulating the head are possible with height adjustment screws.

B. COMPLETE SNARE CONTACT
Unlike other drums, the dual snare release keeps uniform tension on all snares across the entire head surface.

C. INDIVIDUAL SNARE STRAND TENSIONING
Many snare units (as listed on page 33) are individually adjustable, permitting each strand to be tensioned or "tuned" separately. This creates tonal nuances unlike any other drum.

D. QUICK THROW-OFF
The P-85 Throw-Off Strainer adjusts snares quickly and smoothly. It provides complete and instant snare control.

TENSION CONTROL KNOB
The P-85 Snare Strainer includes a fine adjustment control knob to maximize snare tension. This feature eliminates the "choked" sound and lets you maintain full response at all volume levels.



SUPER-SENSITIVE SNARE DRUM

The Super-Sensitive Snare features an all-metal shell of one piece, seamless construction. Ten self-aligning tension casings allow for even and minute tension adjustments. Snares extend across the entire surface of the snare head, providing full diameter snare vibration and response. The Super-Sensitive comes with a screwdriver drum key and 24-strand, non-adjustable wire snares.

No. L-410 – 5" x 14" Super-Sensitive Snare Drum, chrome.

No. L-411 – 6½" x 14" Super-Sensitive Snare Drum, chrome.

No. P-40 – Screwdriver Drum Key for Super-Sensitive Snare.

SUPRA-PHONIC SNARE DRUM

Ludwig's Supra-Phonic Snare has long been the world's most popular drum, with the head response, tonal definition, and classic sound drummers have always wanted. Supra-Phonic shells are all-metal, one-piece seamless construction. Complete with 18-strand wire snares and drum key.

No. L-400 – 5" x 14" Supra-Phonic Snare Drum, chrome.

No. L-402 – 6½" x 14" Supra-Phonic Snare Drum, chrome.

No. P-41 – Regular Drum Key for Supra-Phonic Snare.

NOTE: For snare cases see page 32, and for strainers and snare butts see page 33.



HAMMERED BRONZE SERIES

Combining old world craftsmanship with famous Ludwig engineering, each seamless bronze shell is hammered by a skilled artisan to produce a shell with a drier, more articulate sound. Each of these hammered bronzes is a work of art, unequalled in beauty and sound!

No. L-550K – 5" x 14" Supra-Phonic Hammered Bronze Snare Drum with P-85 Strainer.

No. L-552K – 6½" x 14" Supra-Phonic Hammered Bronze Snare Drum with P-85 Strainer.

NOTE: The above models are available with die-cast batter and snare hoops. Please add the suffix "Y" to catalog number when ordering.

No. L-554K – 5" x 14" Super-Sensitive Hammered Bronze Snare Drum with P-70 Strainer.

No. L-556K – 6½" x 14" Super-Sensitive Hammered Bronze Snare Drum with P-70 Strainer.



HAMMERED CHROME SERIES

The popular Ludwig seamless chrome shell can now be purchased in a hammered version! Aside from the classic beauty, the hammering process produces a more rigid shell, resulting in a dry, dark articulated sound.

No. L-400K – 5" x 14" Supra-Phonic Hammered Chrome Snare Drum with P-85 Strainer.

No. L-402K – 6½" x 14" Supra-Phonic Hammered Chrome Snare Drum with P-85 Strainer.

NOTE: The above models are available with die-cast batter and snare hoops. Please add the suffix "Y" to catalog number when ordering.

No. L-410K – 5" x 14" Super-Sensitive Hammered Chrome Snare Drum with P-70 Strainer.

No. L-411K – 6¼" x 14" Super-Sensitive Hammered Chrome Snare Drum with P-70 Strainer.



CLASSIC SMOOTH BRONZE SERIES

This satin-smooth beauty features a one-piece seamless bronze shell, with flanged shell edges and Ludwig's famous center bead assuring triple strength.

No. L-550 – 5" x 14" Supra-Phonic Classic Smooth Bronze Snare Drum with P-85 Strainer.

No. L-552 – 6½" x 14" Supra-Phonic Classic Smooth Bronze Snare Drum with P-85 Strainer.

NOTE: The above models are available with die-cast batter and snare hoops. Please add the suffix "Y" to catalog number when ordering.

No. L-554 – Super-Sensitive Classic Smooth Bronze Snare Drum with P-70 Strainer.

No. L-556 – Super-Sensitive Classic Smooth Bronze Snare Drum with P-70 Strainer.

SLOTTED COLISEUM SERIES

After extensive research and testing, Ludwig presents the Slotted Coliseum Snare Drum. A unique sound venting system creates a louder, more open sound while retaining the depth of tone demanded by today's rock drummers. Tension rod lock nuts are standard.

No. L-903 – 8" x 14" Slotted Coliseum Snare Drum with P-87 Strainer

No. L-904 – 8" x 14" Slotted Coliseum Snare Drum with P-85 Strainer

NOTE: The above models are available with die-cast batter and snare hoops. Please add the suffix "Y" to catalog number when ordering.



COLISEUM SERIES

A Ludwig favorite, this stout 12-lug Coliseum Snare Drum has the power to fill the largest hall and the versatility for rock or a symphony. Shells are select six-ply veneer. Twelve special high tension casings provide even and precise adjustment. Ludwig tension lock-nuts prevent loosening of key rods caused by rim shots.

No. L-483 – 8" x 14" 12-Lug Coliseum Snare Drum with P-87 Strainer.

No. L-484 – 8" x 14" 12-Lug Coliseum Snare Drum with P-85 Strainer.

NOTE: The above models are available with die-cast batter and snare hoops. Please add the suffix "Y" to catalog number when ordering.



ROCK/CONCERT SERIES

It's called the Rock/Concert Snare Drum because it fulfills a need for both the rock and concert drummer. The shell is constructed of select six-ply veneer in Ludwig's exclusive die-molded butt-jointed process. This snare is capable of powerful projection yet sensitive response!

No. L-482 – 5" x 14" Rock/Concert Snare Drum with P-87 Strainer.

No. L-401 – 5" x 14" Rock/Concert Snare Drum with P-85 Strainer.

No. L-472 – 6½" x 14" Rock/Concert Snare Drum with P-87 Strainer.

No. L-403 – 6½" x 14" Rock/Concert Snare Drum with P-87 Strainer.

NOTE: The above models are available with die-cast batter and snare hoops. Please add the suffix "Y" to catalog number when ordering.





ACROLITE SNARE DRUM

ACROLITE by Ludwig offers all-metal construction and quality, light weight, resonance and tone usually found only in more expensive models. Ludwig's "acousti-perfect" shell design features one-piece metal shell, eight self-aligning tension casings, and triple-flanged hoops. Supplied with Ludwig's own plastic heads and 20-strand wire snares.

No. L-404 – 5" x 14" in Acrolite Snare Drum.

S/L SNARE DRUM

Our engineers designed the S/L Snare Drum in response to a strong demand for Ludwig quality at the lowest possible price. The wood shell is formed in die molds, from a combination of four seasoned, select plies. These are arranged in cross-grained configurations to prevent warping and splitting. The finish is machine rolled on the shell

and permanently affixed with the latest resin glue. The snare strainer is our famous P-85 quick-throw model.

No. L-600 – 5" x 14" S/L Snare Drum.

No. L-601 – 6½" x 14" S/L Snare Drum.

SNARE CASES AND COVERS

No. L-164 – 5" x 14" special dura-hyde cover for Super-Sensitive Snare Drum.

No. L-165 – 6½" x 14" special dura-hyde cover for Super-Sensitive Snare Drum.

No. L-172 – 5" x 14" special dura-hyde cover for Supra-Phonic Snare Drum.

No. L-173 – 6½" x 14" special dura-hyde cover for Supra-Phonic Snare Drum.

No. L-7154 – Square vulcanized fiber case for 14" Super-Sensitive Snare Drum.

No. L-7157 – Square vulcanized fiber case, deep drawn, for 14" snare drums with sturdy separator for packing drum stand and sticks.



P-85 STRAINER AND P-32 BUTT

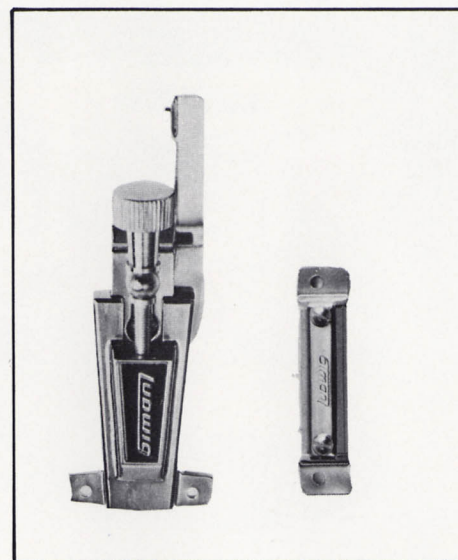
The P-85 Snare Strainer is used on Ludwig's most popular outfit snare drums. Especially designed for jazz and rock drummers, and also used on certain marching snare drums. Fast action, single end throw-off for cord-suspension, non-adjustable wire snares only. Fine adjustment control knob maximizes snare tension. Used in conjunction with P-32 Snare Butt.

For 14" Drum

- No. L-1929** – 12 Strand Heavy Wire Snares, Metal End.
- No. L-1930** – 18 Strand Thin Wire Snares, Metal End.
- No. L-1931** – 12 Strand Thin Wire Snares, Metal End.
- No. L-1934** – 12 Strand Heavy Wire Snares, Plastic End.
- No. L-1935** – 20 Strand Thin Wire Snares, Plastic End.
- No. L-1936** – 12 Strand Thin Wire Snares, Plastic End.

For 15" Drum

- No. L-1932** – 12 Strand Heavy Wire Snares, Metal End.
- No. L-1933** – 12 Strand Thin Wire Snares, Metal End.
- No. L-1937** – 12 Strand Heavy Wire Snares, Plastic End.
- No. L-1938** – 12 Strand Thin Wire Snares, Plastic End.

**P-87 STRAINER AND P-34 BUTT**

Ludwig's P-87 Classic Strainer offers heavy-duty performance and reliability. Designed as a non-slip, single end throw-off strainer, cam-action operated, for extended snares, allowing snare contact across entire head surface. Used with the P-34 Snare Butt as a protective snare guard for individually adjustable snares. Mounted on all Challenger and Hi-Tension Parade Drums and the Rock/Concert Snare Drum.

For 14" Drum

- No. L-1108** – 12 Strand Gut Snares, individually adjustable.
- No. L-1109** – 12 Strand 8 Wire/4 Gut Snares, individually adjustable.
- No. L-1110** – 12 Strand Wire Snares, individually adjustable.

For 15" Drum

- No. L-1105** – 12 Strand Gut Snares, individually adjustable.
- No. L-1106** – 12 Strand 8 Wire/4 Gut Snares, individually adjustable.
- No. L-1107** – 12 Strand Wire Snares, individually adjustable.

**P-70 SUPER-SENSITIVE STRAINER AND P-47 BUTT**

The P-70 Super-Sensitive Strainer was designed for jazz and concert drums. Offering a fast action, double end throw-off, the dual snare release allows for fully extended snares across the entire head surface under uniform tension. Dual tension adjustment for Ludwig's exclusive individually adjustable and swivel mounted snares. For deeper shell snare drums, a long lever strainer, P-71 is available. Specify size and type of drum. The P-47 Super-Sensitive Snare Butt allows snare tensioning from butt end side.

For 14" Drum

- No. L-1232** – 24 Strand Wire Snares, NOT individually adjustable.
- No. L-1233** – 15 Strand Wire Snares, individually adjustable.
- No. L-1224** – 18 Strand Wire Snares, Swivel Mounted, NOT individually adjustable.
- No. L-1225** – 10 Strand Wire Snares, individually adjustable.

- No. L-1235** – 15 Strand Gut Snares, individually adjustable.
- No. L-1227** – 10 Strand Gut Snares, individually adjustable.
- No. L-1234** – 15 Strand 11 Wire/4 Gut Snares, individually adjustable.
- No. L-1226** – 10 Strand, 6 Wire/4 Gut Snares, individually adjustable.

For 15" Drum

- No. L-1238** – 24 Strand Wire Snares, NOT individually adjustable.
- No. L-1239** – 15 Strand Wire Snares, individually adjustable.
- No. L-1240** – 18 Strand Wire Snares, Swivel Mounted, NOT individually adjustable.
- No. L-1241** – 10 Strand Wire Snares, individually adjustable.
- No. L-1242** – 15 Strand Gut Snares, individually adjustable.
- No. L-1243** – 10 Strand Wire Snares, individually adjustable.
- No. L-1244** – 15 Strand, 11 Wire/4 Gut Snares, individually adjustable.
- No. L-1245** – 10 Strand, 6 Wire/4 Gut Snares, individually adjustable.





A. POWER TOM TOMS

Ludwig's Power tom toms are named for their volume and projection. Six-ply wood shell construction, triple-flanged hoops, and extra tension casings allow additional torque and pitch definition. Specify bracket, clip-mount, or modular casting holder at additional cost, and indicate mounting at drummer's right or left.

TOM TOMS

Double-Headed	Single-Headed
No. L-612 – 9" x 6"	No. L-557 – 9" x 6"
No. L-613 – 9" x 8"	No. L-558 – 9" x 8"
No. L-614 – 9" x 10"	No. L-559 – 9" x 10"
No. L-615 – 11" x 12"	No. L-560 – 11" x 12"
No. L-616 – 12" x 13"	No. L-561 – 12" x 13"
No. L-617 – 13" x 14"	No. L-562 – 13" x 14"
No. L-618 – 14" x 15"	No. L-563 – 14" x 15"
No. L-619 – 15" x 16"	No. L-564 – 15" x 16"



B. CLASSIC AND MELODIC TOM TOMS

Ludwig Tom Toms represent the finest in quality shell construction. A sturdy six-ply wood shell, composed of select wood veneers and butted into a near seamless configuration (the 6" and 8" Toms feature four-ply construction). Specify bracket, clip-mount, or modular casting holder at additional cost, and indicate mounting at drummer's right or left.

TOM TOMS

Double-Headed Classic	Single-Headed Melodic
No. L-936 – 7" x 10"	No. L-487 – 5½" x 6"
No. L-942 – 8" x 12"	No. L-488 – 5½" x 8"
No. L-944 – 9" x 13"	No. L-489 – 7" x 10"
No. L-946 – 10" x 14"	No. L-461 – 8" x 12"
No. L-947 – 12" x 15"	No. L-462 – 9" x 13"
No. L-956 – 14" x 16"	No. L-463 – 10" x 14"
	No. L-464 – 12" x 15"
	No. L-465 – 14" x 16"

B.



C.



C.

D. SINGLE-HEADED MELODIC FLOOR TOM TOMS

Ludwig Single-Headed Melodic Floor Tom Toms have great projection and volume, especially when used with Sound Projectors, Ludwig invention that directs and increases sound (page 61). These floor toms feature six-ply shell construction and come complete with three mounted legs. Your choice of finish.

Melodic Floor Tom Toms

No. L-565 – 14" x 14" Melodic Floor Tom Tom.
No. L-566 – 16" x 16" Melodic Floor Tom Tom.
No. L-567 – 16" x 18" Melodic Floor Tom Tom.

E. DOUBLE-HEADED CLASSIC FLOOR TOM TOMS

Ludwig Classic Floor Tom Toms offer you six-ply die-mold shell construction, unsurpassed for sturdiness and superb sound projection. Fitted with heavy-duty, triple-flanged metal hoops, self-aligning tension casings, and three mounted tom tom legs. Your choice of finish.

Classic Floor Tom Toms

No. L-948 – 14" x 14" Classic Floor Tom Tom.
No. L-950 – 16" x 16" Classic Floor Tom Tom.
No. L-952 – 16" x 18" Classic Floor Tom Tom.
No. L-954 – 18" x 20" Classic Floor Tom Tom.

C. POWER CUT AND S/L SERIES TOM TOMS

Ludwig's Power Cut Toms give you extra high-pitched projection with reduced weight. Constructed from six-ply die-mold wood shells and available in most popular sizes. The S/L Series Toms are also constructed from four plies of wood. Both Power Cut and S/L Series Toms are available in select finishes. Specify bracket, clip-mount, or modular casting holder at additional cost, and indicate mounting at drummer's right or left.

S/L Series Tom Toms

No. L-587 – 7" x 10"
No. L-596 – 8" x 12"
No. L-597 – 9" x 13"
No. L-568 – 10" x 14"
No. L-569 – 12" x 15"

Power Cut Tom Toms

No. L-636 – 6" dia.
No. L-635 – 8" dia.
No. L-640 – 10" dia.
No. L-642 – 12" dia.
No. L-643 – 13" dia.
No. L-644 – 14" dia.
No. L-645 – 15" dia.
No. L-646 – 16" dia.

F. S/L SERIES FLOOR TOM TOMS

The S/L Series Floor Tom Toms are designed for the player who wants top quality at a low price. Four-ply wood veneer construction. Lugs and tension casings from Ludwig's Classic line. Three mounted legs. Your choice of finish.

S/L Series Floor Tom Toms

No. L-598 – 16" x 16" S/L Series Floor Tom Tom.
No. L-608 – 16" x 18" S/L Series Floor Tom Tom.

G. SUSPENDED FLOOR TOM TOMS AND OVERHEAD TOM TOMS

This is the era of very large setups, and Ludwig has found a solution to the shortage of space—suspend all the drums you can! Ludwig's two types of tom tom suspension are: Modular holder brackets on each side, and stands for pairs or triplets. The suspended shells are free to vibrate, yielding a resonance similar in quality to timpani. Your choice of finish. Pictured with No. L-3059 Modular Overhead Tom Tom Stand (see page 38). Stand not included.

Suspended Floor Tom Toms and Overhead Tom Toms

No. L-949 – 14" x 14" Tom Tom.
No. L-951 – 16" x 16" Tom Tom.
No. L-953 – 16" x 18" Tom Tom.
No. L-955 – 18" x 20" Tom Tom.



D.



E.



G.



F.



POWER BASS DRUMS

Ludwig's "long" model Power Bass Drum provides extra punch, extra protection, and a special low-depth sound. Shell is six-ply die-mold construction (your choice of finish) with rock-maple counter hoops and equipped with two pair of heavy duty 1/2" stock spurs (No. 1308) with sure-grip rubber feet.

- No. L-921** – 16" x 20" Power Bass Drum.
- No. L-923** – 16" x 22" Power Bass Drum.
- No. L-925** – 16" x 24" Power Bass Drum.
- No. L-927** – 16" x 26" Power Bass Drum.

CLASSIC BASS DRUMS

Ludwig Classic Bass Drums offer the sturdy shell construction sought by today's outfit drummers. The six-ply die-mold shell is composed of maple veneers in a near-seamless configuration. Your choice of finish.

Strong rock maple hoops are held securely and evenly by sturdy claw hooks. Form-fitted tension handles and rods fit snugly into the Classic self-aligning tension casings.

Equipped with one pair of No. L-1308 heavy-duty 1/2" stock spurs with sure-grip rubber feet.

When ordering bass drums, specify type of single or double tom tom holder to be mounted, as featured on page 44. (Tom tom holder at additional cost.)

- No. L-920** – 14" x 20" Classic Bass Drum.
- No. L-922** – 14" x 22" Classic Bass Drum.
- No. L-924** – 14" x 24" Classic Bass Drum.
- No. L-926** – 14" x 26" Classic Bass Drum.

S/L SERIES BASS DRUMS

S/L Series Bass Drums have shells fabricated from six plies of wood. This guarantees you top quality at the lowest possible price! Lugs are our top quality Classic line of tension casings. Comes equipped with one pair of No. L-1303 disappearing spurs with sure-grip rubber feet. Choice of finish.

- No. L-599** – 14" x 22" S/L Series Bass Drum.
- No. L-609** – 14" x 24" S/L Series Bass Drum.



SPEED KING PEDAL

The legendary Speed King Pedal dates back to 1937 and through years of constant improvements has remained one of the world's most popular professional pedals. Its most outstanding feature is the twin compression springs which compress rather than stretch, so each pedal stroke is stronger and faster. Twin ball bearings sealed inside the post caps provide silent and fast pedal action. Spring tension is adjustable and the arched rocker shaft offers the leverage needed for ideal stability and balance. A sturdy steel connecting strap links the rocker shaft to the heavily ribbed die-cast footboard with its reversible heel plate. A pedal known for its reliability, quiet, and speed of action!

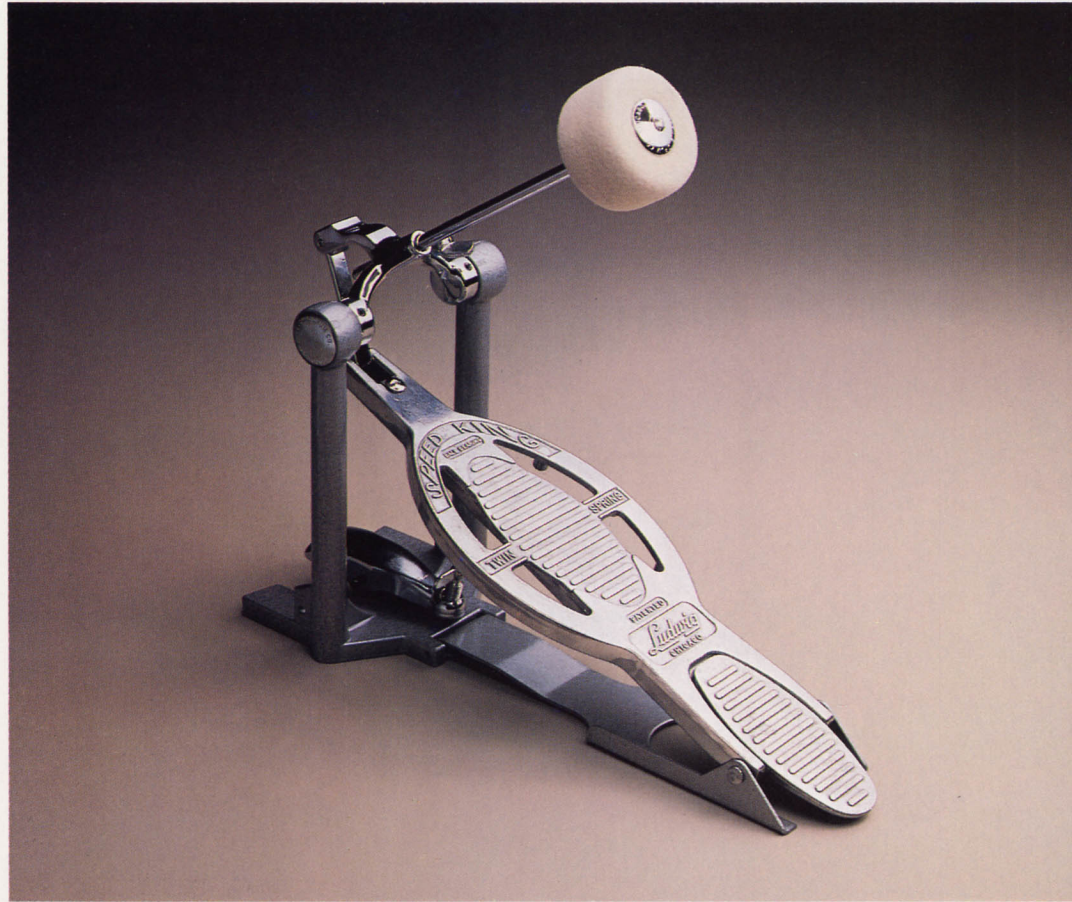
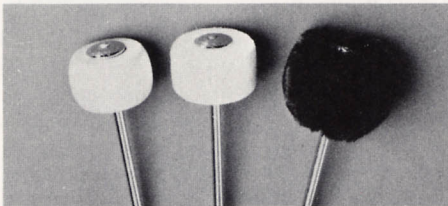
No. L-201 – Speed King Pedal, compression spring action.

Bass Drum Pedal Beaters

No. L-1287 – Solid wood ball.

No. L-1286 – Hard felt ball.

No. L-1285 – Black soft pile ball.



SEAT CASE (A)

A sturdy wood shell throne for the extra heavy user which also doubles as a convenient storage case. Available in any pearl finish to match your drum outfit. (Illustrated in wine silk finish.)

No. L-1027 – Seat Case, choice of finish.

HERCULES THRONE (B)

The strongest throne Ludwig builds. Extra large diameter, thickly cushioned seat allows many hours of comfortable support. Solid steel shaft, grooved for height adjustment, slides into extra large 1½" center support tube. A heavy-duty throne for the professional who demands the best!

No. L-1023 – Heavy-Duty Hercules Throne.

ATLAS THRONE (C)

An all-time favorite of drummers throughout the world, the Atlas Throne has proven its reliability as an all purpose drum and timpani stool. Its round padded black vinyl seat is adjustable and the tripod steel base provides stable support. The Atlas Throne folds very compactly.

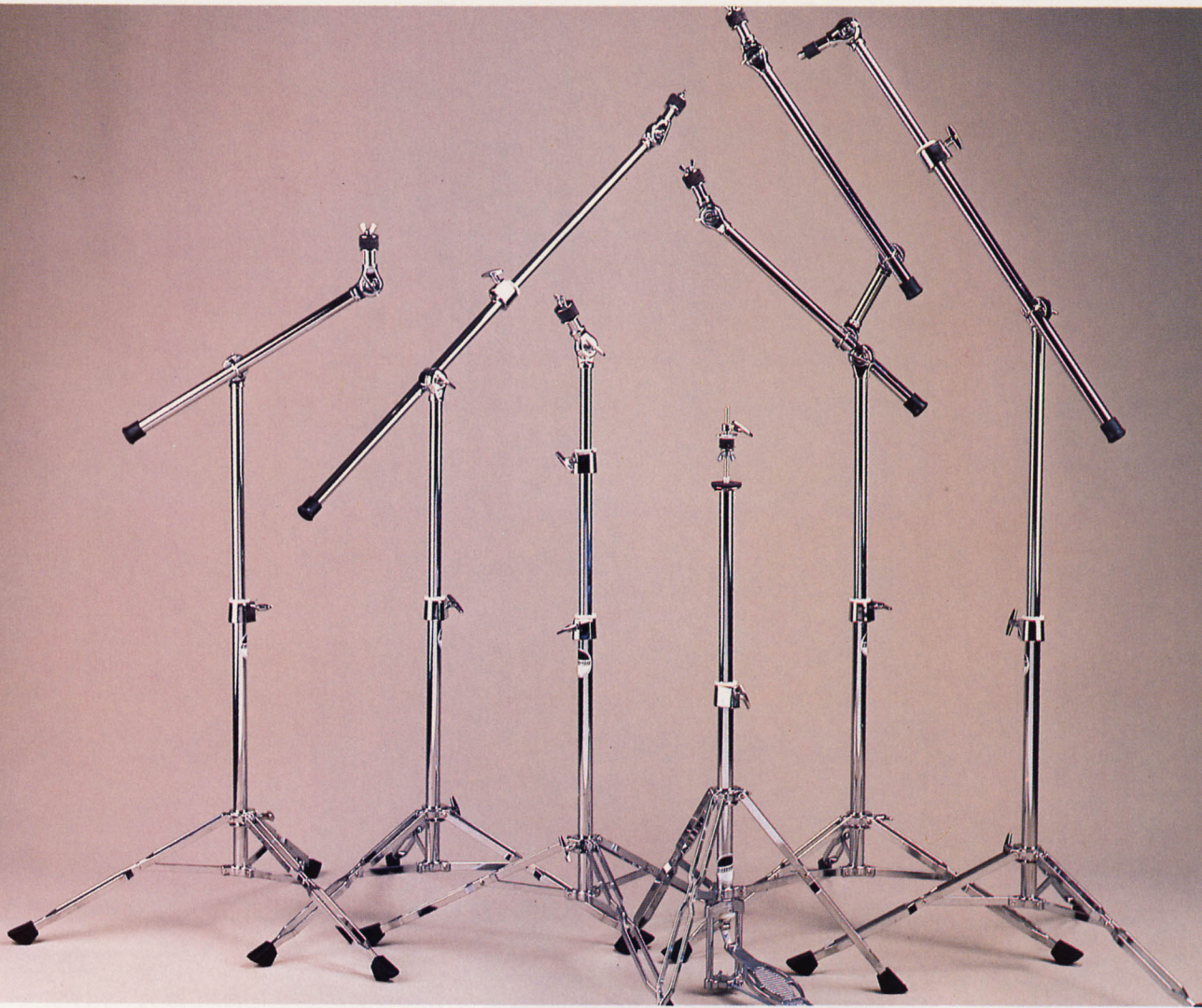
No. L-1020 – Atlas Throne.



A.

B.

C.



A.

B.

C.

D.

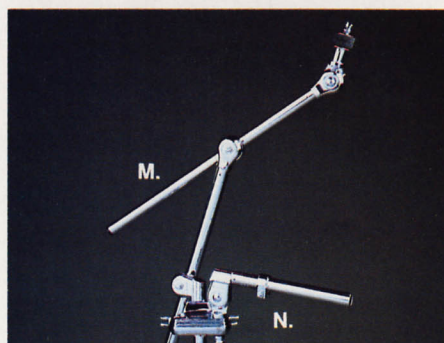
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MODULAR DOUBLE-BRACED STANDS, ADD-ONS AND CONVERTERS

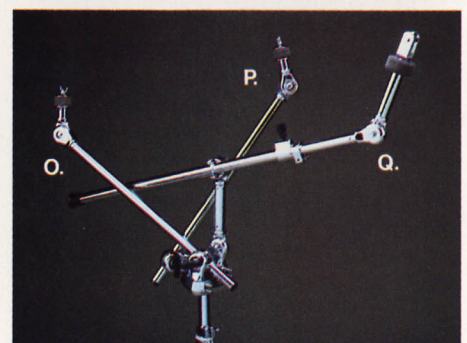
Ludwig's Modular Stand System is hard-working equipment that will take lots of punishment. Double bracing increases stability and still folds down into a compact radius for packing and travel. Legs are wide-spread, with enlarged rubber feet, for exceptional support. Nylon inserts assure positive 360° gripping power, and protect chrome finishes when stands are folded. This is the largest line of stands and holders anywhere in the world, designed to handle any weight, any drum, cymbal, or sound effect.

Modular Add-Ons transform one Modular stand into another with Ludwig's unique "dog bone" converter. The four basic components, applied to any of the Modular holders or stands, can adapt the stand to single, double, or even triple duty. A cymbal, a tom tom, a triangle, or several triangles can be easily mounted with the addition of one or more converters.



Modular Stands

- No. L-3068** – Modular Mini Boom Stand (A).
- No. L-3052** – Modular Cymbal Boom Stand (B).
- No. L-3051** – Modular Cymbal Stand (C).
- No. L-3053** – Modular Hi-Hat Stand (D).
- No. L-3069** – Modular Double Mini Boom Stand (E).
- No. L-3060** – Microphone Boom Stand (F).
- No. L-3061** – Modular Double Tom Tom Stand with Clip-Lok (G).
- No. L-3050** – Modular Snare Stand (H).
- No. L-3055** – Modular Double Tom Tom Stand with Pistol Ratchet (I).
- No. L-3056** – Modular Triad Tom Tom Stand with Pistol Ratchet (J).



- No. L-3057** – Modular Quad Tom Tom Stand with Pistol Ratchet (K).
- No. L-3054** – Modular Tom Tom Stand with Ratchet-Lok (L).
- No. L-3058** – Modular Tom Tom Boom Stand with Clip-Lok (not shown).
- No. L-3059** – Modular Overhead Tom Tom Stand with Pistol Ratchet (illustrated on page 35).
- No. L-3075** – Modular Tom Tom Boom Stand with Ratchet-Lok (not shown).

Modular Add-Ons and Converters

- No. L-3024** – Overhead Suspended Cymbal Holder (M).



G.

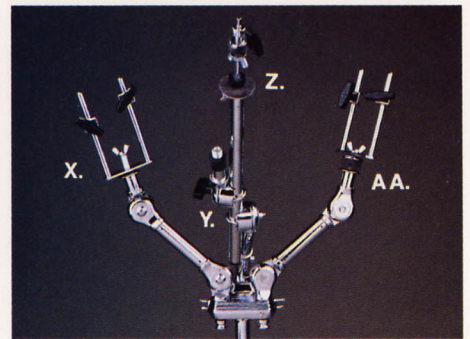
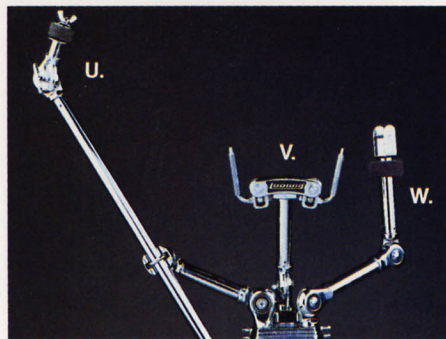
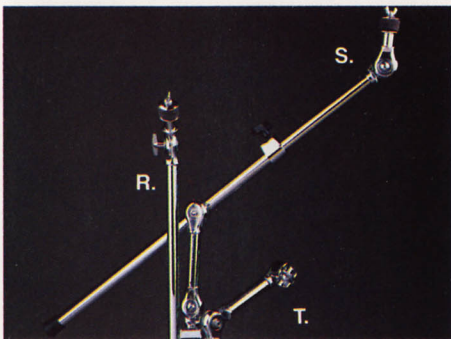
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L.



No. L-3077 – Modular Single Tom Tom Holder with Pistol Ratchet (N).

No. L-3019 – Modular Add-On Cymbal Holder for suspended tom (O).

No. L-3018 – Modular Add-On Cymbal Holder (P).

No. L-3020 – Modular Add-On Bongo/Tom Boom Holder with Clip-Lok (Q).

No. P-2931 – Upper Tube Cymbal Tilter Holder (R).

No. L-3021 – Modular Add-On Cymbal Boom Holder (S).

No. L-3080 – Modular Dog Bone Straight Insert (T).

No. L-3023 – Add-On Cymbal Holder with Dog Bone (U).

No. L-3070 – Modular Double Tom Tom Holder with Ratchet-Lok (V).

No. L-3079 – Add-On Single or Double Tom Holder, with Clip-Lok (W).

No. L-3073 – Modular Cymbal/Double Cowbell Holder (X).

No. L-3035 – Add-On Microphone Adaptor (Y).

No. L-3027 – Modular Auxiliary Closed Hi-Hat (Z).

No. L-3072 – Modular Cymbal/Double Cowbell Holder (AA).

No. P-2933 – Double Boom Ratchet Converter Link (BB).

No. P-2800-1A – Male/Female Converter Link (CC).

No. P-2932 – Female/Female Converter Link (DD).

No. P-2850A – Boom Ratchet (EE).

No. L-113 – Modular Hex Wrench.

No. L-3029 – Boom Ratchet Cymbal Holder (not shown).

No. L-3034 – Modular Cowbell Cluster Holder (not shown).

No. L-137 – Modular Add-On Ride Cymbal Holder (not shown).



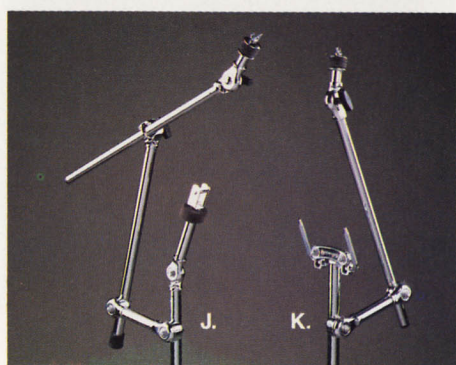
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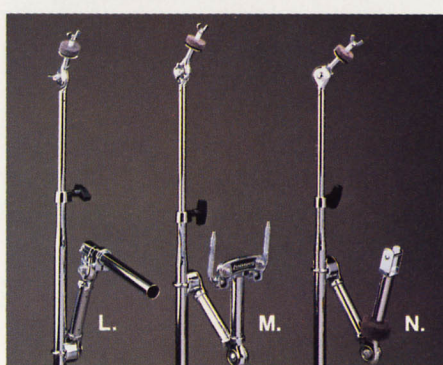
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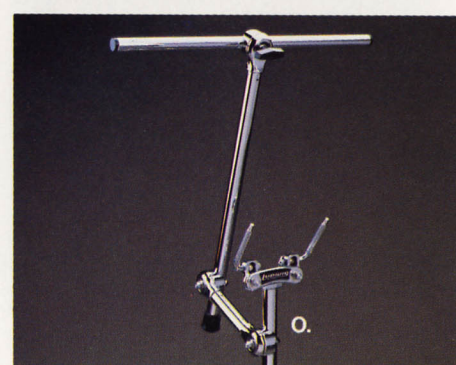
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M.

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O.

ATLAS STANDS, ADD-ONS AND CONVERTERS

Ludwig's heavy-duty Atlas stand line features a wide-angle tripod base made of flat wire steel braces. For quick set-up and knock-down, center tubes slide easily into each other and tripod base folds up flat and compact. The Atlas Hi-Hat has a sturdy double post base with direct-pull action and spring tension adjustment knob. The drum stand securely locks drum at any de-

sired angle or height. The cymbal stand is known for its great height extension. Dual ratchet control on the double tom floor stand holds any size tom.

You can increase the versatility of your system with Atlas Add-Ons and Converters. These components will dramatically expand your stand system at a fraction of the cost of new stands. Add-ons and converters are available for cymbals, toms, bells, or triangles. Atlas II Add-Ons can also be used on Modular and Hercules stands.

Atlas Stands

- No. L-2908** – Atlas Mini Boom Stand (A).
- No. L-2900** – Atlas II Cymbal Boom Stand (B).
- No. L-1126** – Atlas II Hi-Hat Stand (C).
- No. L-1403** – Atlas Cymbal Stand (D).
- No. L-2909** – Atlas Double Mini Boom Stand (E).
- No. L-2901** – Atlas II Tom Tom Holder with Clip-Lok (F).
- No. L-1357** – Atlas II Double Tom Tom Stand with Ratchet-Lok (G).
- No. L-1358** – Atlas II Snare Drum Stand (H).



F.

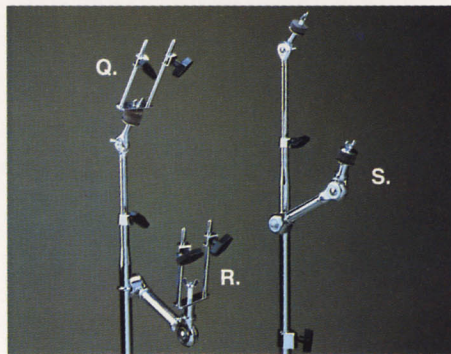
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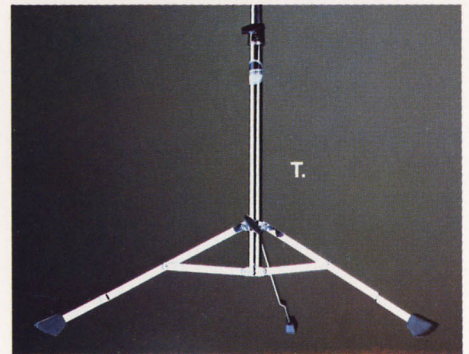
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Q.

S.

R.



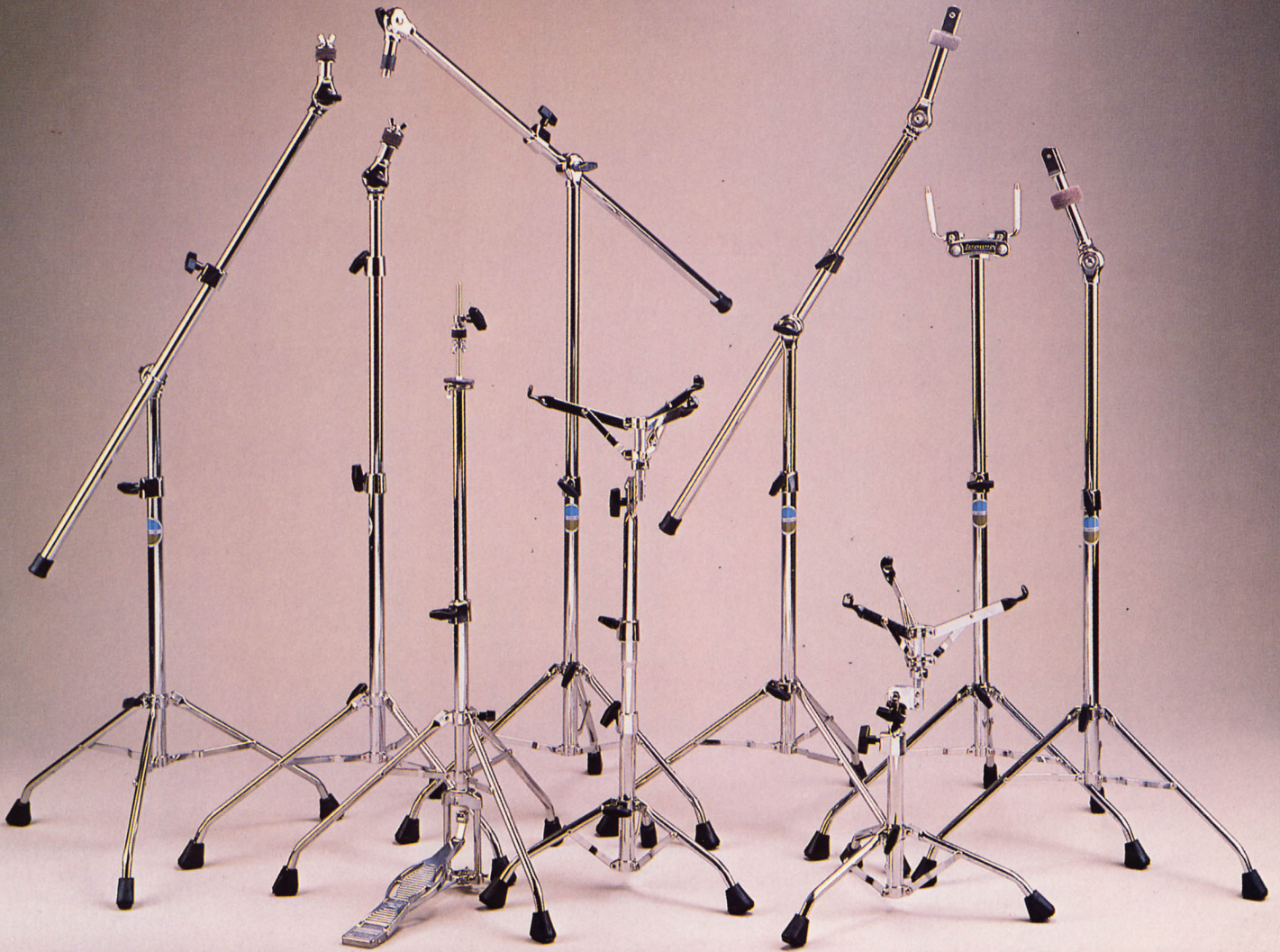
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- No. L-2905** – Atlas II Trap Table Stand (I).
No. L-1362 – Atlas II Snare Drum Stand with 10" extension tube (not shown).
No. L-2902 – Atlas II Tom Tom Boom Stand with Clip-Lok (not shown).
No. L-2911 – Atlas II Tom Tom Boom Stand with Ratchet-Lok (not shown).

Atlas Add-Ons and Converters

- No. L-3032** – Overhead Suspended Cymbal Holder (J).
No. L-3038 – Add-On Boom Cymbal Holder (K).
No. L-3074 – Add-On Modular Single Tom Tom Holder with Pistol Ratchet (L).
No. L-3071 – Add-On Modular Double Tom Tom Holder with Pistol Ratchet (M).
No. L-3039 – Add-On Boom Bongo/Timbale/Tom Holder with Clip-Lok (N).

- L-3033** – Latin Rack "T" Bar Assembly (O).
No. L-2918 – Add-On Auxiliary Closed Hi-Hat (P).
No. L-137 – Add-On Ride Cymbal/Cowbell Holder (Q).
No. L-3034 – Cowbell Cluster Holder (R).
No. L-3031 – Splash Cymbal or Cowbell Holder (S).
No. P-2503D – Atlas Base (T).
No. L-3036 – Microphone Boom Stand (not shown).
No. L-3037 – Boom Ratchet Bongo/Timbale/Tom Holder with Clip-Lok (not shown).



A.

B.

C.

D.

E.

F.

G.

H.

I.

HERCULES STANDS

Many drummers look for massive, sturdy stands which can really take a beating. Ludwig calls this heavy-duty line "HERCULES" for its extraordinary strength. Hercules wide-track base made of heavy tubular steel assures solid support. Large sure-grip rubber feet keep the stand in place and arrest creeping and skidding. Die-cast ratchets accept even the largest cymbal or tom. In spite of Hercules' rugged features, these stands are easy to set up or take down. Large bore steel center tubes fit neatly inside each other, and each stand can be packed in a single unit without losing stand sections.

Hercules Stands

No. L-1411 – Cymbal Boom Stand (A).

No. L-1406 – Cymbal Stand (B).

No. L-1131 – Hercules Hi-Hat Stand (C).

No. L-3036 – Microphone Boom Stand (D).

No. L-1375 – Snare Drum Stand, with 10" extension tube (E).

No. L-1412 – Tom Tom Boom Stand with Clip-Lok (F).

No. L-1374 – Snare Drum Stand (G).

No. L-1350 – Double Tom Tom Stand with Ratchet (H).

No. L-1356 – Double Tom Tom Stand with Clip-Lok (I).

No. L-1393 – 10" Extension Tube (not shown).

No. L-3011 – Hercules Overhead Tom Tom Stand with Pistol Ratchet (not shown).

No. L-3012 – Hercules Double Tom Stand (modular) with Pistol Ratchet (not shown).

No. L-3013 – Hercules Triad Tom Stand (modular) with Pistol Ratchet (not shown).

No. L-3014 – Hercules Quad Tom Stand (modular) with Pistol Ratchet and Clip-Lok (not shown).

TRIPOD STANDS

These Tripod Stands feature Ludwig quality at an affordable price! Their light weight and compact size make them easily transportable and they take up a minimum of floor space when set up. Telescoping tubes pack small for easy storage, and hand-size tension knobs offer easy adjustment with no wrenches or keys. Hi-Hat features direct-pull action and spur lock heel assembly. Drum stand provides large basket, and cymbal stand offers dual height adjustment.

Tripod Stands

No. L-1400 – Cymbal Stand (A).

No. L-1363 – Snare Drum Stand (B).

No. L-1123 – Hi-Hat Stand (C).

No. L-1355 – Snare Drum Stand (D).



D.



A.

C.

B.

TABLES

Ludwig offers tables for all percussion needs. Our trap tables hold accessories, sticks, and mallets for immediate use, and are fully adjustable for sitting or standing position. Our PA tables make PA headers easily accessible, and have a non-slip surface of corrugated hard rubber. Model No. L-2913 has a built-in receptacle on one of the base legs for handling up to five three-pronged plugs.

No. L-1409 – Outfit Trap Table, wood surface (A).

No. L-1378 – Concert Trap Table, felt surface (B).

No. L-1379 – Concert Trap Table only.

No. L-1368 – Concert Trap Stand only.

No. L-2913 – PA Head Table, with outlet (C).

No. L-2912 – PA Head Table, without outlet (not shown).



A.

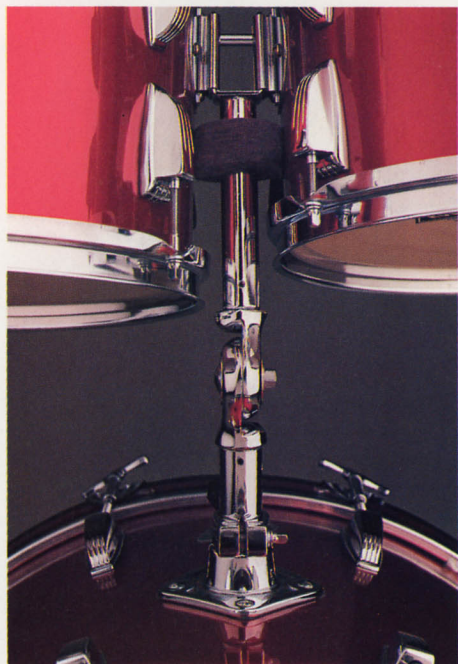
B.

C.

DOUBLE CLIP-LOK TOM TOM HOLDER

This holder was specifically designed for the single-headed Melodic Tom Toms to create close tom positioning. The Clip-Lok mounting method permits virtually instant set-up or removal of toms. A hard felt ball balances the toms and provides a solid, tight fit. An extra large ratchet supports even the biggest tom toms and provides positive, firm angle positions. Ludwig's tension knob adjusts steel center tube for any height.

No. L-780 – Double Clip-Lok Tom Tom Holder (clips not included).



DOUBLE RATCHET TOM TOM HOLDER

The Ludwig double ratchet tom tom holder is an all-time favorite! Two rugged die-cast ratchets provide positive locking, fine angle adjustment, and individual tilting of tom tom. The sturdy steel center tube is controlled by Ludwig's new hand-size tension knob.

No. L-781 – Double Ratchet Tom Tom Holder (brackets not included).



OUTFIT ACCESSORIES

1. STANDARD DRUM KEY

Fits all standard-size square-headed tension rods.

No. P-41

2. SCREWDRIVER DRUM KEY

Combination key for Super-Sensitive and Challenger snare assemblies.

No. P-40

3. MODULAR HEX WRENCH

Designed for Modular hardware outfits.

No. L-113

4. TORQUE WRENCH

Quick, powerful wrench for maximum tensioning. Reversible.

No. L-111

5. SPIN KEY

Provides fast adjustment of key rods.

No. L-112

6. HI-HAT CLAMP

Heavy-Duty brace that holds Hi-Hat stand in place by clamping onto bass drum hoop. Holds most standard Hi-Hats.

No. L-1127

7. BASS FELT STRIP

For outfit bass drums to control resonance. Fits all outfit bass sizes, held in place by head tensioning.

No. P-1804

8. IMPACT PADS

Pair of pressure sensitive adhesive cloth pads for use on outfit bass drums to muffle sound and reduce ring.

No. L-1288

9. CIRCLE IMPACT PADS (PAIR)

Heavy-gauge inner leather patch absorbs strokes from a hard felt or wood beater ball.

No. L-1292

10. PAD ASSORTMENT

Outfit assortment of ten pads for two aerial toms, one floor tom, and one bass drum. Contains four 2" pads, two 3" pads, two 7" pads, and two circular impact pads.

No. L-1298

11. 2" TOM PADS

Pair of 2" pads for small toms.

No. L-1290

12. 3" TOM PADS

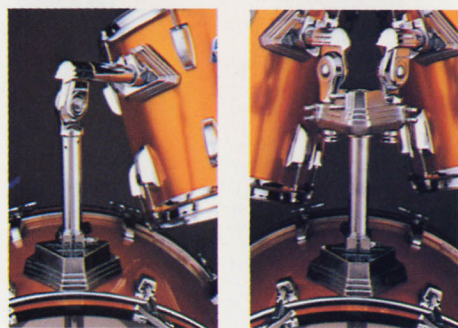
Pair of 3" pads for small toms.

No. L-1291

13. 5" BASS DRUM PADS

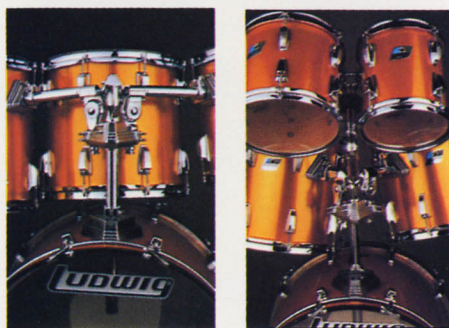
Pair of 5" pads for 22" and 24" marching bass drum.

No. L-1293



MODULAR TOM TOM HOLDERS

Ludwig's Modular Tom Tom Holders were designed to support impressive drum weights. The large triangular base plate fits either bass drum or tom tom shells. A steel back-up plate neatly distributes the torque over a very wide area to protect valuable shells. The die-cast pistol ratchets contain enough teeth for minute angle adjustments. All tubes and castings allow diverse positions, and are built to withstand exceptional stress.

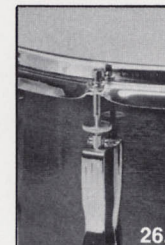
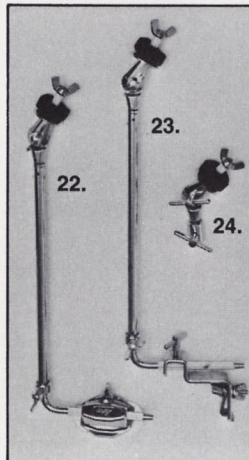
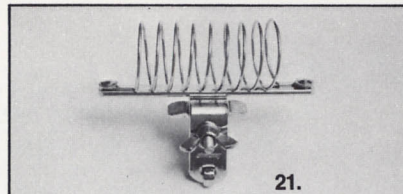
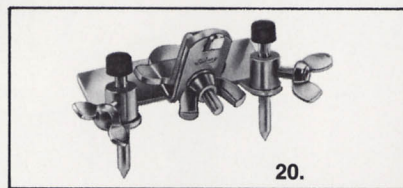
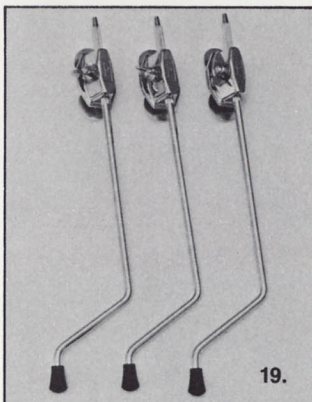
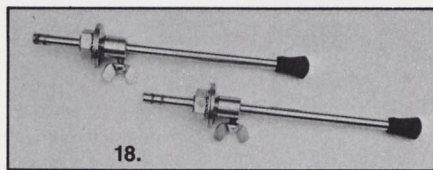
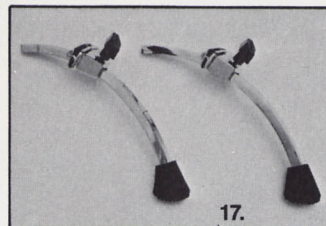
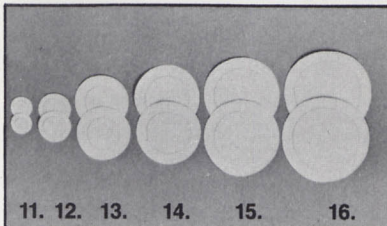
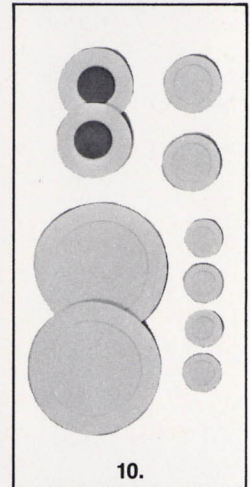
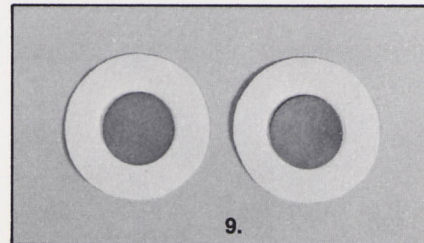
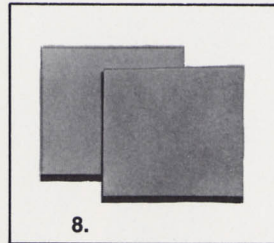
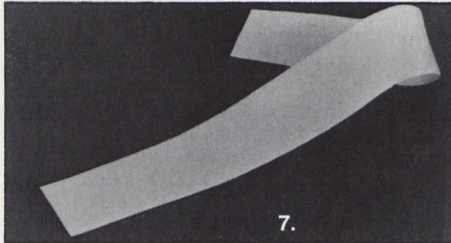
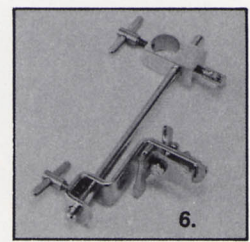
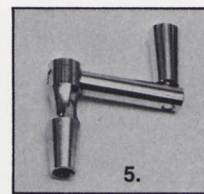
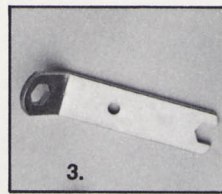
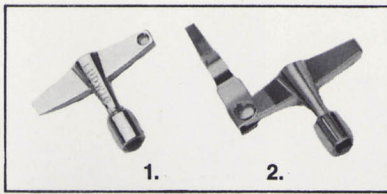


No. L-3001 – Modular Single Tom Holder.

No. L-3002 – Modular Double Tom Holder.

No. L-3003 – Modular Triple Tom Holder.

No. L-3004 – Modular Quad Tom Holder, with Pistol Ratchet and Clip-Lok.

**14. 6" BASS DRUM PADS**

Pair of 6" pads for 26" and 28" marching bass drum.

No. L-1294

15. 7" BASS DRUM PADS

Pair of 7" pads for 30" and 32" marching bass drum and outfit bass drum.

No. L-1295

16. 8" DRUM PADS

Pair of 8" pads for 34" through 40" drums.

No. L-1296

17. SURE GRIP SPURS (PAIR)

Forward pitch stops creeping of bass drum. Removable rubber feet allow metal points to dig in. Spurs easily retract into drum for packing. Complete with pair of mounting brackets.

No. 1308

18. DISAPPEARING SPURS (PAIR)

Mount on bass drum and retract into shell when not in use. Sharp metal spur covered by rubber tip.

No. L-1303

19. TOM TOM LEGS

Long adjustable legs are bent at just the right angle to provide maximum stability. Complete with crutch tips and shell mount brackets.

No. L-5022 – 17" long.

No. L-5023 – 23" long.

20. BASS DRUM ANCHOR

Mounts on front bass drum hoop to stop any forward movement. Reversible tips offer choice of rubber or steel points.

No. L-1304

21. STICKHOLDER

Spring Steel Stick Holder. Clamps on bass drum counterhoop.

No. L-1324

22. CYMBAL HOLDER

Shell Mount Cymbal Holder complete with mounting bracket.

No. L-1372

23. CYMBAL HOLDER

Hoop Mount Cymbal Holder complete with mounting clamp.

No. L-1370

24. CYMBAL TILTER ONLY

Mounts on top of standard cymbal rod.

No. L-1395

25. QUIK-SETS

No. P-1763A – Quik-set clamp with keyrod, 1"

No. P-1763-1A – Quik-set clamp with keyrod, 7/8"

26. TENSION LOCK NUT

No. P-2429-1T

27. STICK CADDY

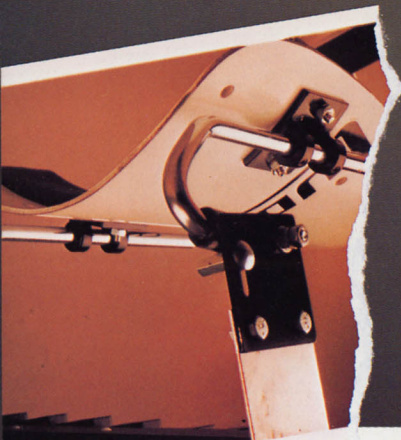
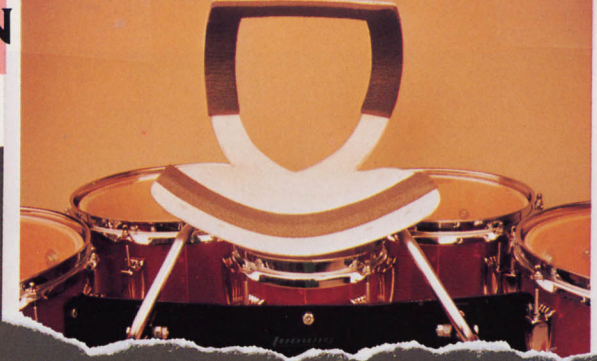
Mounts on floor tom to keep sticks, brushes, and mallets handy. Folds up compactly for traveling. Made of durable high-quality dura-hyde.

No. L-399

28. CYMBAL HOLDER

Heavy-Duty Shell Mount Cymbal Holder with mounting bracket (not shown).

No. L-1390



Whatever exciting tone colors you want for your marching percussion ensemble, Ludwig has the instrument for you. If it's a large sound with maximum clarity, our marching timpani and multiple-pitched bass drums will give you the power and depth to cut through background noise. If it's distinctive tonal flavors you're seeking, our timp-tom trios and Latin clusters offer you unique sounds that will make your audience cheer. For melody and harmony, our marching bells, xylophones, and marimbas will create for you a new dimension of sound.

All of these instruments can be easily maneuvered on the field with Ludwig's versatile carrier harnesses. Let your imagination create new formations, new steps—confident that our marching equipment won't tie you down!

Ludwig offers you total marching percussion, with the famous Ludwig craftsmanship that ensures a long life for your instruments.

THE VEST – LUDWIG'S FIBER-VEST CARRIER SYSTEM

Freedom of movement for marching, full range of adjustment for performance, and firm support for the drum—all from one ingenious carrier called the Vest.

The attractive "V" front, finished in glossy white, is lightweight, comfortable, and adjustable to any size. It can be worn under or over the uniform. No straps or leg rests are required, so the player can take a full marching stride. The drum remains stable. Traditional or matched grip can be used.

The height of the drum can be adjusted twelve inches. The angle adjustment has a range of forty degrees. The drum can be leveled from left to right. And the drum can be removed from the carrier in a moment.

All hardware is of rugged steel construction, and has been field and contest proven. The chrome plated support rods angle the drum away from the player's legs and body, which provides freedom of movement,

and added sound from the drum.

Carriers are available for the following drums—snare drum, bass drum, trio drums, quad drums, quint drums, and for marching bells, xylophone, and marimba.

When drums are tacet, an ingenious swivel mount lets the player tilt them back 90 degrees for more comfortable weight support. The swivel permits more compact storage as well.

Ludwig Fiber-Vest carrier designed by Hadley Loveall.

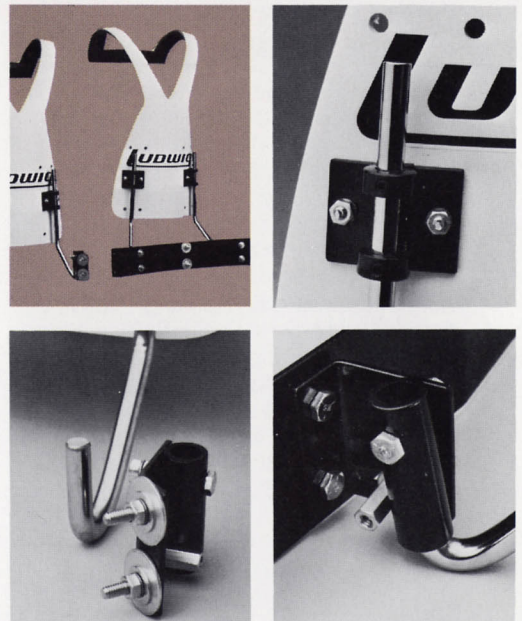


LUDWIG VEST CARRIERS

- No. L-2740** – Vest Snare Drum Carrier with Brackets.
- No. L-2741** – Vest Bass Drum Carrier with Brackets.
- No. L-2742** – Vest Trio Carrier with Brackets (12"-14"-16").
- No. L-2743** – Vest Trio Carrier with Brackets (12"-13"-14").
- No. L-2744** – Vest Quad Carrier with Brackets (8"-10"-12"-13").
- No. L-2745** – Vest Quint/Quad Carrier with Brackets (6"-10"-12"-13"-14") (10"-12"-13"-14").
- No. M-2478** – Vest Marching Marimba Carrier
- No. M-2481** – Vest Marching Xylophone Carrier.
- No. M-2480** – Vest Marching Bells Carrier

LUDWIG MARCHING PERCUSSION WITH VEST CARRIERS

- No. L-1678** – (12"-14"-16") Power Cut Trio with Vest Carrier.
- No. L-1679** – (12"-13"-14") Power Cut Trio with Vest Carrier.
- No. L-1686** – (8"-10"-12"-13") Power Cut Quad with Vest Carrier.
- No. L-1685** – (10"-12"-13"-14") Power Cut Quad with Vest Carrier.
- No. L-1687** – (6"-10"-12"-13"-14") Power Cut Quint with Vest Carrier.
- No. M-265** – Marching Aluminum Bells with Vest Carrier.
- No. M-263** – Marching Marimba with Vest Carrier.
- No. M-266** – Marching Xylophone without Resonators, with Vest Carrier.
- No. M-267** – Marching Xylophone with Resonators, with Vest Carrier.
- No. M-269** – Marching Steel Bells with Vest Carrier.





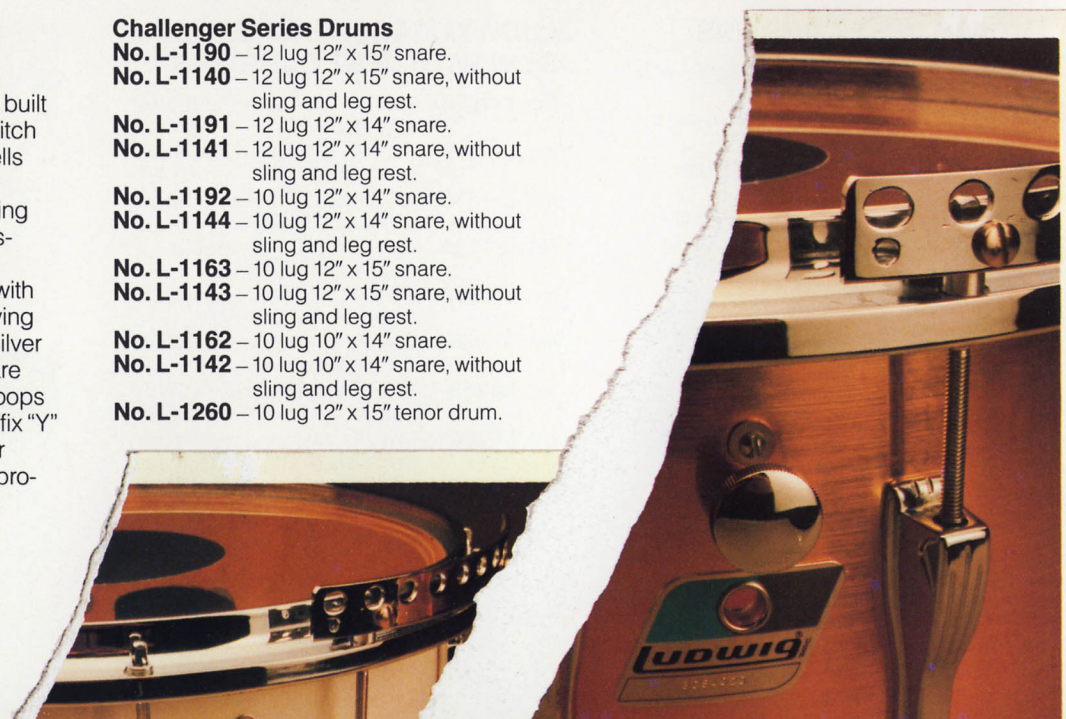
**CHALLENGER SERIES
PARADE DRUMS**

Ludwig's Challenger snare drums are built to give added projection with higher pitch tuning. The six-ply die-mold wood shells provide the articulation demanded by today's competition corps and marching bands. Your choice of finish; drum illustrated is finished in brushed gold.

Challenger drums come complete with sling, sticks, leg rest, multi-angle carrying bar, and Ludwig's exclusive Striders Silver Dot batter head. Triple-flange hoops are standard; die-cast batter and snare hoops are available at extra cost (add the suffix "Y" to catalog number when ordering). For cases see pages 102-103. For sound projectors see page 61.

Challenger Series Drums

- No. L-1190** – 12 lug 12" x 15" snare.
- No. L-1140** – 12 lug 12" x 15" snare, without sling and leg rest.
- No. L-1191** – 12 lug 12" x 14" snare.
- No. L-1141** – 12 lug 12" x 14" snare, without sling and leg rest.
- No. L-1192** – 10 lug 12" x 14" snare.
- No. L-1144** – 10 lug 12" x 14" snare, without sling and leg rest.
- No. L-1163** – 10 lug 12" x 15" snare.
- No. L-1143** – 10 lug 12" x 15" snare, without sling and leg rest.
- No. L-1162** – 10 lug 10" x 14" snare.
- No. L-1142** – 10 lug 10" x 14" snare, without sling and leg rest.
- No. L-1260** – 10 lug 12" x 15" tenor drum.



CHALLENGER H-V SNARE DRUM

The Challenger H-V (high volume) has a unique sound venting system around the middle circumference of the shell, affording a louder, more open sound. Crisp and sensitive at low volume, distinctive and dominating at high volume, the H-V is visually exciting, musically dramatic, and aggressive! Available in all finishes except chrome-o-wood; illustrated drum finished in white cortex. Triple-flanged hoops are standard. You can also choose die-cast top and bottom hoops for your H-V (add the suffix "Y" to catalog number when ordering). For cases see pages 102-103.

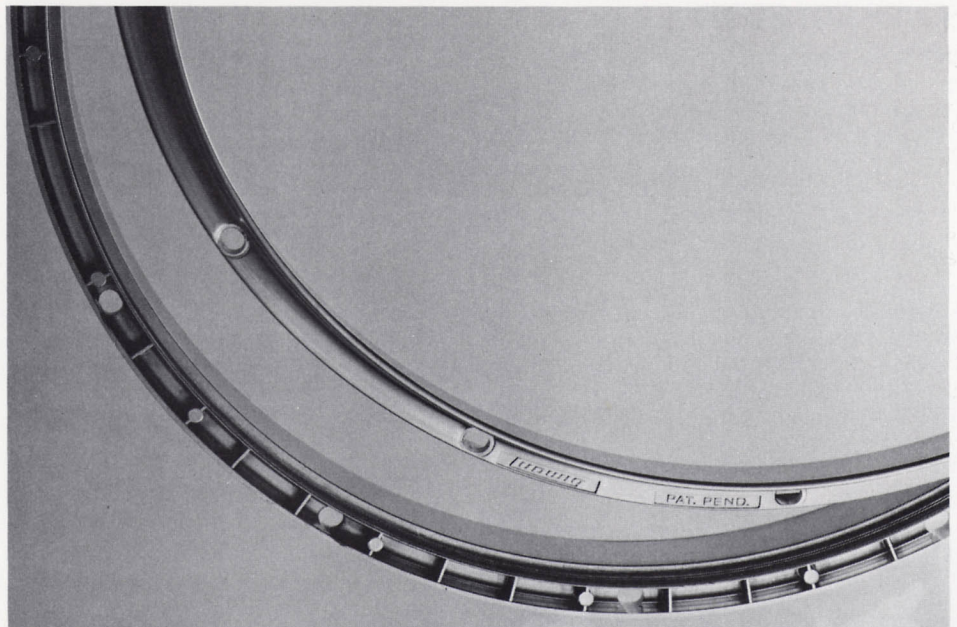
Challenger H-V Snare

- No. L-1150** – 12 lug 12" x 14" snare with leg rest.
- No. L-1151** – 10 lug 12" x 14" snare with leg rest.
- No. L-1152** – 12 lug 12" x 14" snare without leg rest.
- No. L-1153** – 10 lug 12" x 14" snare without leg rest.
- No. L-1154** – 12 lug 12" x 15" snare with leg rest.
- No. L-1155** – 12 lug 12" x 15" snare without leg rest.
- No. L-1156** – 10 lug 12" x 15" snare with leg rest.
- No. L-1157** – 10 lug 12" x 15" snare without leg rest.

TWIN CHANNEL DIE-CAST HOOPS

This innovative hoop has a cross-ribbed twin channel design that provides 360° of total hoop-to-head support. The heavy-duty rim shot bead minimizes stick damage and resists denting. Ludwig has eliminated the "ears" at tension rod locations to give this hoop a smooth, uncluttered appearance. Precision die-cast for reliability, strength, and consistency!

- No. L-4106** – 4 hole 6"
- No. L-4108** – 4 hole 8"
- No. L-4101** – 5 hole 10"
- No. L-4100** – 6 hole 10"
- No. L-4120** – 6 hole 12"
- No. L-4121** – 8 hole 12"
- No. L-4130** – 6 hole 13"
- No. L-4131** – 8 hole 13"
- No. L-4140** – 6 hole 14"
- No. L-4141** – 8 hole 14"
- No. L-4142** – 10 hole 14"
- No. L-4143** – 12 hole 14"
- No. L-4144** – 8 hole 14"
- No. L-4145** – 10 hole 14"
- No. L-4146** – 12 hole 14"
- No. L-4150** – 8 hole 15"
- No. L-4151** – 10 hole 15"
- No. L-4152** – 12 hole 15"
- No. L-4153** – 8 hole 15"
- No. L-4154** – 10 hole 15"
- No. L-4155** – 12 hole 15"
- No. L-4160** – 8 hole 16"
- No. L-4161** – 10 hole 16"
- No. L-4180** – 8 hole 18"





POWER CUT SERIES

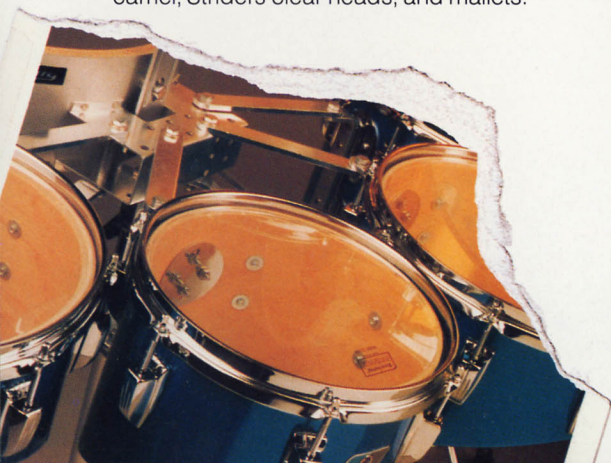
Ludwig's Power Cut Series offers increased high-pitch projection with reduced instrument weight. The six-ply die-mold wood shells are available in most popular size configurations in your choice of finish. The outfits above are finished in blue silk, gold silk, and wine silk. Supplied with Ludwig carrier, Striders clear heads, and mallets.

NOTE: Triple-flanged hoops are standard. Die-cast batter hoops are available at extra cost (add the suffix "Y" to catalog number when ordering).

- No. L-678** – Power Cut Trio, sizes 12", 14", and 16" diameter.
- No. L-679** – Power Cut Trio, sizes 12", 13", and 14" diameter.
- No. L-685** – Power Cut Quad, sizes 10", 12", 13", and 14" diameter.
- No. L-686** – Power Cut Quad, sizes 8", 10", 12", and 13" diameter.
- No. L-687** – Power Cut Quint, sizes 6", 10", 12", 13", and 14" diameter.
- No. L-688** – Power Cut Quint, sizes 6", 8", 10", 12", and 13" diameter.

LUDWIG FIELD STAND

Duos, trios, quads, and quints can be placed on this heavy-duty Ludwig stand (No. L-1385). Also ideal for concert and stage band use.



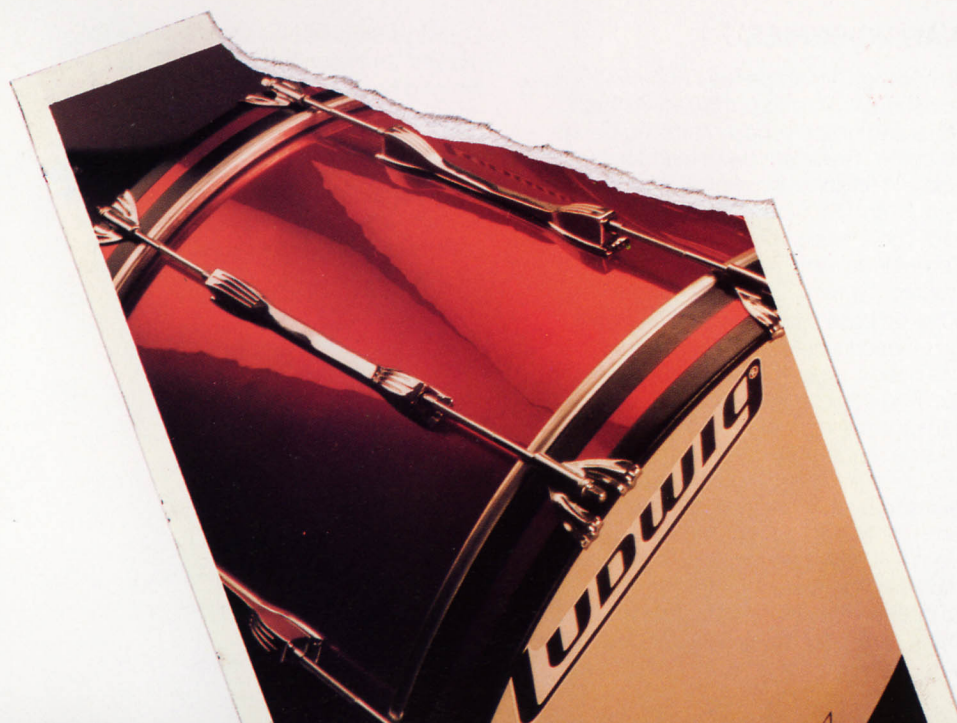


CHALLENGER SERIES BASS DRUMS

Challenger bass drums offer a rich, full-bodied sound unequalled by any other marching bass. They feature Ludwig's exclusive six-ply die-mold wood shells, renowned for strength and resonance, plus 12 self-aligning tension casings for maximum tension distribution. These bass drums are available in any of Ludwig's beautiful finishes (the drums above are finished in red silk). Sling and mallets are included. For cases see pages 102-103.

Challenger Series Bass Drums

- No. L-1194** – 14" x 22" bass drum.
- No. L-1195** – 14" x 24" bass drum.
- No. L-1196** – 14" x 26" bass drum.
- No. L-1197** – 14" x 28" bass drum.
- No. L-1198** – 16" x 30" bass drum.
- No. L-1199** – 16" x 32" bass drum.





CLASSIC SERIES

The Ludwig Classic Series is a smart choice musically and practically for high school and grade school marching bands and corps. The snare drum features the reliable P-85 snare strainer, eight tension casings, and Striders Silver Dot batter head. The Classic snare drums and tenor drum include sling, sticks, eye hook, and mounted leg rest.

Classic bass drums feature ten sturdy lugs on each side and are supplied with white heads, sling, and a pair of mallets.

Ludwig's Sound Projector trios and quads have six-ply, die-mold wood shells in a wide range of sizes for the sound and articulation you need. The adjustable all-metal shoulder harness is standard equipment. Lightweight sound projectors, available in red, white, blue, black, or clear, attach easily to the open end of the shell and direct the sound at the audience with greater power and definition. Supplied with

Ludwig's Striders clear heads, waist sling, mallets, and sound projectors. Triple-flanged hoops are standard. Trios and quads are available with die-cast batter hoops at extra cost (add the suffix "Y" to catalog number when ordering).

All Classic and Sound Projector drums are available in your choice of finish. The outfit illustrated above is finished in white cortex.

- No. L-1012** – 12" x 15" Classic snare.
- No. L-1145** – 12" x 15" Classic snare, without sling and leg rest, includes carrying bar.
- No. L-1010** – 10" x 14" Classic snare.
- No. L-1146** – 10" x 14" Classic snare, without sling and leg rest, includes carrying bar.
- No. L-1015** – 12" x 15" Classic tenor.
- No. L-978** – 10" x 26" Classic bass.
- No. L-979** – 10" x 28" Classic bass.
- No. L-971** – 14" x 24" Classic bass.
- No. L-977** – 14" x 26" Classic bass.
- No. L-974** – 14" x 28" Classic bass.
- No. L-655** – Sound Projector Trio, 11" deep x 12", 12" deep x 13", 13" deep x 14".
- No. L-665** – Sound Projector Trio, 11" deep x 12", 13" deep x 14", 15" deep x 16".
- No. L-675** – Sound Projector Trio, 9" deep x 10", 12" deep x 13", 15" deep x 16".
- No. L-684** – Sound Projector Quad, 9" deep x 10", 11" deep x 12", 12" deep x 13", 13" deep x 14". Includes No. L-744 shoulder harness.



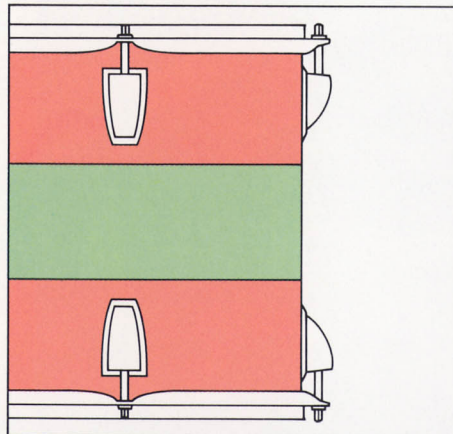
CUSTOM SCHOOL COLORS

Now you can select your band's drum colors to match your school colors! Ludwig's custom color system suggests endless possibilities. Some of the most popular finishes include black pearl and sparkle pearl in blue, gold, silver, red, or green. The drums shown above are finished in variations of red, blue, and silver sparkle.

Ludwig offers two patterns of colors—three-band and five-band. Just follow the directions on this page when ordering your custom colors.

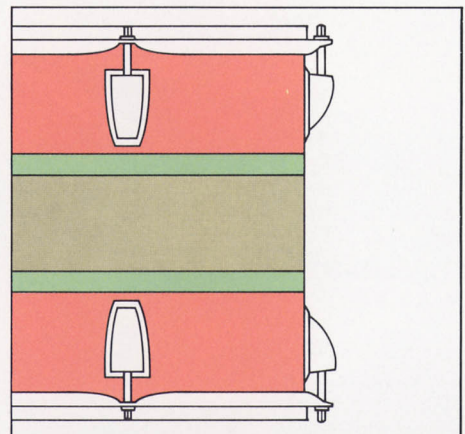
Pattern I

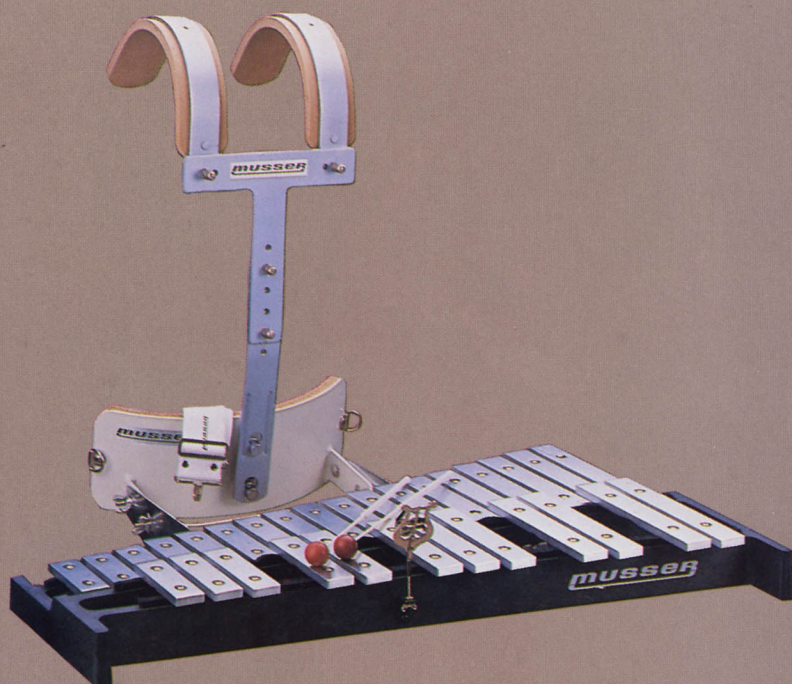
Three-band pattern. Specify outer color first, then center band color.



Pattern II

Five-band pattern. Specify colors from outside to center: outer band first, then border stripe, then center band.





ALUMINUM MARCHING BELLS

Bells are a natural for today's melodic marching percussion. These lightweight aluminum marching bells are tuned to A-440 with a range of 2½ octaves (G5 to C8). Bars are 1¼" wide and ⅜" thick. Weight is 15 pounds exclusive of holder. With shoulder carrier and two pairs of mallets.

No. M-65 – Aluminum marching bells (illustrated at left).

STEEL MARCHING BELLS

Steel bells ensure superb projection and the special brilliance of high-carbon tempered steel bars. Tuned to A-440, range of 2½ octaves (G5 to C8). Bars are 1¼" wide and ⅝" thick. Weight is 25 pounds exclusive of holder. With shoulder carrier harness and two pairs of mallets.

No. M-69 – Steel marching bells (not illustrated).

MARCHING XYLOPHONE

Musser's exclusive Kelon® bars with resonators have brought a distinctive xylophone sound to marching percussion. Kelon keeps its pitch regardless of the weather and is extremely durable. Tuned to A-440, range 2½ octaves (C5 to G7). Bars are 1½" wide and 7⁄8" thick. Weight is 33 pounds exclusive of holder. Comes with lightweight carrier harness and two pairs of mallets.

No. M-67 – Marching xylophone (illustrated at left).

No. M-66 – Marching xylophone without resonators.

No. M-34 – Xylophone conversion kit, including two sets of resonator tubes with mounting attachments.

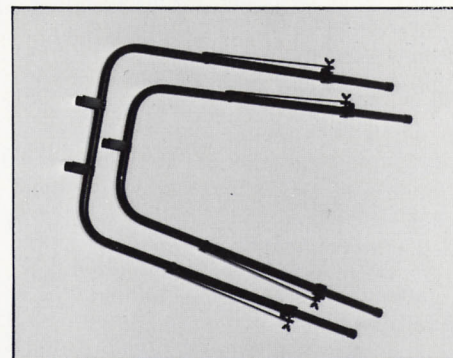
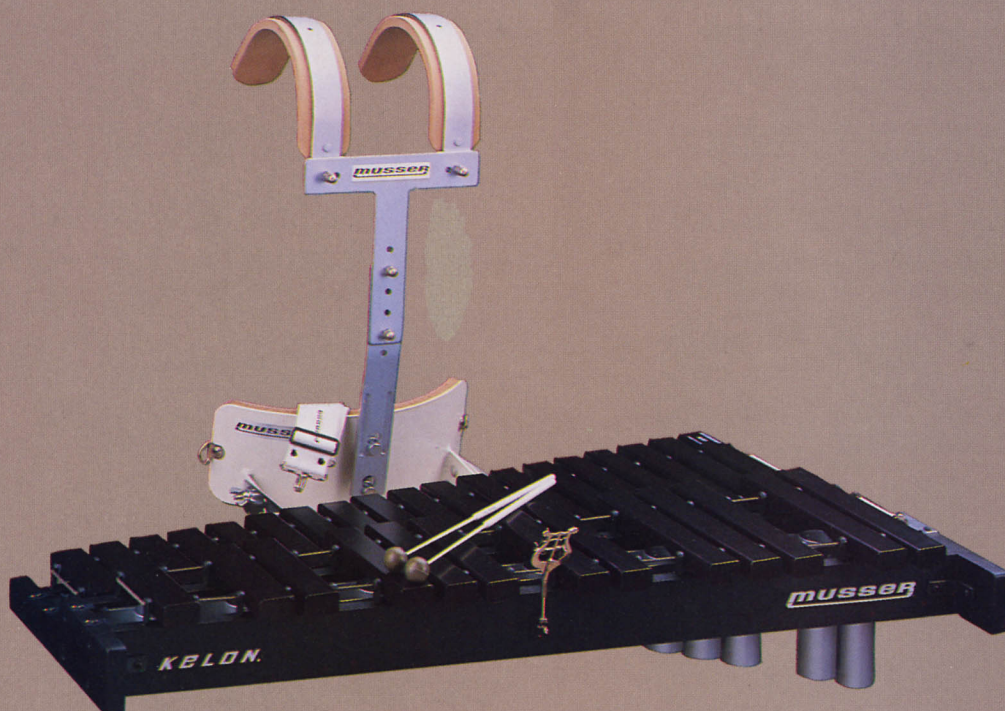
MARCHING KEYBOARD LEGS

Unique "U" frames snap on the frame of any Musser marching bell, xylophone, or marimba. Protect resonators when not used on the march and allow use of instrument indoors for concert band.

No. M-132 – Set of two legs.

No. M-122 – Set of legs for M-63.

NOTE: For marching timpani, see page 70. For cases see pages 102-103.



MARCHING MARIMBA

Musser's marching marimba features Kelon bars, which do not change pitch in any weather conditions. Kelon bars are very durable and second to none on tonal projection and penetration. Tuned to A-440, range of two octaves. Bars are 1½" wide and 7/8" thick. Weight is 34 pounds exclusive of holder. Supplied with Ludwig's lightweight shoulder carrier harness and two pairs of mallets.

No. M-63 – Marching marimba with resonators.

No. M-159 – Set of 3 cases for M-63.

MARCHING MALLET INSTRUMENTS – REPLACEMENT PARTS

M-1103 – Felt strips for bar mounting rails, (for Model No. 65, 69) Set of 4

M-1104 – Machine Screws and Bushing Assembly to mount bars for Model No. 65, 69 (1 set) (60)

M-1108 – Music Holder for all marching mallet instruments

M-361 – Waist Sling for all marching mallet instruments (white only)

M-1109 – Mounting Plate Assembly for Natural Resonators, Model No. 64, 67

M-1110 – Mounting Plate Assembly for Sharp Resonators, Model No. 64, 67

M-1111 – Resonator Mounting Blocks for M-67, high end, set of 2

M-1112 – Resonator Retainer Springs for M-67, high end, set of 4

M-1592 – Repair Kit for Musser Marching Mallet Instruments

Includes: bar mounting cord and springs for M-66/M-67, mounting posts and rubber grommets for keyboards, on M-64/M-67, mounting screws and bushings for keyboards, M-65/M-69, drum key for mounting resonators on M-64/M-67.

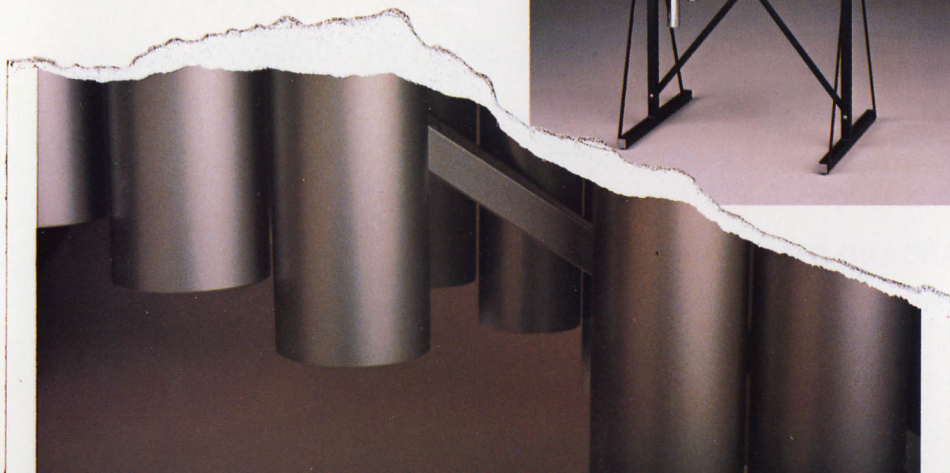
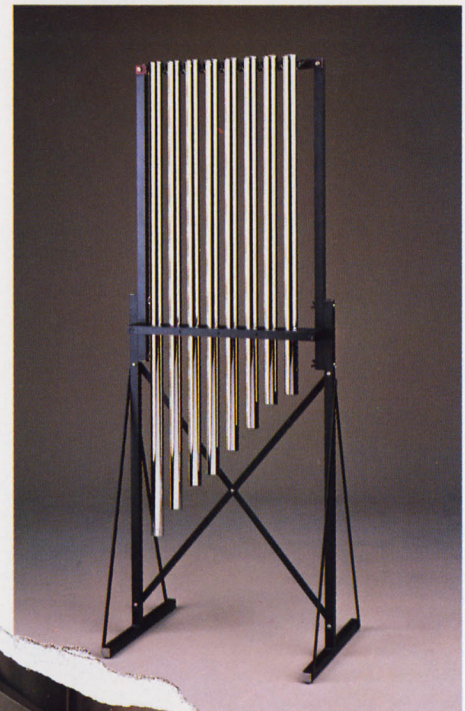
P-4202 – Lower connection/adjustment bar for No. 527 Universal Marching Carrier.

**PORTABLE CHIME STAND**

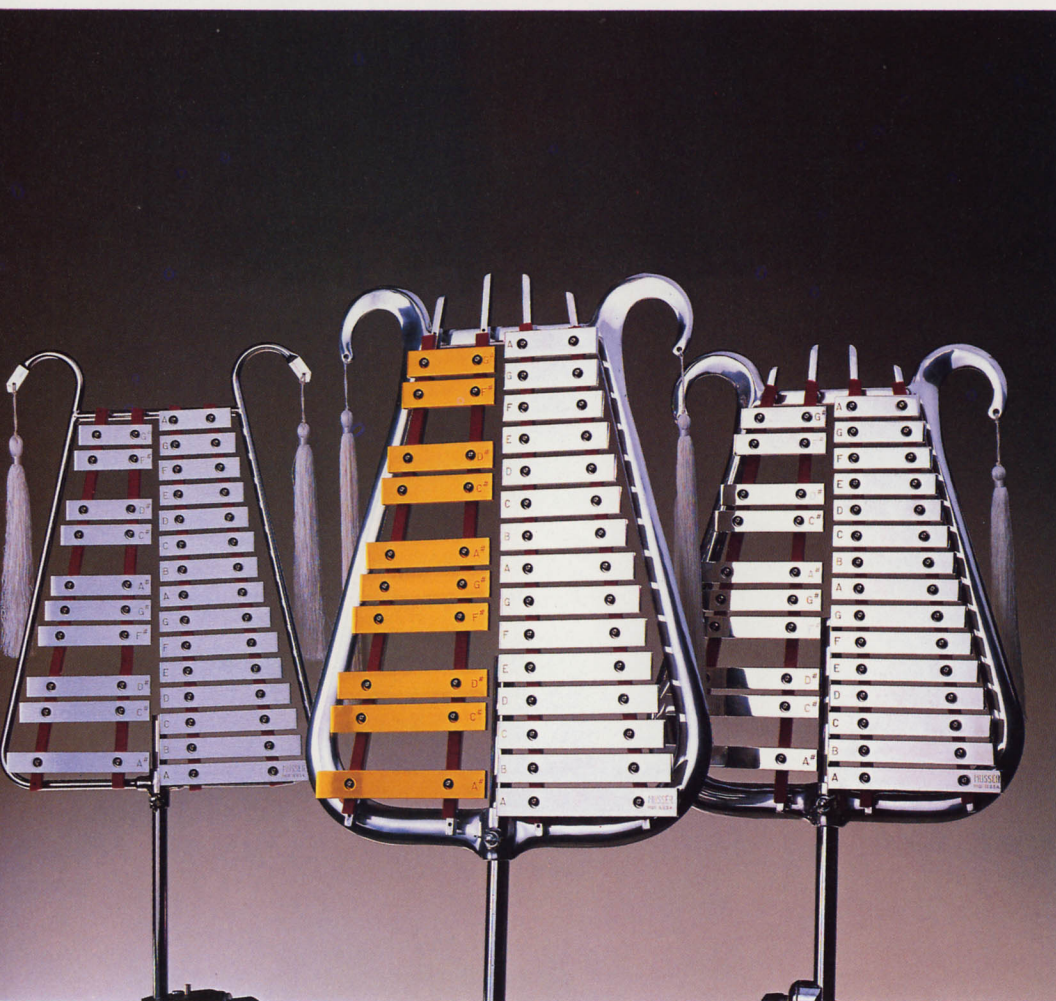
Musser's Portable Chime Stand holds up to eight tubes and can be used indoors or out for marching or concert ensembles. Take only the chime tubes you need on tour.

No. M-1385 – Portable chime stand.

NOTE: Chime tubes are not included with the M-1385, and must be ordered separately. Order tubes by model number, tube note, and chime diameter—1½" or 1¼" (chrome finish only).



1½" Chime Tubes		1¼" Chime Tubes	
Model No.	Tube Note	Model No.	Tube Note
M-4740	C ⁵	M-4760	C ⁵
M-4741	C# D _b	M-4761	C# D _b
M-4742	D	M-4762	D
M-4743	D# E _b	M-4763	D# E _b
M-4744	E	M-4764	E
M-4745	F	M-4765	F
M-4746	F# G _b	M-4766	F# G _b
M-4747	G	M-4767	G
M-4748	G# A _b	M-4768	G# A _b
M-4749	A	M-4769	A
M-4750	A# B _b	M-4770	A# B _b
M-4751	B	M-4771	B
M-4752	C ⁶	M-4772	C ⁶
M-4753	C# D _b	M-4773	C# D _b
M-4754	D	M-4774	D
M-4755	D# E _b	M-4775	D# E _b
M-4756	E	M-4776	E
M-4757	F	M-4777	F
M-4758	F# G _b	M-4778	F# G _b
M-4759	G	M-4779	G



LIGHTWEIGHT BELL LYRA

This lightweight bell lyra has been designed specifically for junior high and grade school use. Aluminum bars are tuned to A-440, range is two octaves (A5 to A7). Bars are 1" wide and 1/4" thick. Weight is 6 3/4 pounds. Mallets, nylon plumes, carrying strap, and cover included.

No. M-2040 – Lightweight bell lyra.

DELUXE BELL LYRA

This superb instrument is for use on the march or in the concert hall. Accidentals are finished in a rich gold color, naturals are bright polished aluminum. Tuned to A-440, range of two octaves (A5 to A7). Bars are 1 1/4" wide and 3/8" thick. Weight is 13 pounds. Comes with mallets, plumes, carrying strap, and cover.

No. M-2044 – Deluxe bell lyra.

STANDARD BELL LYRA

Durability and light weight make this bell lyra easy to play. Expertly tuned to A-440, with a range of two octaves (A5 to A7). Bars are 1" wide and 3/8" thick. Weight is 11

pounds. Complete with mallets, plumes, carrying strap, and cover.

No. M-2041 – Standard bell lyra.

CONCERT BELL LYRA STAND

This heavy-duty stand is Ludwig's Hercules model, featuring wide track tubular legs with sure-grip rubber feet for stable support.

No. M-2051 – Concert Bell Lyra Stand.

No. M-2464 – Adapter to attach bell lyra to stand.

No. M-2046 – Music holder, chrome plated.

BELL LYRA CASE

This sturdy, hard-shell case provides added protection and converts marching bell lyra for concert use like orchestra bells. For Deluxe or Standard model.

No. M-8000 – Hard shell bell lyra case.

BELL LYRA COVERS/STRAPS/MALLETS

No. M-2048 – Cover for Deluxe bell lyra.

No. M-2043 – Cover for Standard bell lyra.

- No. M-2042** – Cover for lightweight bell lyra.
- No. M-2055** – Leather carrying strap, white.
- No. M-2047** – Leather carrying strap, tan.
- No. M-2056** – Carrying strap for M-2040, black.
- No. M-640** – Hard nylon bell lyra mallets, pair.
- No. M-639** – Nylon plumes, 16" long, white, pair.



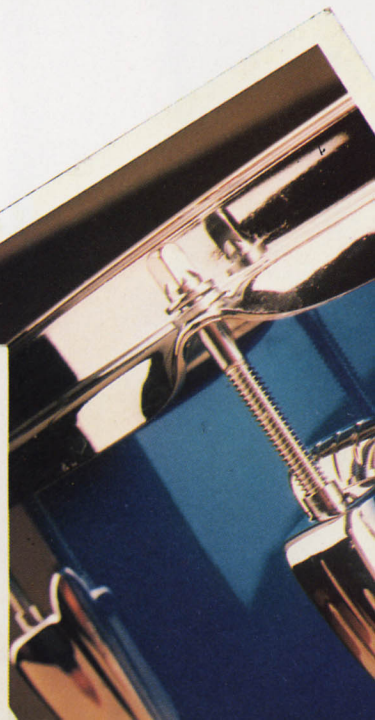


LATIN SERIES

Now you can add a variety of latin sounds to your marching percussion section with Ludwig's Conga/Bongo and Timbale/Bongo Marching Clusters, which are available in a large variety of finishes (pictured here: chrome and blue). These clusters include shoulder carrier and harness, holder, waist sling, and mounting attachments. For cases see pages 102-103. NOTE: For additional sound colors for your marching section, see Ludwig's sound effects instruments on pages 88-91.

No. L-2376 – Conga-Bongo Cluster. Two bongos, sizes 5½" deep x 6" and 5½" deep x 8", choice of finish. Two congas, size 17" deep x 12", choice of pearl and cortex finishes only.

No. L-2360 – Timbale-Bongo Cluster. Two bongos, sizes 5½" deep x 6" and 5½" deep x 8", choice of finish. Two timbales, size 6½" deep x 13" and 6½" deep x 14", in copper or chrome finish only.





POWER LINE DRUM STICKS

Designed for today's marching bands and drum corps. Has the power and durability needed for contemporary percussion.

No. L-19A – (PLS) Power Line drum sticks.



LUDWIG POWER LINE TIMP-TOM MALLETS

Power Line Mallets answer virtually every need of timp-tom performers. In addition to wood, felt, or soft pile beater balls, each of these mallets has a special snare bead at the end. The laminated wood shafts have been tested for strength and durability and will handle any rim shot.

- No. L-4300** – PLM Marching Timp-Tom Mallet, small wood ball, contoured wood shaft with snare bead on butt end, pair, for toms up to 14 inches.
- No. L-4301** – PLM Marching Timp-Tom Mallet, large wood ball, contoured wood shaft with snare bead on butt end, pair, for toms up to 18 inches.
- No. L-4302** – PLM Marching Timp-Tom Mallet, felt ball, contoured wood shaft with snare bead on butt end, pair.
- No. L-4303** – PLM Marching Timp-Tom Mallet, soft pile covered felt ball, contoured wood shaft with snare bead on butt end, pair.

4300

4301

4302

4303



LUDWIG POWER LINE BASS DRUM MALLETS

Power Line Bass Drum Mallets offer eight models with textured vinyl grip on the handle and a choice of four felt ball sizes and four soft pile covered beater balls. The shafts are laminated wood for durability under stress.

No. L-4310 – PLM Marching Bass Drum Mallet, small felt ball, solid wood shaft with textured vinyl grip, pair, for bass drums 22-24 inches.

No. L-4311 – PLM Marching Bass Drum Mallet, medium felt ball, solid wood shaft with textured vinyl grip, pair, for bass drums 24-26 inches.

No. L-4312 – PLM Marching Bass Drum Mallet, large felt ball, solid wood shaft with textured vinyl grip, pair, for bass drums 26-28 inches.

No. L-4313 – PLM Marching Bass Drum Mallet, extra-large felt ball, solid wood shaft with textured vinyl grip, pair, for bass drums 28-32 inches.

No. L-4315 – PLM Marching Bass Drum Mallet, soft pile cover over small felt ball, solid wood shaft with textured vinyl grip, pair.

No. L-4316 – PLM Marching Bass Drum Mallet, soft pile cover over medium felt ball, solid wood shaft with textured vinyl grip, pair.

No. L-4317 – PLM Marching Bass Drum Mallet, soft pile cover over large felt ball, solid wood shaft with textured vinyl grip, pair.

No. L-4318 – PLM Marching Bass Drum Mallet, soft pile cover over extra-large felt ball, solid wood shaft with textured vinyl grip, pair.



MUSSER KEYBOARD MALLET

Recommended for marching keyboard mallet instruments.

- A. No. M-22** – Two-step mallet, 1½" hard gray rubber (X,B).
- B. No. M-219** – Rattan handle mallet, 1" soft red yarn (V,M).
- C. No. M-401** – Birch handle mallet, 1" soft yellow rubber (M).
- D. No. M-402** – Birch handle mallet, 1" medium red rubber (M,X).
- E. No. M-403** – Birch handle mallet, 1" hard blue rubber (X,B).
- F. No. M-404** – Birch handle mallet, 1" hard gray rubber (X,B).
- G. No. M-423** – Birch handle mallet, 1¼" hard clear Lexan (X,B).
- H. No. M-424** – Birch handle mallet, 1¼" hard black Phenolic (X,B).
- I. No. M-428** – Birch handle mallet, 1" hard black Phenolic (X,B).
- J. No. M-1** – Two-step mallet, 1" soft yellow rubber (M).
- K. No. M-2** – Two-step mallet, 1" medium red rubber (M).
- L. No. M-3** – Two-step mallet, 1" hard blue rubber (M,X,B).
- M. No. M-4** – Two-step mallet, 1" hard gray rubber (X,B).
- N. No. M-13** – Two-step mallet, 1¼" medium yellow rubber (M).
- O. No. M-14** – Two-step mallet, ¾" solid brass (B).
- P. No. M-16** – Two-step mallet, 1" hard red cord (V,X).
- Q. No. M-17** – Two-step mallet, 1" medium blue cord (V,X).
- R. No. M-18** – Two-step mallet, 1" soft yellow cord (V,X).
- S. No. M-23** – Two-step mallet, 1½" hard clear Lexan (X,B).
- T. No. M-24** – Two-step mallet, 1½" hard black Phenolic (X,B).
- U. No. M-28** – Two-step mallet, 1" hard black Phenolic (X,B).
- V. No. M-27** – 1¼" medium-hard red cord (V,M).
- W. No. M-29** – Two-step mallet, 1¼" medium yellow cord (V,M).

Usage code: V=vibraphone, M=marimba, X=xylophone, B=bells.

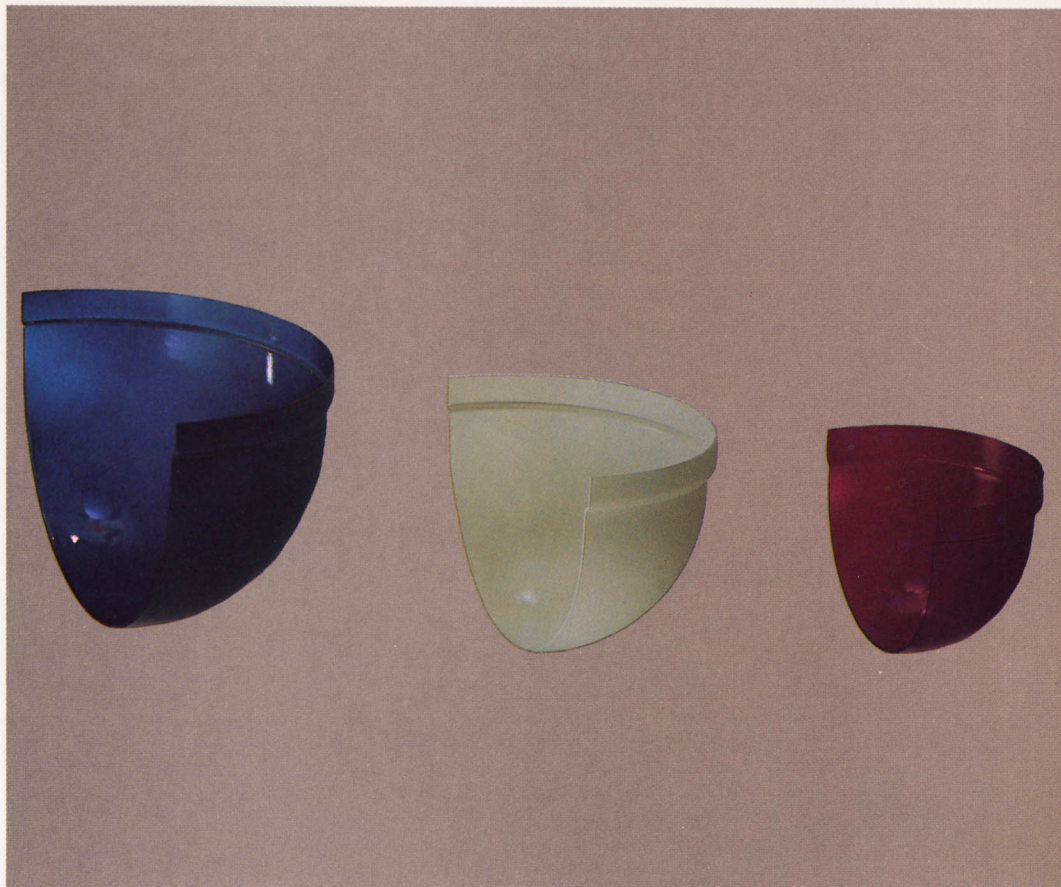
MARCHING MALLETS

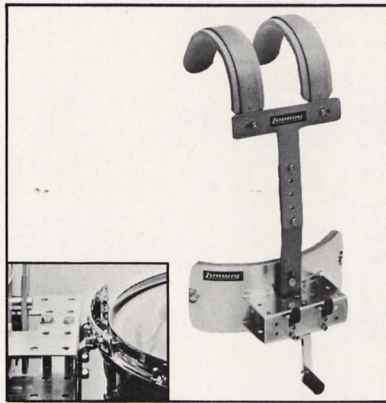
- No. L-2323** – Bass mallet with extra large, solid felt ball, Acrolite shaft with molded grip and strap, one.
- No. L-2331** – Bass mallet with large felt ball, white felt with red felt layer in center, Acrolite shaft with molded grip and thongs, pair.
- No. L-2333** – Tenor medium felt ball mallet, Acrolite molded grip and thongs, pair.
- No. L-2341** – Double ball timp-tom or tenor mallet, hard wood and medium felt balls, Acrolite shaft with molded grip, pair.

**SOUND PROJECTORS**

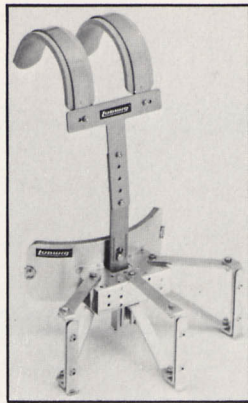
Ludwig developed the "scoop" projector to increase sound projection of snare drums and timp-toms. Molded of lightweight, high-impact A.B.S. material. For best results, use with Ludwig Power Toms. Each sound projector comes complete with easy-to-use hook-up tabs and is available in black, white, clear, red, or blue. Please specify color with order.

- No. L-1310** – Projector for 10" timp-tom.
- No. L-1312** – Projector for 12" timp-tom.
- No. L-1313** – Projector for 13" timp-tom.
- No. L-1314** – Projector for 14" timp-tom.
- No. L-1315** – Projector for 15" timp-tom.
- No. L-1316** – Projector for 16" timp-tom.
- No. L-1318** – Projector for 18" timp-tom.
- No. L-1319** – Special projector for 10-lug 15" parade drum or tenor drum.
- No. L-1320** – Special projector for 12-lug 15" parade drum only.
- No. L-1321** – Special projector for 12-lug 14" parade drum only.
- No. L-1325** – Special projector for 10-lug 14" parade drum or tenor drum.

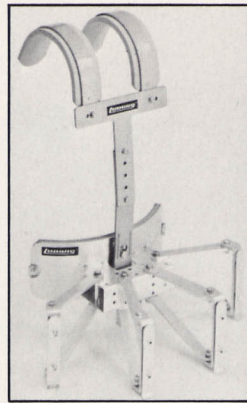




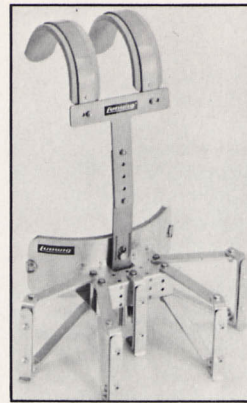
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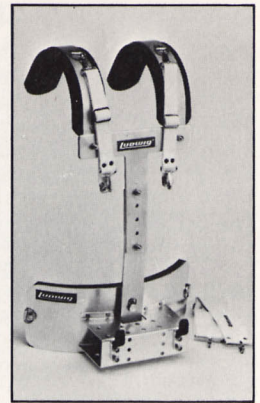
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C.



D.



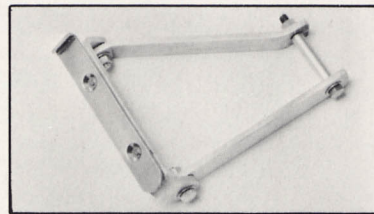
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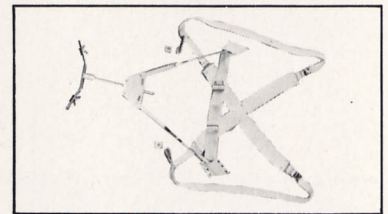
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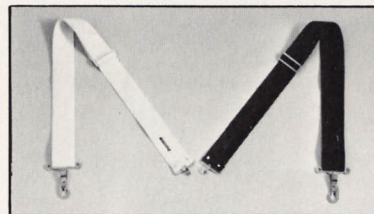
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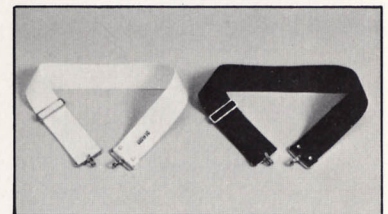
H.



I.



J.



K.

A. SNARE DRUM CARRIER

Accommodates all snares equipped with Multi-Angle Carrying Bar. Includes L-527 shoulder carrier, L-506 carrier, and L-361 waist sling.

No. L-740 – Snare carrier, complete.

B. TIMP-TOM CARRIERS

Provides maximum stability for any trio or duo timp-tom configuration. No. L-743 includes L-527 shoulder carrier, L-503 carrier, and L-361 waist sling. No. L-742 includes the same, except has L-502 carrier.

No. L-743 – Trio carrier, complete.

No. L-742 – Duo carrier, complete.

C. TIMP-TOM QUAD CARRIER

Carrier adjusts to player; individual tom "arms" adjust to different shell diameters. Includes L-527 shoulder carrier, L-504 carrier, and L-361 waist sling.

No. L-744 – Quad carrier, complete.

D. POWER-CUT QUINT CARRIER

Added carrier arm for 6" Power-Cut Tom puts the high-pitch in the middle of the playing area. Includes L-527 shoulder carrier, L-505 carrier, and L-361 waist sling.

No. L-745 – Quint carrier, complete.

E. BASS DRUM CARRIER

Utmost in secure carrying strength. Includes L-527 shoulder carrier, L-501 carrier, L-361 waist sling, L-384 mounting hooks and straps, and P-1719B shell mounting for carrier.

No. L-741 – Bass drum carrier, complete.

F. MALLET KEYBOARD CARRIER

This lightweight carrier offers firm support and unhampered freedom of movement. Each carrier includes L-527 shoulder carrier, L-361 waist sling, M-483 holder, and two mounting brackets.

No. M-480 – Bell carrier, complete. Includes M-484 mounting brackets.

No. M-481 – Xylophone carrier, complete. Includes M-485 mounting brackets.

No. M-478 – Marimba carrier, complete. Includes M-486 mounting brackets.

No. M-479 – Vibe carrier, complete. Includes M-492 mounting brackets.

G. UNIVERSAL MARCHING CARRIER

Lightweight shoulder carrier made of steel. Adjustable in length and shoulder width. For duos, trios, quads, quints, clusters, snare and bass drum, and all marching keyboards. Includes mounting studs.

No. L-527 – Shoulder carrier only.

H. ADD-ON/REPLACEMENT ARMS

Carriers can be added on by using additional carrier arms to make a trio from a duo or a quint from a quad. Supplied with mounting screws, nuts, and spacers.

No. P-4216B – Carrier arm for duo, trio, quads, quints.

No. P-4216A – Carrier arm for center drum in quint configuration (not shown).

I. HI-STEPPER

Holds field snare or tenor drum out and away from body for full freedom of movement. Includes sling assembly.

No. L-473 – Hi-Stepper, complete.

J. PARADE DRUM SLING

Can be used for right or left shoulder.

No. L-382 – Parade drum sling, white web.

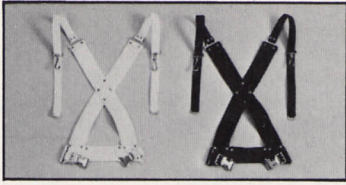
No. L-383 – Parade drum sling, black web.

K. WAIST SLING

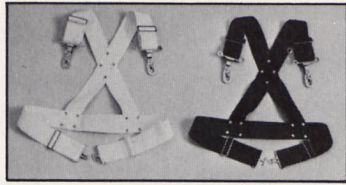
Used with all Ludwig marching carriers and holders.

No. L-361 – Waist sling, white web.

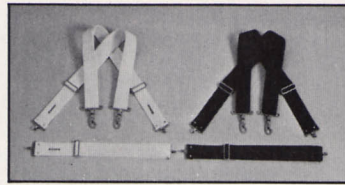
No. L-376 – Waist sling, black web.



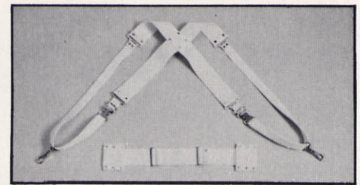
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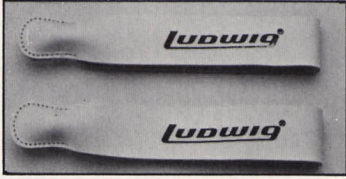
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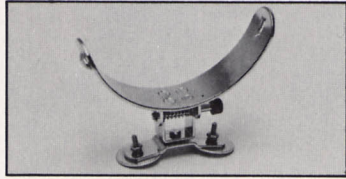
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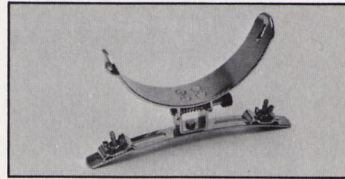
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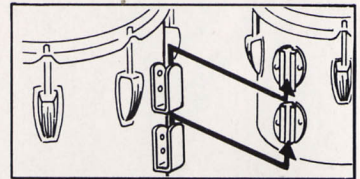
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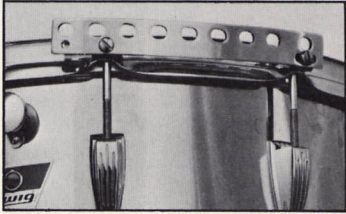
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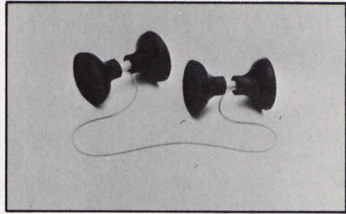
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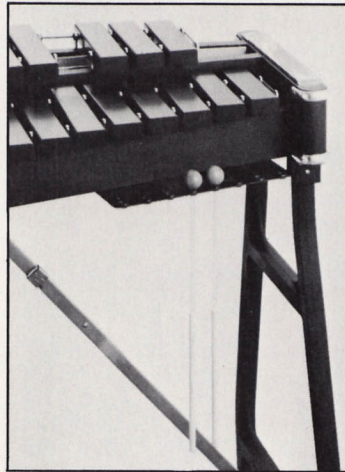
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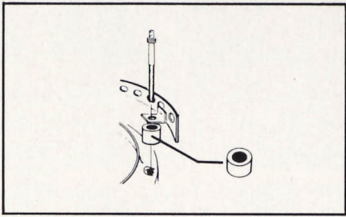
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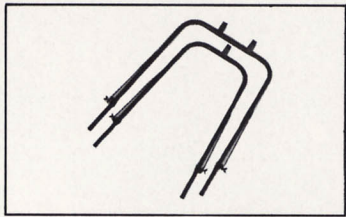
V.



Y.



W.



X.

L. STANDARD BASS DRUM SLING

Ideal for cadet corps and junior high school use.

No. L-350 – Base drum sling, white web.
No. L-373 – Bass drum sling, black web.

M. CADET BASS DRUM SLING

Recommended for high school, college, and drum corps use.

No. L-349 – Base drum sling, white web.
No. L-374 – Bass drum sling, black web.

N. TIMPANI/TRIO/DUO SLING ASSEMBLY

Set of three slings for use with Ludwig L-525 and L-526 holders and marching timpani.

No. L-367 – Sling assembly, white web.
No. L-375 – Sling assembly, black web.

O. HI-STEPPER SLING ASSEMBLY

For use with L-473 Hi-Stepper carrier.

No. L-485 – Sling assembly, white only.

P. SLING SHOT CYMBAL HOLDER

Unique pouch and ball design eliminates bothersome tying. Made of tough leather, permitting both styles of grip.

No. L-1392 – Cymbal holder, pair.

Q. SHELL MOUNT LEG REST

Wide leg band reduces leg fatigue. Can be used with leather thong.

No. L-390 – Shell Mount Leg Rest.

R. ROD MOUNT LEG REST

Easily installed on tension rods of any drum. Recommended for use with lighter weight Classic Series drums.

No. L-479 – Rod Mount Leg Rest.

S. TIMP-TOM ADAPTER BRACKETS

Used to mount 6" or 8" "accent drum" on side of snare or tom shells. Includes pair of "U" brackets, bolts, washers, nuts, and drilling instructions.

No. P-1638AV – Adapter brackets for marching timp-toms, complete.

T. MULTI-ANGLE CARRYING BAR

Attaches to collar screw rods of any marching drum to provide different drum angles. Fits eight, ten, or 12 rod drums.

No. L-475 – Multi-Angle Carrying Bar.

U. TRIO STABILIZERS

These rubber suction-cup spacers between drums make your trio set act like one unit in tight maneuvers.

No. L-1339 – Set of trio stabilizers.

V. MARCHING KEYBOARD MALLET HOLDER

This easily attached holder keeps mallets within easy reach.

No. M-813 – Marching Keyboard Mallet Holder.

W. MULTI-ANGLE DIE-CAST HOOP CONVERSION

Used with L-475 Multi-Angle Carrying Bar, required with batter die-cast hoop.

No. P-3005T – Set of ten Multi-Angle Spacers.

X. LEGS FOR MARCHING KEYBOARDS

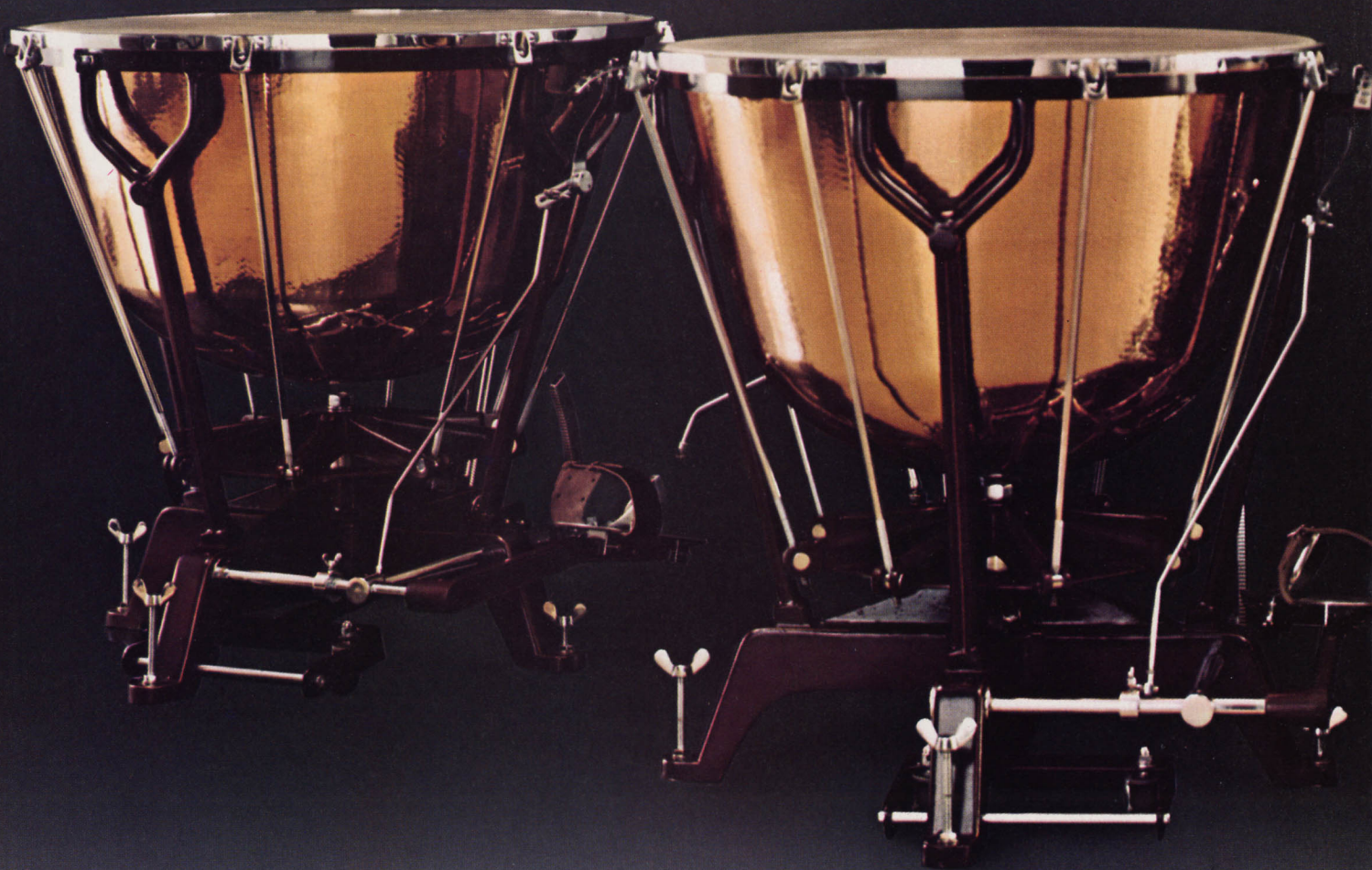
U-frame legs snap on to frame of marching bells, xylophone, or marimba.

No. M-132 – Set of two legs for any marching keyboard.
No. M-134 – Set of two legs for M-64 Marching Vibe only (not shown).
No. M-122 – Set of two legs for M-63 Marching Marimba (not shown).

Y. FIELD STAND FOR CLUSTERS

Trios, duos, or clusters can be placed on this specially designed stand when not in use. Will also accommodate quads and quint.

No. L-1385 – Field/concert stand.



RINGER TIMPANI

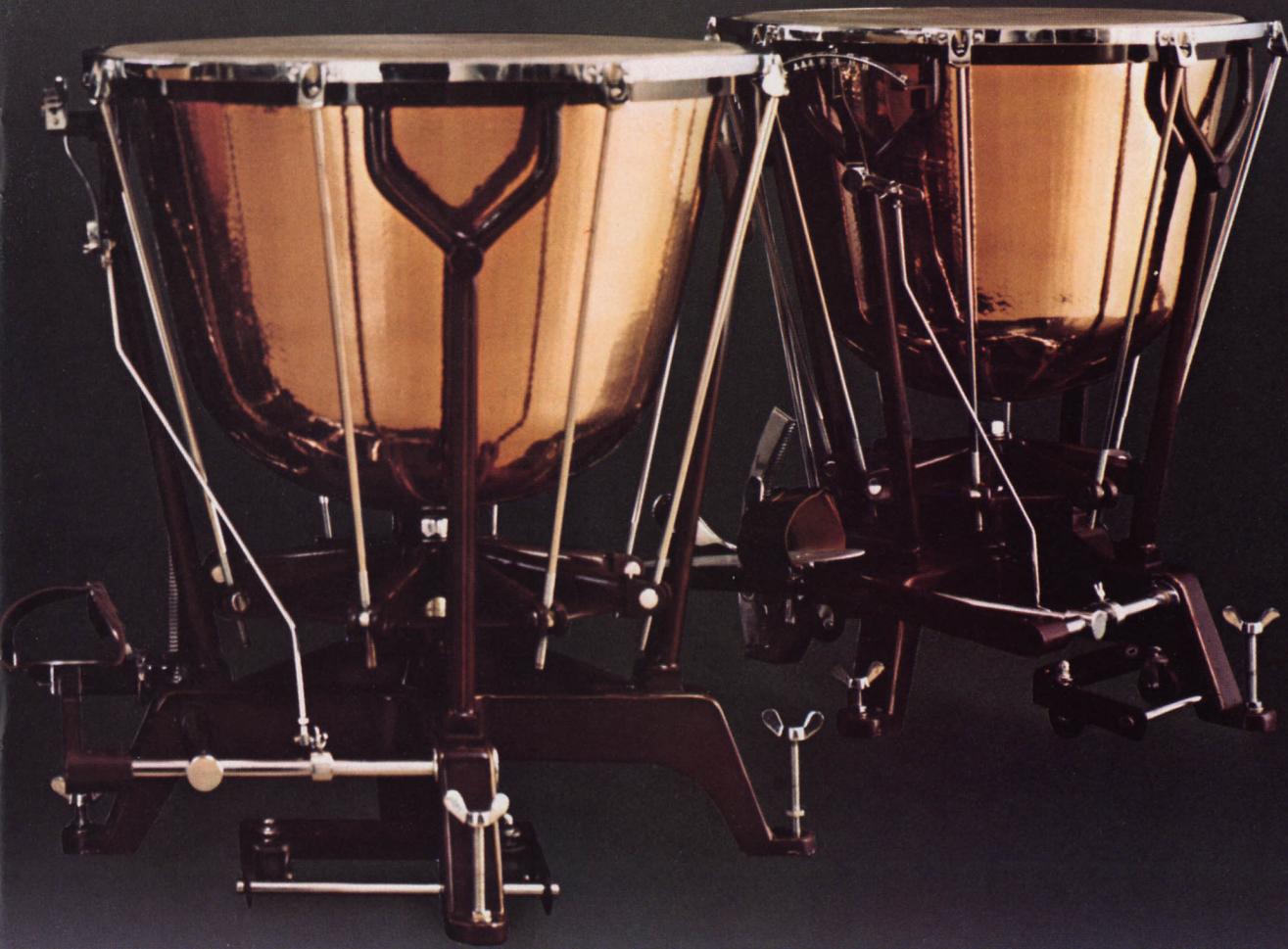
Ringer Model Timpani were designed by one of the foremost timpano designers in the world—Herr Günter Ringer of West Berlin, Germany. This great craftsman has transformed the treasured tuning mechanism of Dresden into a symphony of precision-moving bearings, cams, and deftly designed castings. Today's Ringer models are made by craftsmen who overlook no detail to ensure that each is exactly crafted to the master's designs.

Incomparable craftsmanship and engineering details result in effortless and positive tuning and remarkable projection and resonance. The matchless Ringer sound is heard in performances by the great musical organizations of the world, including:

- Chicago Symphony Orchestra
- Boston Symphony Orchestra
- Philadelphia Symphony Orchestra
- Cincinnati Symphony Orchestra
- San Francisco Symphony Orchestra
- The Minnesota Symphony
- Milwaukee Symphony Orchestra
- Honolulu Symphony Orchestra
- Los Angeles Philharmonic Orchestra
- Berlin Philharmonic Orchestra
- Bayreuth Festspielhaus
- London Symphony Orchestra
- Paris Opera
- Vienna Symphony Orchestra
- La Scala
- Montreal Symphony Orchestra
- Toronto Symphony Orchestra
- Peabody Conservatory of Music
- Eastman School of Music
- Curtis Institute of Music
- University of Texas—Austin

All Ringer Timpani are shipped complete with tuning gauge, stage dolly, stage screws, mallets, calf heads, and plywood head protectors. See pages 102-103 for custom trunks and full drop covers.

- No. L-2500** – 52 cm (20.5 inches).
- No. L-2505** – 58 cm (22.88 inches).
- No. L-2510** – 64 cm (25.19 inches).
- No. L-2515** – 72 cm (28.38 inches).
- No. L-2525** – 78 cm (30.75 inches).
- No. L-2550** – Pair of Ringer Timpani (64 and 72 cm.).
- No. L-2560** – Set of four Ringer Timpani (58, 64, 72, and 78 cm.)
- No. L-2570** – Set of five Ringer Timpani (52, 58, 64, 72, and 78 cm.)



A. The unmistakable "cambered" shape of the hammered copper kettle results in a new dimension of sound.

B. The tuning gauge is directly operated by the movement of the foot pedal. An adjustable linkage enables you to initially set the pointer, giving you an instant reading during playing.

C. With almost unbelievable smoothness, the foot pedal responds to your command. When you set a note with the ratchet lock-in, it stays. And when you're ready to change, the change is immediate.

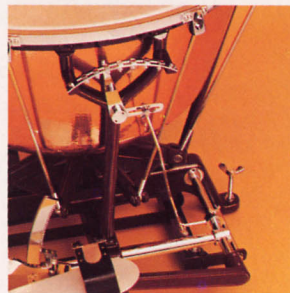
D. The pistol grip tuning handle is concert quiet, the touch is easy. And the result is fingertip control with a detent lock that keeps the master tuning handle exactly where you want it.

E. In the base is a foot-operated lever that engages built-in wheels, giving fingertip movement about the stage.

F. Large wing screws anchor the timpano to the floor or level it on uneven surfaces. On the entire kettle can be angled or canted to suit personal preference.



A.



B.



C.



D.



E.



F.



Illustrated with mar-resistant exterior finish and optional hammered copper kettles and tuning gauges.

PROFESSIONAL MODEL TIMPANI

The Ludwig Professional Model features double ring free floating kettle suspension. The kettle is so completely isolated from the tuning mechanism, it can be easily lifted out of the outer support ring after removal of the head.

The Professional Model offers the greatest resonance, projection, and tone duration of any timpani today. Ludwig's "profile" head design offers greater definition of pitch. The exclusive "balanced action" floor pedal provides the fast and effortless tuning required in today's contemporary music. The entire tuning mechanism is on the outside of the kettle to assure unimpaired sound reflection.

Ludwig's Professional Model Timpani are available with hammered copper, polished copper or lightweight molded fiberglass kettles. Supplied with Ludwig's own timpani heads, sticks, and head protectors. For

trunks and full drop covers see pages 102-103.

Hammered Copper Kettles

- No. L-820** – 20" Professional Timpano
- No. L-821** – 23" Professional Timpano
- No. L-822** – 26" Professional Timpano
- No. L-823** – 29" Professional Timpano
- No. L-824** – 32" Professional Timpano
- No. L-825** – Set of five Professional Model (20", 23", 26", 29", 32").
- No. L-826** – Set of four Professional Model (23", 26", 29", 32").
- No. L-827** – Set of two Professional Model (26", 29").

Polished Copper Kettles

- No. L-835** – 20" Professional Model.
- No. L-879** – 23" Professional Model.
- No. L-814** – 26" Professional Model.
- No. L-815** – 29" Professional Model.
- No. L-878** – 32" Professional Model.
- No. L-816** – Set of five Professional Model (20", 23", 26", 29", 32").
- No. L-817** – Set of four Professional Model (23", 26", 29", 32").
- No. L-880** – Set of two Professional Model (26" and 29").

Fiberglass Kettles

- No. L-1854** – 20" Professional Model (aluminum kettle, satin finish).
- No. L-1879** – 23" Professional Model.
- No. L-1849** – 26" Professional Model.
- No. L-1850** – 29" Professional Model.
- No. L-1878** – 32" Professional Model.
- No. L-1837** – Set of five Professional Model (20", 23", 26", 29", 32").
- No. L-1838** – Set of four Professional Model (23", 26", 29", 32").
- No. L-1880** – Set of two Professional Model (26" and 29").

OPTIONAL TUNING GAUGE

At last, Ludwig offers an accurate reliable tuning gauge that is pedal operated and fully adjustable. A direct linkage to pedal footboard combined with gauge located in front of the player, provides for precise tuning and adjustment of letters and fine tuning swivel linkage. Tuning gauges are available as an add-on feature to existing Professional Model Timpani.

- No. L-1050** – Gauge for 20" kettle.
- No. L-1051** – Gauge for 23" kettle.
- No. L-1052** – Gauge for 26" or 25" kettle.
- No. L-1053** – Gauge for 29" or 28" kettle.
- No. L-1054** – Gauge for 32" or 30" kettle.



A. Ludwig's exclusive floor-mounted "balanced action" tuning pedal moves effortlessly and smoothly through the range. No locks or ratchets required to hold pitch.

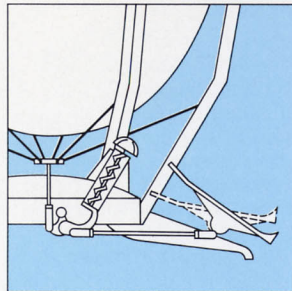
B. A double-ring suspension system allows for greatest resonance free of disturbance.

C. The profile collar extends the head beyond the edge of the kettle for greater resonance and pitch definition.

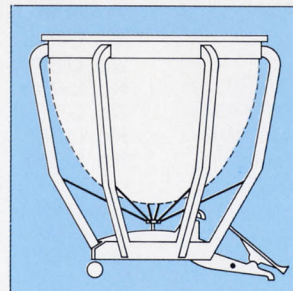
D. Ludwig's extra-large parabolic kettles are made of one-piece seamless copper or precision-molded fiberglass. They are famous for their full-bodied sound and projection.

E. The angle steel counterhoops are rolled with extra-sharp 90° angle edges to improve the strength of the hoop and maintain even and accurate head pressure.

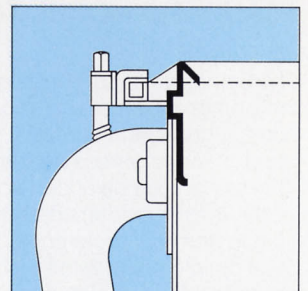
F. Asbestos-lined brass shoes straddle the main horizontal pull rod and increase or decrease pedal pressure according to your liking. Simply insert standard drum key at base to adjust.



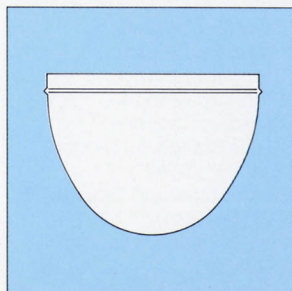
A.



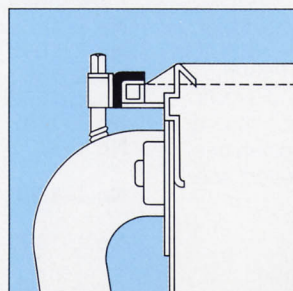
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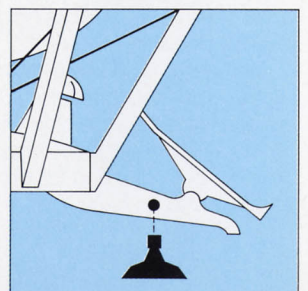
C.



D.



E.



F.



STANDARD MODEL TIMPANI

The Standard Model enjoys great popularity among professional musical organizations, schools, and colleges. The kettles are deep-drawn, seamless copper, or fiberglass. With the famous balanced action floor pedal, the player can adjust the pedal pressure to personal preference. The angle steel counterhoop, with six sturdy support struts and rods, assure accurate tuning and even head pressure. All-directional roller wheels with built-in locks hold timpani in playing position.

Supplied with Ludwig's plastic heads, sticks, and head protectors. T-handle rods are available in place of key tension rods at no extra charge—please specify when ordering. For trunks and full drop covers see pages 102-103.

Polished Copper Kettles

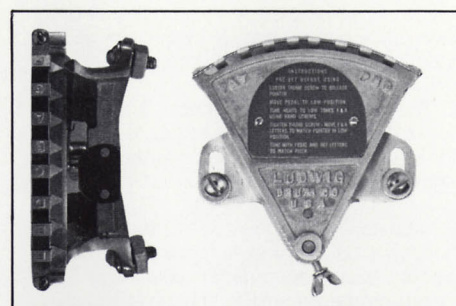
- No. L-836** – 20" Standard Timpano.
- No. L-886** – 23" Standard Timpano.
- No. L-795** – 26" Standard Timpano.
- No. L-797** – 29" Standard Timpano.
- No. L-889** – 32" Standard Timpano.
- No. L-798** – Set of five Standard Timpani (20", 23", 26", 29", 32").
- No. L-799** – Set of four Standard Timpani (23", 26", 29", 32").
- No. L-891** – Set of two Standard Timpani (26" and 29").

Fiberglass Kettles

- No. L-1855** – 20" Standard Timpano.
- No. L-1886** – 23" Standard Timpano.
- No. L-1851** – 26" Standard Timpano.
- No. L-1852** – 29" Standard Timpano.
- No. L-1889** – 32" Standard Timpano.
- No. L-1839** – Set of five Standard Timpani (20", 23", 26", 29", 32").
- No. L-1840** – Set of four Standard Timpani (23", 26", 29", 32").
- No. L-1890** – Set of two Standard Timpani (26" and 29").

OPTIONAL TUNING GAUGE

- No. L-1060** – Gauge for 20" kettle.
- No. L-1061** – Gauge for 23" kettle.
- No. L-1062** – Gauge for 26" or 25" kettle.
- No. L-1063** – Gauge for 29" or 28" kettle.
- No. L-1064** – Gauge for 32" or 30" kettle.





UNIVERSAL MODEL TIMPANI

The Universal Model was developed by William F. Ludwig Sr. for traveling professional musicians. It has remained popular through 60 years of musical changes. Effortless tuning action is assured by Ludwig's floor level pedal with its balanced action mechanism. The angle steel counterhoop assures solid and even head pressure throughout. It is held in place by six key tension rods.

The Universal is completely portable. Its detachable base and folding legs make it easy to carry even through narrow doorways.

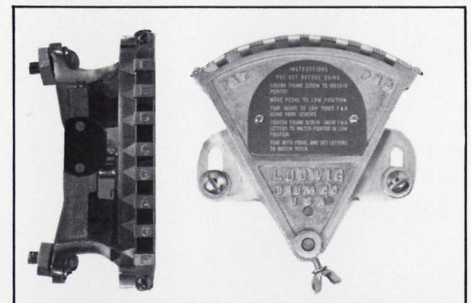
Supplied with Ludwig's own plastic heads, sticks, and head protectors. T-handle rods are available in place of key tension rods at no extra charge—please specify when ordering. For trunks and full drop covers see pages 102-103.

Fiberglass Kettles

- No. L-1856** – 20" Universal Timpano (aluminum kettle, satin finish)
- No. L-1897** – 23" Universal Timpano.
- No. L-1881** – 26" Universal Timpano.
- No. L-1882** – 29" Universal Timpano.
- No. L-1863** – 32" Universal Timpano.
- No. L-1893** – Set of five Universal Timpani (20", 23", 26", 29", 32").
- No. L-1894** – Set of four Universal Timpani (23", 26", 29", 32").
- No. L-1892** – Set of two Universal Timpani (26" and 29").

OPTIONAL TUNING GAUGE

- No. L-1060** – Gauge for 20" kettle.
- No. L-1061** – Gauge for 23" kettle.
- No. L-1062** – Gauge for 26" or 25" kettle.
- No. L-1063** – Gauge for 29" or 28" kettle.
- No. L-1064** – Gauge for 32" or 30" kettle.





MACHINE MODEL TIMPANI

Quality and economy are combined in Machine Model Timpani. A master hand crank adjusts the pitch over a full octave range. The angle steel counterhoop assures even head tension. Legs are removable or telescope into kettle (except 20"). Equipped with heads, pair of mallets, and head protectors. For trunks and drop covers see pages 102-103.

Fiberglass Kettles

- No. L-1857** – 20" Machine Timpano (aluminum kettle, satin finish).
- No. L-1874** – 23" Machine Timpano.
- No. L-1883** – 26" Machine Timpano.
- No. L-1884** – 29" Machine Timpano.
- No. L-1866** – 32" Machine Timpano.
- No. L-1895** – Set of five (20", 23", 26", 29", 32").
- No. L-1896** – Set of four (23", 26", 29", 32").
- No. L-1870** – Set of two (26" and 29").

OPTIONAL TUNING GAUGE

- No. L-1060** – Gauge for 20" kettle.
- No. L-1061** – Gauge for 23" kettle.
- No. L-1062** – Gauge for 26" or 25" kettle.
- No. L-1063** – Gauge for 29" or 28" kettle.
- No. L-1064** – Gauge for 32" or 30" kettle.



MARCHING TIMPANI

Ludwig designed and made the first marching timpani in the world, with kettles of lightweight fiberglass. Range of a full octave or more is obtained by turning fast hand crank. All are supplied with angle steel counterhoop, tuning gauge, tuning handle, retracting legs (except 20"), mounted leg rest, carrying slings, and mallets. Timpani can be ordered in your choice of lacquer color at extra cost. Please submit color sample and design sketch for multi-color stripes. Satin copper finish standard. For trunks and drop covers see pages 102-103.

Marching Timpani

- No. L-1800** – 20", aluminum kettle.
- No. L-1801** – 23", fiberglass kettle.
- No. L-1802** – 26", fiberglass kettle.
- No. L-1803** – 29", fiberglass kettle.



MUSSER TUNED PERCUSSION

Musser's world-renowned vibes, marimbas, xylophones, bells, and chimes fulfill the needs of almost any percussionist with the highest quality of craftsmanship.

Musser keyboard instruments use three types of bars—Kelon, rosewood, and metal. Kelon bars are an exclusive development of Musser. Clear, brilliant tone, durability, stable pitch, and penetrating sound have made Kelon a leader in synthetic bar material.

Musser rosewood bars sound full-bodied, resonant, and rich in all registers. We use only the finest top-grade Honduras rosewood, properly aged, air-dried, and carefully quarter-sawed.

Our shimmering tempered steel and brushed aluminum bars provide clarity and metallic resonance for vibes and orchestra bells. Precision tuned to the most demanding specifications, our metal bars have the musical qualities to please the most discriminating ear.



CENTURY VIBE

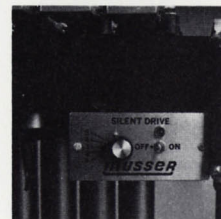
The Century Vibe is an instrument of ultimate beauty in tone and design. Selected by leading vibe artists throughout the world for its superior quality, some of its key features are: thicker, wider, more resonant bars, enclosed motor and belt pulleys, self-aligning pulsator shafts, arch-mitered resonators, and lifetime variable speed motor with control panel.

Both bars and resonators are expertly tuned and finished in matching lustrous yellow gold. End pieces and bar rails are finished in a contrasting gun-metal black. Ends are made of solid wood, covered with durable scuff-resistant material. Supplied with three pairs of mallets and shallow drop cover. For custom cases and covers see pages 102-103.

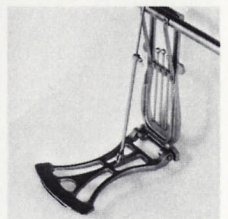
No. M-75 – Century Vibe.

SPECIFICATIONS:

- Range: 37 notes, three octaves (F³ to F⁶)
- Pitch: A-440
- Bars: 2¼" to 1½" wide, ½" thick
- Motor: 115 volts, 60 cycle AC variable speed, ¼₄₀ HP.
- Height: 33½"
- Length: 56½"
- Width: Low end, 30"
High end, 15½"
- Weight: 132 pounds



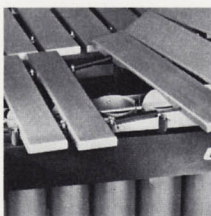
A.



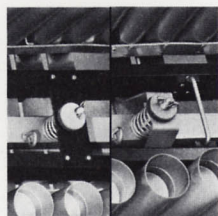
B.

A. Lifetime variable speed motor mounted on rubber insulators offers quiet, trouble-free performance. Transformer for countries with different voltage/cycle available at additional cost.

B. Wide sustain foot pedal offers precise feel to performance regardless of player position or balance.



C.



D.

C. Wide aluminum alloy bars are expertly suspended, resting on multiple strand nylon cord between heavy rubber insulated support posts.

D. A heavy-duty spring with adjustment nut located underneath the instrument allows for tension adjustment of the damper bar. Right side photo for Pro-Vibe. Left side photo for Century Vibe.

PRO-VIBE

The Pro-Vibe is a long time favorite of professionals on the move who appreciate quick setup plus the performance features of the Century model. The Pro-Vibe offers the same wide, resonant bars and arch-mitered resonators, both in silver satin aluminum finish, expertly tuned. A lifetime variable speed enclosed motor, belt pulleys, and self-aligning pulsator shaft are included. Folding legs and removable cross bar are constructed of extremely durable but lightweight material. Supplied with three pairs of mallets and shallow drop cover. For custom covers and cases see pages 102-103.

No. M-55 – Pro-Vibe, complete.

No. M-56 – Pro-Vibe, less motor and pulsator shafts.

No. M-59 – Conversion kit for M-56 vibe, including motor, pulsator shafts, and bearings.

SPECIFICATIONS:

Range: 37 notes, three octaves (F³ to F⁶)

Pitch: A-440

Bars: 2¼" to 1½" wide, ½" thick

Motor: 115 volts, 60 cycle AC variable speed, ¼₁₄₀ HP.

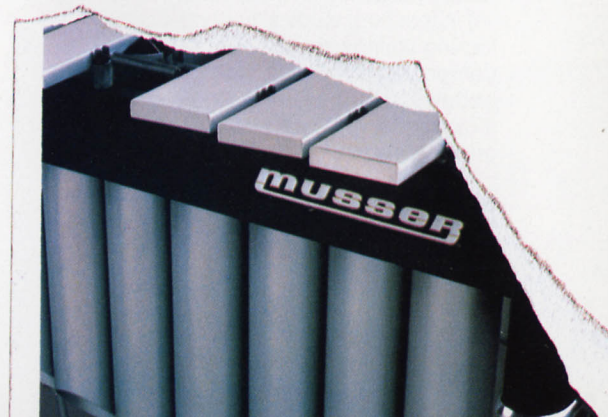
Height: 34⅞"

Length: 55¾"

Width: Low end, 30"

High end, 15"

Weight: 95½ pounds





COMBO™ VIBE

The Combo Vibe's combination of quality features at an economical price makes it a good choice for both professional and student. This instrument offers a full three-octave keyboard of satin finished aluminum bars, matching aluminum resonators, both expertly tuned to A-440. Sturdy yet light-weight frame construction makes this a readily portable instrument, easy to maneuver in teaching studios. Folding legs with locking springs and adjustable tension damper bar are all features of this quality instrument. Supplied with single-speed motor and one pair of mallets. For covers and cases see pages 102-103.

No. M-44 – Combo Vibe.

No. M-47 – Combo Vibe, complete with mounted Ampli-Pickup.

SPECIFICATIONS:

Range: 37 notes, three octaves (F³ to F⁶)

Pitch: A-440

Bars: All 1 1/4" wide, 3/8" thick

Motor: 115 volts, AC single speed

Height: 33 7/8"

Length: 41 5/8"

Width: Low end, 27 1/4"

High end, 15 3/8"

Weight: 70 pounds

AMPLI-VIBE PICK-UP

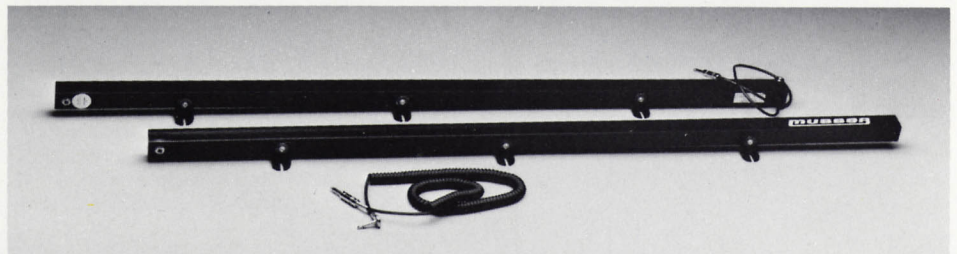
An ideal accessory for all vibists who perform with groups playing today's amplified instru-

ments. The Ampli-Vibe Pick-Up connects conventional acoustic vibes directly to input of any good flat-response amplifier. Two pick-up housings easily mount on Musser model vibes beneath the keyboard. Comes with volume control located near instrument's motor control panel.

No. M-9200 – Ampli-Vibe Pick-Up for models M-75 and M-55 vibes.

No. M-9205 – Ampli-Vibe Pick-Up for model M-45 (M-48) vibe.

No. M-9204 – Ampli-Vibe Pick-Up for model M-44 vibe.





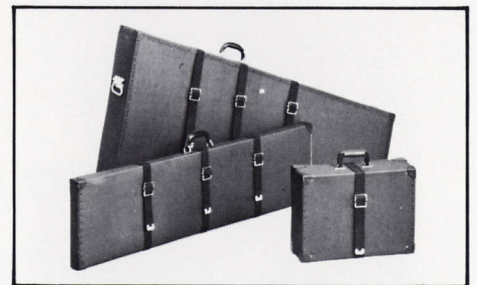
PORTABLE KELON XYLOPHONE

The Portable Kelon Xylophone meets the highest standards of tonal quality, resonance, and tuning. The Kelon bar keyboard is a full $3\frac{1}{2}$ octaves. Resonators detach from bottom and legs fold (and lock) for easy carrying. The sturdy, modern frame is built for many years of use and lasting beauty. This instrument is designed to meet the needs of the professional percussionist. Supplied with three pairs of mallets and shallow drop cover. For custom cases and covers see pages 102-103.

No. M-51 – Portable Kelon Xylophone.
No. M-146 – Set of three fiber cases for M-51.

SPECIFICATIONS:

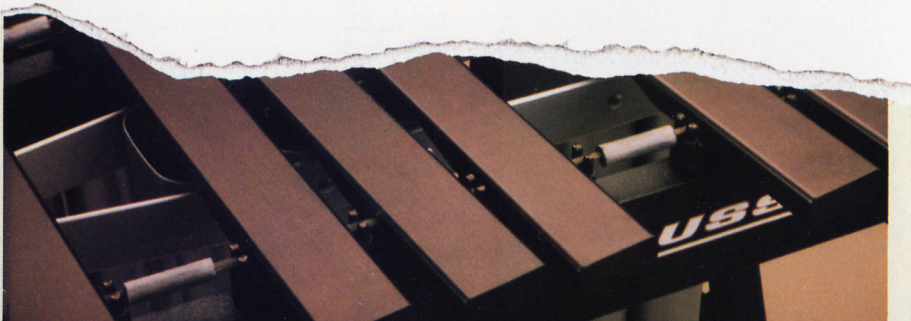
Range: 44 notes, $3\frac{1}{2}$ " octaves (F⁴ to C⁸)
Pitch: A-442
Bars: $1\frac{1}{2}$ " wide, $\frac{7}{8}$ " thick, Kelon
Height: $34\frac{5}{8}$ "
Length: $53\frac{5}{8}$ "
Width: Low end, $30\frac{3}{4}$ "
 High end, $11\frac{1}{8}$ "
Weight: $75\frac{3}{4}$ pounds



KELON XYLOPHONE CASES

These durable fiber cases will protect your Portable Kelon Xylophone. Easy to carry and transport.

No. M-146 – Set of three cases for M-51.





ELITE KELON XYLOPHONE

The Elite Kelon Xylophone offers many of the quality features of its larger companion, the M-51 model. A three-octave keyboard with the same Kelon bars assures the same tone quality as the more expensive model. Aluminum resonators are finished in silver satin and are removable. Legs fold for easy transport. A professional instrument in musical quality, designed with the school budget in mind. Supplied with two pairs of mallets and shallow drop cover. For custom cases and covers see pages 102-103.

No. M-42 – Elite Kelon Xylophone.

SPECIFICATIONS:

Range: 37 notes, three octaves (C⁵ to C⁸)

Pitch: A-442

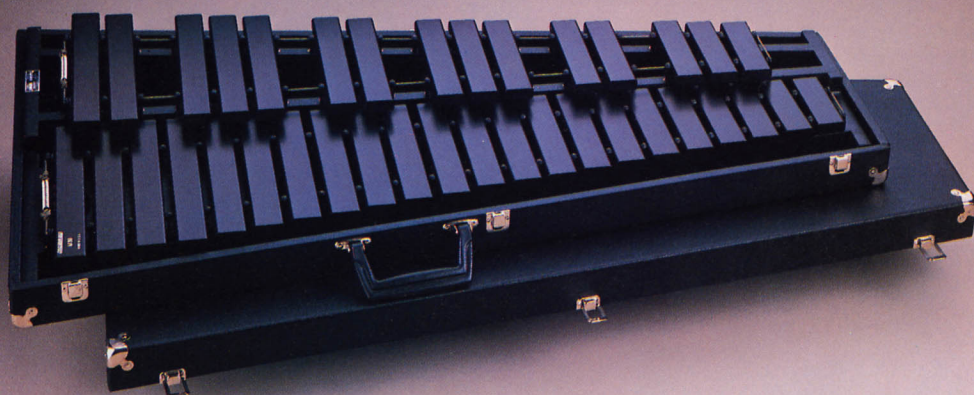
Bars: 1½" wide, 7/8" thick, Kelon

Height: 34"

Length: 44¾"

Width: Low end, 28½"
High end, 12¼"

Weight: 65 pounds



PICCOLO KELON XYLOPHONE

The Piccolo Kelon Xylophone offers a full three-octave keyboard in a lightweight, portable instrument ideally suited for the professional show drummer or for use in school music departments. Precisely tuned Kelon bars are mounted on a sturdy frame built into the carrying case. The case top is removable. Supplied with two pairs of mallets.

No. M-39 – Piccolo Kelon Xylophone.

SPECIFICATIONS:

Range: 37 notes, three octaves (C⁵ to C⁸)

Pitch: A-442

Bars: 1½" wide, 5/8" thick, Kelon

Length: 45"

Width: Low end, 24"
High end, 12"

Weight: 43 pounds including case



SYMPHONIC GRAND MARIMBA

The Symphonic Grand Marimba gives the discriminating artist a full 4½-octave keyboard of incomparably rich, mellow sound. The Kelon bars increase to a width of 2½" in the low register, making this extended range exceptionally warm. Both the oblong resonators, specifically designed for greater resonance, and the Kelon bars are expertly tuned. The Symphonic Grand offers dual resonator track positioning and Musser's exclusive distortion-free bar suspension. Supplied with five pairs of mallets and shallow drop cover. For custom cases and covers see pages 102-103.

No. M-350 – Symphonic Grand Marimba.

SPECIFICATIONS:

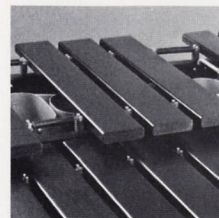
Range: 56 notes, 4½ octaves (F² to C⁷)
Pitch: A-440
Bars: Graduating from 1½" to 2½" wide, ⅝" thick, Kelon
Height: 36½"
Length: 86¼"
Width: Low end, 33¾"
 High end, 15¼"
Weight: 162 pounds

A. Extra-wide 2½" Kelon bars allow full-bodied resonance for extended range to low "F"

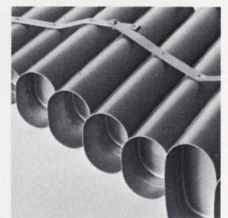
B. Wide-body, oblong-shaped resonators provide exceptional resonance. Expertly tuned, in mar-resistant silver satin finish.

C. The Symphonic Grand offers an exclusive dual resonator track positioning for optional tonal nuances.

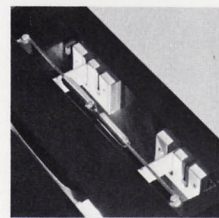
D. Each bar rests on a multiple strand nylon cord, suspended between heavy rubber insulated posts for distortion-free performance.



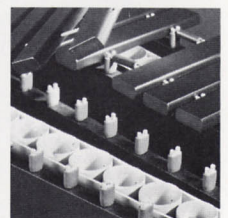
A.



B.



C.



D.



CONCERT GRAND MARIMBA

The Concert Grand Marimba has a classical $4\frac{1}{3}$ octave keyboard of genuine Honduras rosewood bars, expertly tuned to A-440. Solid wood end panels and rails are lacquered and hand-rubbed to a dark, lustrous finish. End pieces are covered with scuff-resistant Naugahyde.

Resonators are arch-mitered and individually tuned. Dual resonator track placement and graduated bar width up to $2\frac{1}{2}$ " enrich the low register sound. Supplied with four pairs of mallets and shallow drop cover. For custom cases and covers see pages 102-103.

No. M-250 – Concert Grand Marimba.

SPECIFICATIONS:

Range: 52 notes, $4\frac{1}{3}$ octaves (A² to C7)

Pitch: A-440

Bars: Graduating from $1\frac{5}{8}$ " to $2\frac{1}{2}$ " wide and $\frac{3}{4}$ " to $1\frac{5}{16}$ " thick, rosewood

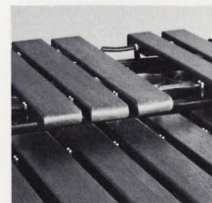
Height: $33\frac{5}{8}$ "
 Length: $81\frac{5}{8}$ "
 Width: Low end, $31\frac{3}{4}$ "
 High end, 15"
 Weight: 150 pounds

A. Extra-wide $2\frac{1}{2}$ " rosewood bars permit full-bodied resonance for extended range to low "A."

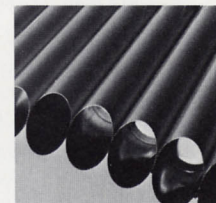
B. Arch-mitered resonators are high-grade aluminum alloy, precision tuned, in a rich gold finish.

C. The Concert Grand offers an exclusive dual resonator track positioning for optional tonal nuances.

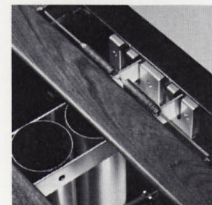
D. Each Rosewood bar rests on a multiple strand nylon cord, suspended between heavy rubber-insulated posts for distortion-free performance.



A.



B.



C.



D.



CLASSIC GRAND MARIMBA

Musser's Classic Grand Marimba features a full $4\frac{1}{3}$ octaves of Kelon bars. From articulate high register solos to mellow low register passages, Kelon has no equal in dynamic response! Royal gold finished resonators and trim give the instrument a truly classic look for your orchestra, and it is built with the quality you expect from the leader in keyboard percussion. Dual track resonator positioning, exclusive distortion-free bar suspension, arch mitered and individually tuned resonators are standard with the Classic Grand Marimba. Supplied with four pairs of mallets and shallow drop cover. For custom cases and covers see pages 102-103.

No. M-300 – Classic Grand Marimba

SPECIFICATIONS:

Range: 52 notes, $4\frac{1}{3}$ octaves (A^2 to C^7)
 Pitch: A-440
 Bars: Graduating from $1\frac{1}{2}$ " to $2\frac{1}{2}$ " wide by $\frac{5}{8}$ " thick, black Kelon.
 Height: $36\frac{5}{8}$ "
 Length: $81\frac{1}{4}$ "
 Width: Low end, $31\frac{1}{4}$ "
 High end, $15\frac{3}{8}$ "
 Weight: 151 pounds





WINDSOR II MARIMBAS

The Windsor II Marimba combines top quality features of a four-octave Kelon keyboard with great portability and economy. A sound choice for the professional or educator on the move. Kelon bars and oblong resonators assure great tone quality and carrying power. Sturdy frame has folding legs with locking braces. Keyboard and resonators are removable for quick pack-up. Comes with four pairs of mallets and shallow drop cover. For custom cases and covers see pages 102-103.

No. M-31 – Windsor II Marimba.

SPECIFICATIONS:

Range: 49 notes, four octaves (C³ to C⁷)
 Pitch: A-440
 Bars: 1½" wide, ⅝" thick, Kelon
 Height: 33¼"
 Length: 61¼"
 Width: Low end, 30¾"
 High end, 12¼"
 Weight: 76 pounds



TRIETTE KELON MARIMBA

The Triette Marimba is an especially practical teaching or studio instrument. It features three octaves of expertly tuned Kelon bars and individually tuned resonators. Legs are easily folded for transport. Supplied with two pairs of mallets. For cases and covers see pages 102-103.

No. M-61 – Triette Kelon Marimba.

SPECIFICATIONS:

Range: 37 notes, three octaves (F³ to F⁶)
 Pitch: A-440
 Bars: 1½" wide, ⅝" thick, Kelon
 Height: 34"
 Length: 45"
 Width: Low end, 28"
 High end, 13"
 Weight: 57 pounds

AMPLIBASS MARIMBA

Musser's Amplibass Marimba is a keyboard mallet instrument that sounds like an acoustic or electric string bass! The Kelon bars have a standard bass range of $1\frac{3}{4}$ octaves with consistent tonal quality. The removable keys attach to the portable frame with durable magnetic pick-ups. Gives percussion ensembles, jazz groups, and recording studios an array of new bass sounds with a variety of mallet types and hardness. Further sound possibilities are available with the use of tone modification devices. Supplied with specially designed M-335 mallets and amplifier connection cords (amplifier not included). For custom cases and covers see pages 102-103.

No. M-400 – Amplibass Marimba.

SPECIFICATIONS:

Range: $1\frac{3}{4}$ octaves (E¹ to C³)
Bars: $16\frac{3}{8}$ " to $21\frac{1}{8}$ " long, $2\frac{1}{2}$ " wide,
Kelon
Height: 34"
Length: 38"
Width: Low end, $42\frac{1}{2}$ "
High end, 34"
Weight: 65 pounds





ORCHESTRA BELLS

Musser Steel Orchestra Bells are made of the finest high-carbon tempered steel available, mounted to provide resonance and clarity surpassing any other orchestra bell set. Bars are satin-finished chrome-plated, expertly tuned to A-442. Mounted in an all-wood, vinyl-covered case with three locks. Case top is detachable for instrument placement on bell stand. The optional specially designed hand damper mechanism instantly reduces resonance for soft or intricate solos. Supplied with two pairs of mallets.

No. M-646 – Orchestra Bells with hand damper.

No. M-645 – Orchestra Bells without hand damper.

SPECIFICATIONS:

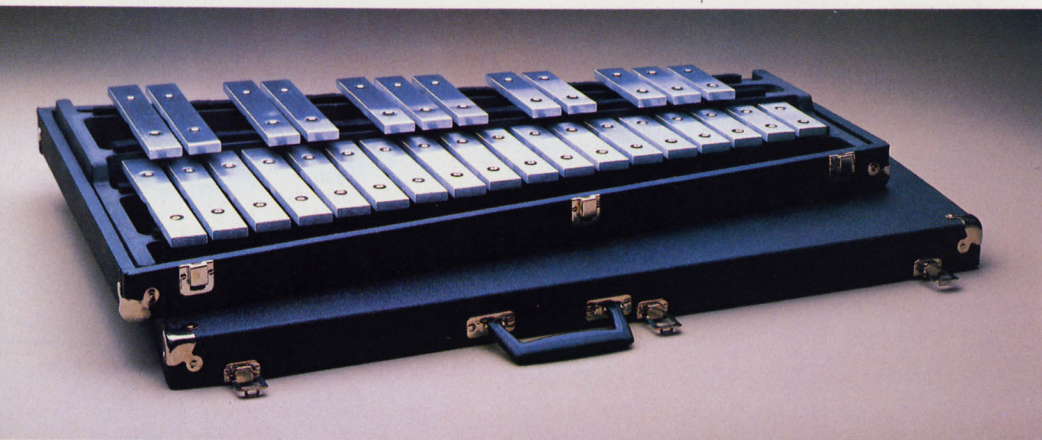
Range: 30 notes, 2½ octaves (G⁵ to C⁸)

Pitch: A-442

Bars: 1¼" wide, to ⅜" thick

Case Size: Length 31", low end width 20¾", high end width 10½"

Weight: 37½ pounds including case



CONCERT BAND BELLS

Designed for use by junior high school concert bands and percussion ensembles. Satin finish aluminum bars tuned to A-440 and mounted with recessed screws in a durable carrying case with detachable lid. Range is 2½ octaves (G⁵ to C⁸). Bars are 1" wide and ⅜" thick. Includes two pairs of mallets.

No. M-656 – Concert Aluminum Bells.

CONCERT STEEL BELLS

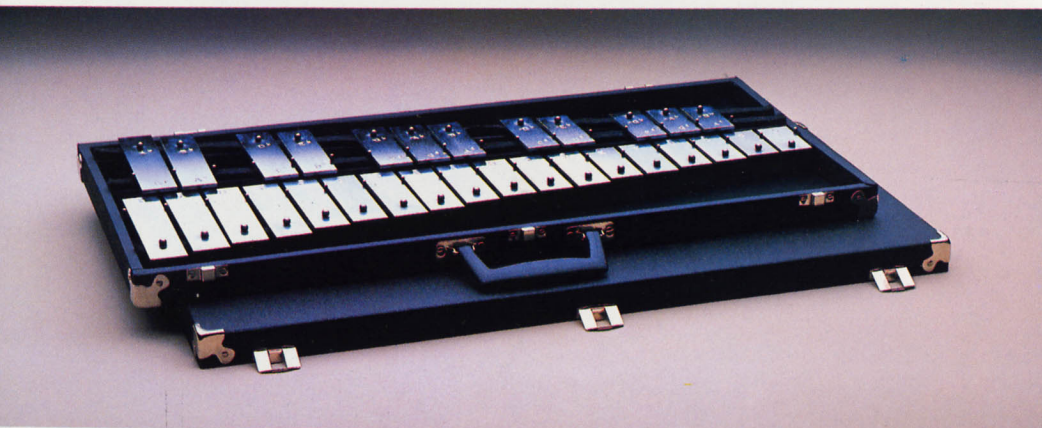
Ideal for elementary band and general music classes. Full 2½-octave keyboard of tempered steel bars tuned to A-440. Range is G⁵ to C⁸. Bars are 1¼" wide and ⅜" thick. Steel bells are mounted in sturdy carrying case with detachable lid for use on bell stand. Includes one pair of mallets.

No. M-655 – Concert Steel Bells.

CONCERT BELL STAND

Keep concert bells and piccolo xylophone in ready position on this heavy-duty, tubular leg stand. Fully adjustable.

No. M-1368 – Concert Bell Stand.





CLASSIC CHIMES

Classic Chimes are traditional in design, with a 1½-octave range of 20 notes, precision tuned to A-440. Each tube is made of seamless brass alloy with a special tube cap for greater resonance and carrying power. Each tube is suspended with a stainless steel cable.

A trouble-free damper mechanism using 100% wool felt assures instant control. The frame is finished in hard-baked gold metallic lacquer; tubes are polished and lacquered to a satin gold finish. Large, heavy-duty casters with built-in brakes prevent instrument from creeping during performance. Supplied with rawhide chime mallet and detachable mallet holder. For cover see pages 102-103.

No. M-635 – Classic Chimes, 1¼" outside diameter tubes, gold finish.

SPECIFICATIONS:

Range: 20 notes, 1½ octaves (C⁵ to G⁶)
Pitch: A-440
Tubes: 1¼" outside diameter, seamless brass alloy.
Height: 66¾"
Width: 32½"
Weight: 130 pounds

SYMPHONIC CHIMES

Contemporary design, superb tone quality, and advanced construction features make Symphonic Chimes outstanding in performance and craftsmanship. A full 1½-octave range, composed of 20 seamless brass alloy chime tubes, provides maximum resonance and carrying power. All tubes have 1½" outside diameter, extra wall thickness, and special hardened tube caps.

Solid frame construction and additional support braces eliminate sway during performance. Musser's exclusive self-equalizing pressure damper with sustain lock

control gives the performer maximum control of tone. Tubes are individually suspended by stainless steel cables. Available in satin gold or bright chrome finish. Supplied with rawhide chime mallet and detachable mallet holder. For cover see pages 102-103.

No. M-661 – Symphonic Chimes, 1½" tubes, chrome finish.

No. M-665 – Symphonic Chimes, 1½" tubes, satin gold finish.

SPECIFICATIONS:

Range: 20 notes, 1½ octaves (C⁵ to G⁶)
Pitch: A-440
Tubes: 1½" outside diameter, seamless special brass alloy.
Height: 70"
Width: 33½"
Weight: 171 pounds

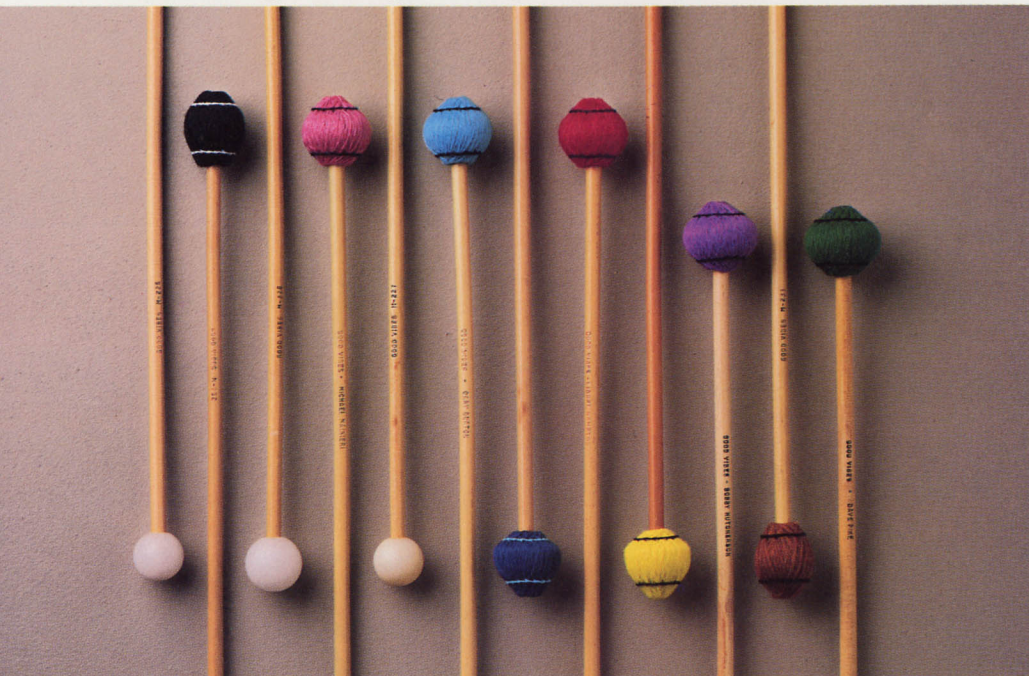
No. M-1385 – Portable chime stand. See page 55.

Usage code: V=vibraphone, M=marimba, X=xylophone, B=bells.

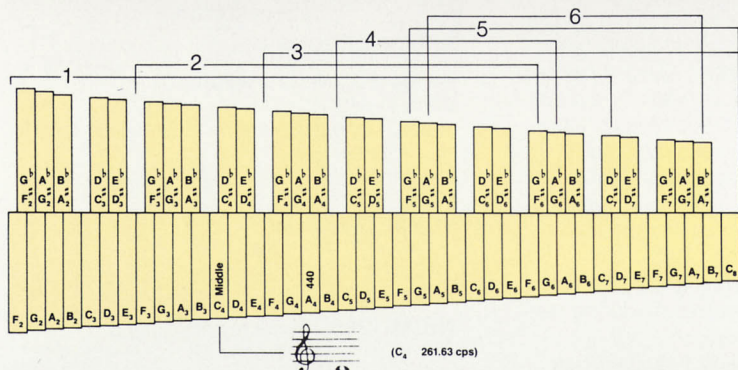


L. M. N. O. P. Q. R. S. T. U. V.

A. B. C. D. E. F.



SOUNDED SCALE RANGES OF MALLET PERCUSSION INSTRUMENTS.



1. Marimbas
2. Vibes
3. Xylophones
4. Chimes
5. Orchestra Bells
6. Bell Lyras

RATTAN HANDLE MALLET

A line of high quality mallets featuring genuine rattan handles. Each mallet is carefully tested for flex and handle diameter. Heads are rubber, in graduated hardness, for a wide selection of tonal response. Finest grade cord or yarn is used on covered mallets. Packed in pairs in reusable, clear-view vinyl pouch. The Gary Burton Signature Mallets (M-220, M-221 – sets of 4) are carefully balanced for flex, weight, and size.

Rattan Handle Mallets

- A. No. M-203** – 1½" hard clear Lexan (X,B).
- B. No. M-215** – Hard, 1" white phenolic (X,B).
- C. No. M-224** – Medium soft, 1" black rubber (M).
- D. No. M-214** – Hard, 1" gray rubber (X,B).
- E. No. M-213** – Hard, 1" blue rubber (V,M,X,B).
- F. No. M-212** – Medium, 1" red rubber (V,M,X).
- G. No. M-211** – Soft, 1" yellow rubber (V,M).
- H. No. M-205** – Medium, 1¼" yellow rubber (M).
- I. No. M-216** – Hard, 1" red cord (V,X).
- J. No. M-217** – Medium, 1" blue cord (V,X).
- K. No. M-218** – Soft, 1" yellow cord (V,X).
- L. No. M-206** – Hard, 1" red yarn (M,X).
- M. No. M-207** – Semi-hard, 1" blue yarn (V,M,X).
- N. No. M-208** – Medium-soft, 1" yellow yarn (M).
- O. No. M-222** – Soft, 1" green yarn (M).
- P. No. M-219** – Soft, red yarn (V,M).
- Q. No. M-209** – Soft, 1½" gray yarn (M).
- R. No. M-210** – Soft, 1¼" gray yarn (M).
- S. No. M-233** – Very soft, 1¾" gray yarn, low register (M).
- T. No. M-204** – Soft, 1½" natural yarn, cone shape (V,M).
- U. No. M-220** – Soft 1½" black yarn, Burton Model (set of 4 – V,M)
- V. No. M-221** – Medium hard 1½" gold yarn, Burton Model (set of 4 – V,M)

GOOD VIBES® MALLET

Good Vibes, the world's finest professional mallets. Handles are light, genuine rattan, carefully selected and matched for size, weight, and flex. Select premium yarn is wound around a solid, specially formulated and shaped rubber core, then carefully hand-stitched. Packaged in reusable, clear-view vinyl pouch in sets of four.

Good Vibes Mallets

- A. No. M-225** – Medium hard, 1" poly ball (X,B).
- B. No. M-226** – Medium hard, 1½" poly ball (X,B).
- C. No. M-227** – Hard, 1" nylon ball (X,B).
- D. No. M-228** – Medium soft, navy blue yarn (V,M).
- E. No. M-229** – Medium hard, yellow yarn (V,M).
- F. No. M-231** – Medium hard, brown yarn (X).
- G. No. M-232** – Hard, black yarn (X).
- H. No. M-233** – Medium soft, pink yarn, Michael Mainieri Model (V).
- I. No. M-235** – Medium hard, royal blue yarn, Gary Burton Model (V).
- J. No. M-236** – Hard, red yarn (V).
- K. No. M-237** – Medium hard, violet yarn, B. Hutcherson Model (V).
- L. No. M-239** – Medium hard, green yarn, Dave Pike Model (V).

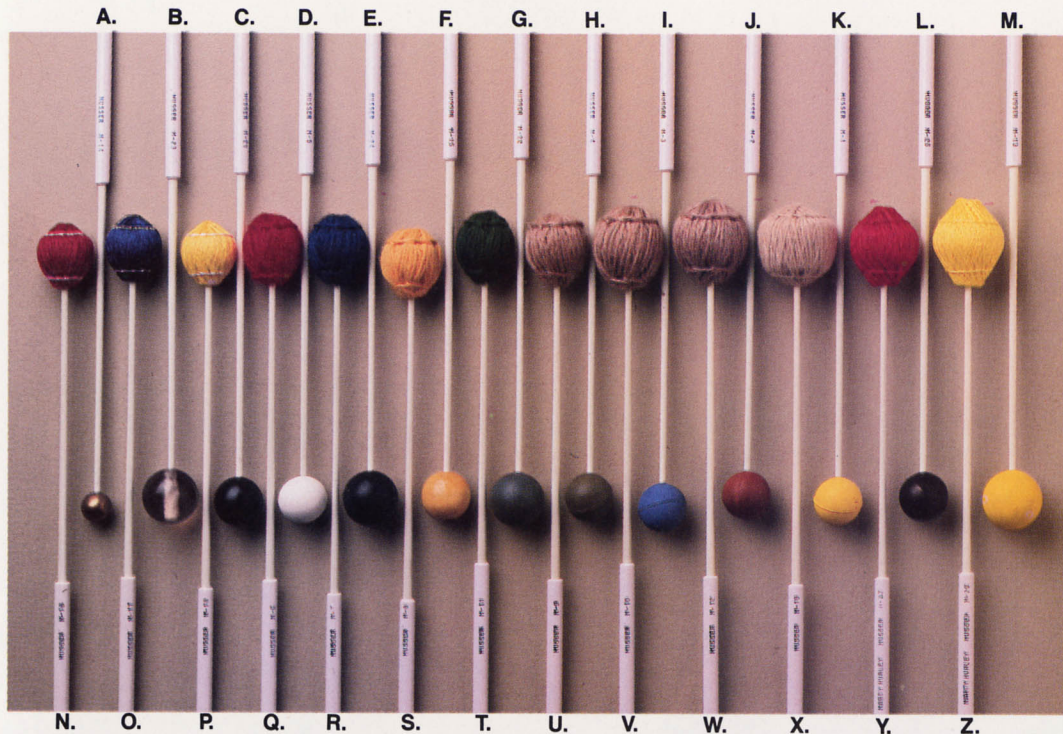
Usage code: V=vibraphone, M=marimba, X=xylophone, B=bells.

TWO-STEP HANDLE MALLETS

Musser's exclusive two-step handles are thick near the end for well-balanced handling and thin near the head for strong striking force. Excellent flexibility, yet highly warp resistant. All mallets precision matched for balance. Available in a wide variety of graduated rubber, plastic, metal, and wood balls as well as cord or yarn-covered balls. Packaged in pairs in reusable, clear-vinyl pouch.

Two-Step handle Mallets

- A. No. M-14 – Solid brass, 5/8" (B).
- B. No. M-23 – 1 1/8" hard clear Lexan (X,B).
- C. No. M-28 – Hard, 1" black phenolic (X,B).
- D. No. M-5 – Hard, 1" white phenolic (X,B).
- E. No. M-24 – Hard, 1 1/8" black phenolic (X,B).
- F. No. M-15 – Hard, 1" maple wood (X,B).
- G. No. M-22 – 1 1/8" hard gray rubber (X,B).
- H. No. M-4 – Hard, 1" gray rubber (X,B).
- I. No. M-3 – Hard, 1" blue rubber (M,X,B).
- J. No. M-2 – Medium, 1" red rubber (M).
- K. No. M-1 – Soft, 1" yellow rubber (M).
- L. No. M-25 – Medium soft, 1" black rubber (M).
- M. No. M-13 – Medium, 1 1/4" yellow rubber (M).
- N. No. M-16 – Hard, 1" red cord (V,X).
- O. No. M-17 – Medium, 1" blue cord (V,X).
- P. No. M-18 – Soft, 1" yellow cord (V,X).
- Q. No. M-6 – Hard, 1" red yarn (M).
- R. No. M-7 – Semi-hard, 1" blue yarn (V,M).
- S. No. M-8 – Medium soft, 1" yellow yarn (M).
- T. No. M-11 – Soft, 1" green yarn (M).
- U. No. M-9 – Soft, 1 1/8" gray yarn (M).
- V. No. M-10 – Soft, 1 1/4" gray yarn (M).
- W. No. M-12 – Very soft, 1 3/8" gray yarn, low register (M).
- X. No. M-19 – Soft, 1 1/8" natural yarn, cone shape (M).
- Y. No. M-27 – 1 1/4" Medium-hard, red cord (V,M).
- Z. No. M-29 – 1 1/4" Medium, yellow cord (V,M).

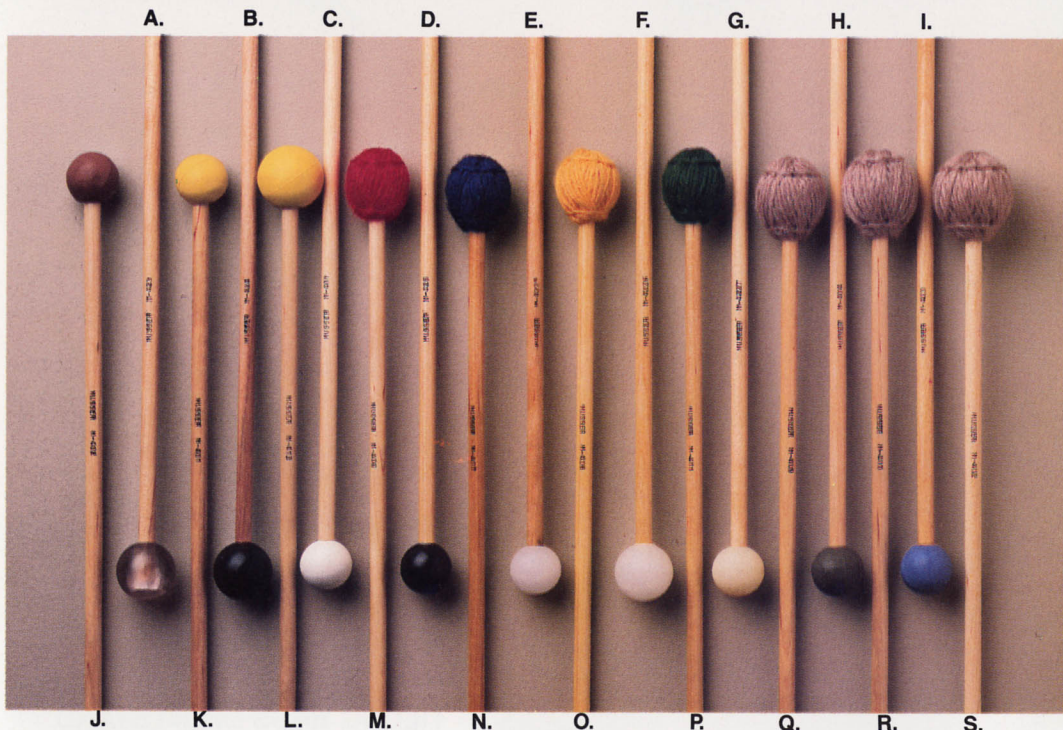


BIRCH HANDLE MALLETS

For the mallet player who wants a straight, but firmer, wood handle mallet, Musser presents the Birch Handle Mallet. Precision matched for balance, these mallets come with rubber, plastic, or yarn heads. Packaged in pairs in reusable vinyl pouch.

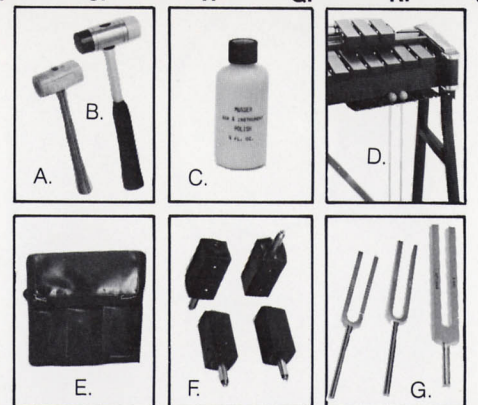
Birch Handle Mallets

- A. No. M-423 – 1 1/8" hard clear Lexan (X,B).
- B. No. M-424 – 1 1/8" hard black Phenolic (X,B).
- C. No. M-405 – 1" hard white Phenolic (X,B).
- D. No. M-428 – 1" hard black Phenolic (X,B).
- E. No. M-4225 – 1" medium hard poly ball (set of 4 – X,B).
- F. No. M-4226 – 1 1/8" medium hard poly ball (set of 4 – X,B).
- G. No. M-4227 – 1" nylon hard (set of 4 – X,B).
- H. No. M-404 – 1" hard gray rubber (X,B).
- I. No. M-403 – 1" hard blue rubber (X,B).
- J. No. M-402 – 1" medium red rubber (M,X).
- K. No. M-401 – 1" soft yellow rubber (M).
- L. No. M-413 – 1 1/4" soft yellow rubber (M).
- M. No. M-406 – 1" hard red yarn (M).
- N. No. M-407 – 1" semi-hard blue yarn (V,M).
- O. No. M-408 – 1" medium-soft yellow yarn (M).
- P. No. M-411 – 1" soft green yarn (M).
- Q. No. M-409 – 1 1/8" soft gray yarn (M).
- R. No. M-410 – 1 1/4" soft gray yarn (M).
- S. No. M-412 – 1 3/8" very soft gray yarn, low register (M).



ACCESSORIES

- A. No. M-336 – Genuine rolled rawhide mallet with tapered hardwood handle.
- B. No. M-337 – Dual head chime mallet for two tonal effects. Molded rubber grip.
- C. No. M-527 – Musser bar instrument polish.
- D. No. M-812 – Mallet holder for four pairs of mallets.
- E. No. M-121 – Musser mallet bag organizes and protects your mallets.
- F. No. M-130 – Four-piece 2" leg extension for M-51, M-42, M-31, M-61.
- No. M-131 – Five-piece 2" leg extension for vibes M-55, M-48, M-45.
- G. No. M-516 – Steel tuning fork, chrome, A-440 CPS, 6 1/2".
- No. M-518 – Steel tuning fork, Chrome, C-523.3 CPS, 6 1/2".
- No. M-519 – Aluminum tuning fork, satin, A-440 CPS, 7"





CONCERT BASS DRUMS

Ludwig is the leader in top-quality concert bass drums. Wood shells are constructed of multiple matched wood veneer panels arranged in sturdy cross-grained configuration. Choice of finish (drum illustrated in walnut). All drums are equipped with Ludwig's beautiful imperial lugs and solid rock maple hoops. All hardware is triple chrome plated. Mounted with Ludwig's own plastic heads. For cases see page 102-103.

- No. L-801** – 14" x 28" Concert Bass.
- No. L-804** – 16" x 32" Concert Bass.
- No. L-806** – 16" x 36" Concert Bass.
- No. L-808** – 18" x 40" Concert Bass.
- No. L-143** – Full drop cover for Bass Drum on stand. One size fits all. Made of heavy duty vinyl.

FREE SUSPENSION BASS DRUM STAND

Ludwig's finest concert bass drum stand features a suspension rack which provides rattle-free sound and resonance. No metal to metal contact, complete tilting adjustment, and positive angle lock. Large all-directional casters with positive locks. For 32" to 40" drums; please specify size.

No. L-789 – Suspended Bass Drum Stand.

FOLDING BASS DRUM STAND

Simple to fold and store, this tubular stand offers firm and stable support. Rubber sleeves for insulation and non-slip positioning. Adjustable to sizes 28" to 36" drums.

No. L-790 – Folding Bass Drum Stand.

TILTING BASS DRUM STAND

This stand features the same sturdy base construction as the suspended stand. Drum is held firmly in place by two bars. Hand-sized knobs lock drum securely in position at any angle. Large casters with positive locks.

No. L-792 – Tilting Bass Drum Stand for 28" and 32" drums.

No. L-793 – Tilting Bass Drum Stand for 36" and 40" drums.



CONCERT TOM TOMS

Ludwig Concert Tom Toms are unique in appearance and outstanding in sound penetration and tonal definition! They feature deep-drawn shells of six-ply, die-mold wood construction (except for four-ply on 6" and 8" shells). The Hercules double tom stand with its massive die-cast ratchet supports any weight drum and is fully angle adjustable. Available in all finishes except stainless steel (illustrated toms are white gloss). Toms include two stands and clip attachments. For cases see pages 102-103.

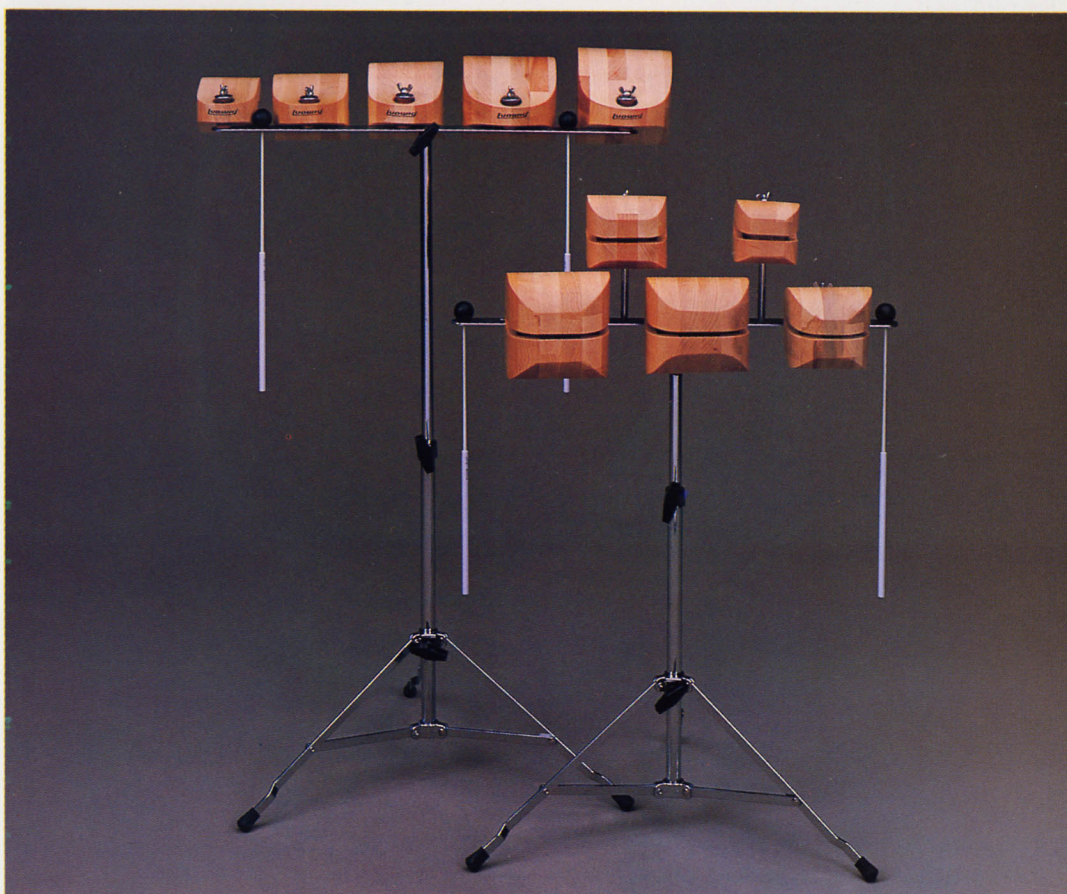
- No. L-549** – Set of four Concert Tom Toms (low pitched), sizes 15" deep x 16", 14" deep x 15", 13" deep x 14", 12" deep x 13", 2 Hercules Tom Stands.
- No. L-548** – Set of four Concert Tom Toms (high pitched), sizes 11" deep x 12", 9" deep x 10", 9" deep x 8", 9" deep x 6", 2 Hercules Tom Stands.
- No. L-1356** – Hercules Double Tom Stand.



CONCERT TEMPLE BLOCKS

Ludwig Temple Blocks are tonally separated from each other, but are not tuned to specific notes. They are available in two configurations, either in straight line or staggered arrangement.

- No. L-100** – Set of five Concert Temple Blocks, complete with stand and mallets, staggered arrangement.
- No. L-101** – Set of five Concert Temple Blocks, complete with stand and mallets, straight line arrangement.
- No. L-691** – 5" Temple Block only.
- No. L-692** – 4½" Temple Block only.
- No. L-693** – 4" Temple Block only.
- No. L-694** – 3½" Temple Block only.
- No. L-695** – 3" Temple Block only.
- No. L-1347** – Stand with staggered arms.
- No. L-1342** – Stand with straight line arms.





HAND CONGAS AND BONGOS

These congas and bongos will add an exciting Latin sound to your percussion section. Finished in walnut.

- No. L-4005** – Conga with 10 $\frac{3}{4}$ " head.
- No. L-4006** – Conga with 11 $\frac{1}{2}$ " head.
- No. L-4007** – Double conga stand.
- No. L-4008** – Single stand for 10 $\frac{3}{4}$ " conga.
- No. L-4009** – Single stand for 11 $\frac{1}{2}$ " conga.
- No. L-4010** – 10 $\frac{3}{4}$ " conga head.
- No. L-4011** – 11 $\frac{1}{2}$ " conga head.
- No. L-4012** – 7" and 8" hand bongos.
- No. L-4013** – 7" bongo head.
- No. L-4014** – 8" bongo head.
- No. L-4018** – Conga and bongo tuning key.

TIMBALES

Ludwig timbales have the authentic Latin sound so important for many of today's popular rhythms. Equipped with Ludwig's special plastic timbale heads and finished in chrome. Sizes are 6 $\frac{1}{2}$ " deep x 13" and 14" diameter. For cases see pages 102-103.

- No. L-2359** – Two timbales with 1383 stand.
- No. L-2349** – Two timbales only, with clip attachments.
- No. L-2336** – Two timbales with 1356 stand.
- No. L-1383** – Stand, angle not adjustable.
- No. L-1356** – Hercules Double Tom Stand.

TUNABLE CONGAS AND BONGOS

Ludwig congas and bongos are readily tunable with standard drum key. Supplied with deep-drawn plastic heads. Conga sizes are 27" deep x 12" diameter. Bongo sizes are 5 $\frac{1}{2}$ " deep x 6" and 8" diameter. Choice of finishes. Congas illustrated in white gloss, bongos in sparkle red. For cases see pages 102-103.

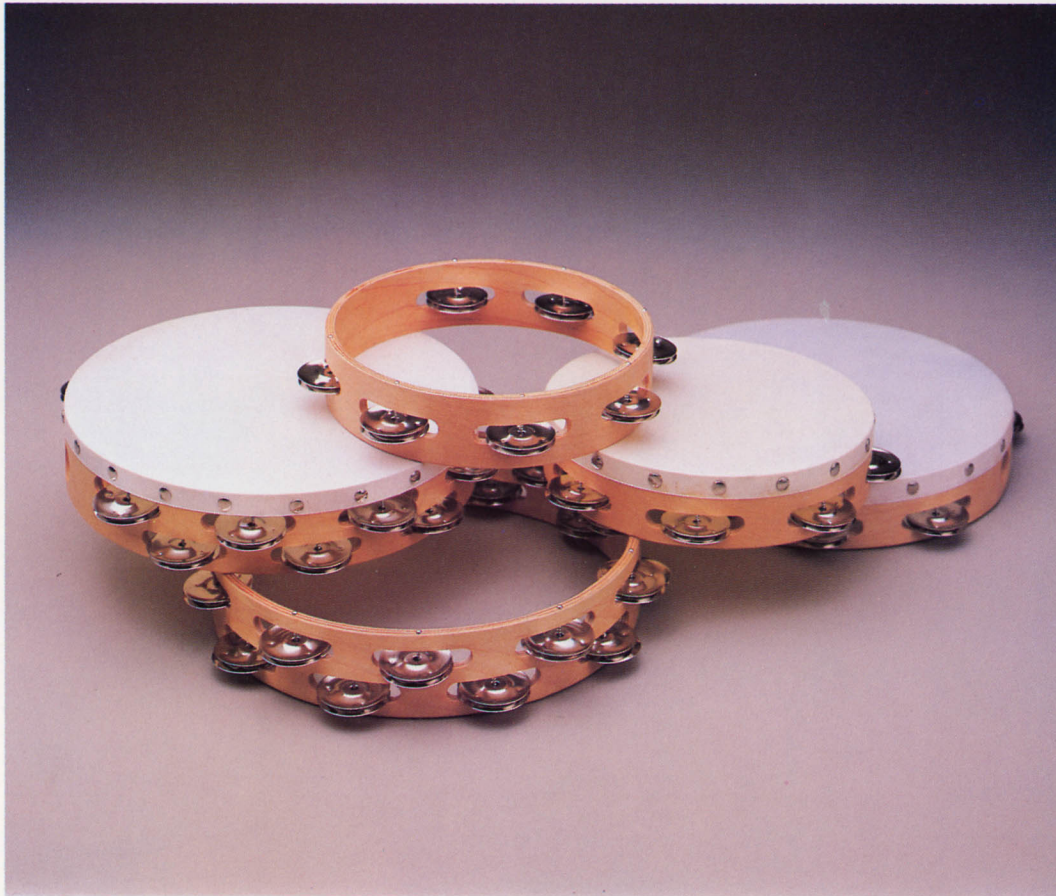
- No. L-2377** – Two congas with 1384 stand.
- No. L-2373** – One conga with wide-track legs.
- No. L-2374** – One conga only with clip attachments.
- No. L-1384** – Conga floor stand.
- No. L-2357** – Two bongos with stand.
- No. L-2358** – Two bongos with wood block only.
- No. L-2356** – Two bongos only with clip attachments.
- No. L-1346** – Straight bongo floor stand.
- No. L-1356** – Hercules floor stand without clips, angle adjustable.



TAMBOURINES

These quality tambourines feature shells of seven-ply hardwood, carefully sanded and finished in clear lacquer. Genuine goatskin heads produce a warm sound and are tack-mounted to shell for durability. All hardware and jingles are finished in bright nickel plating. The headless tambourines produce a crisp jingle sound, ideal for rock music.

- No. L-4000** – 8" headless tambourine, with seven pairs of jingles in a single row.
- No. L-4001** – 10" headless tambourine, with 17 pairs of jingles in a double row.
- No. L-4002** – 8" goatskin head tambourine, with seven pairs of jingles in a single row.
- No. L-4003** – 10" goatskin head tambourine, with nine pairs of jingles in a single row.
- No. L-4004** – 10" goatskin head tambourine, with 17 pairs of jingles in a double row.



CONCERT TRIANGLES

A professional quality triangle, made of top-grade steel to provide the finest sound quality possible. Carefully plated to prevent rusting. Each triangle is permanently mounted to a triangle clip holder and comes complete with beater.

- A. No. L-1333** – 6" triangle w/clip holder and beater.
- B. No. L-1334** – 8" triangle w/clip holder and beater.
- C. No. L-1332** – 10" triangle w/clip holder and beater.

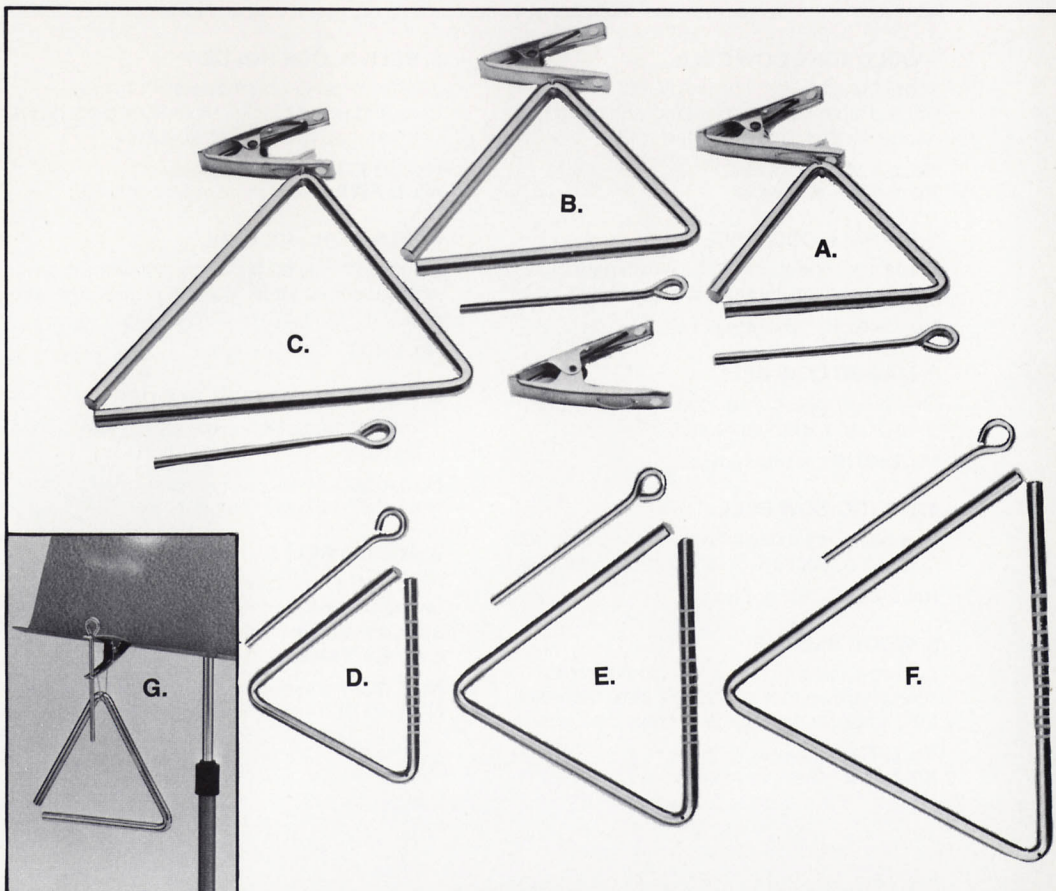
Glissando Triangles

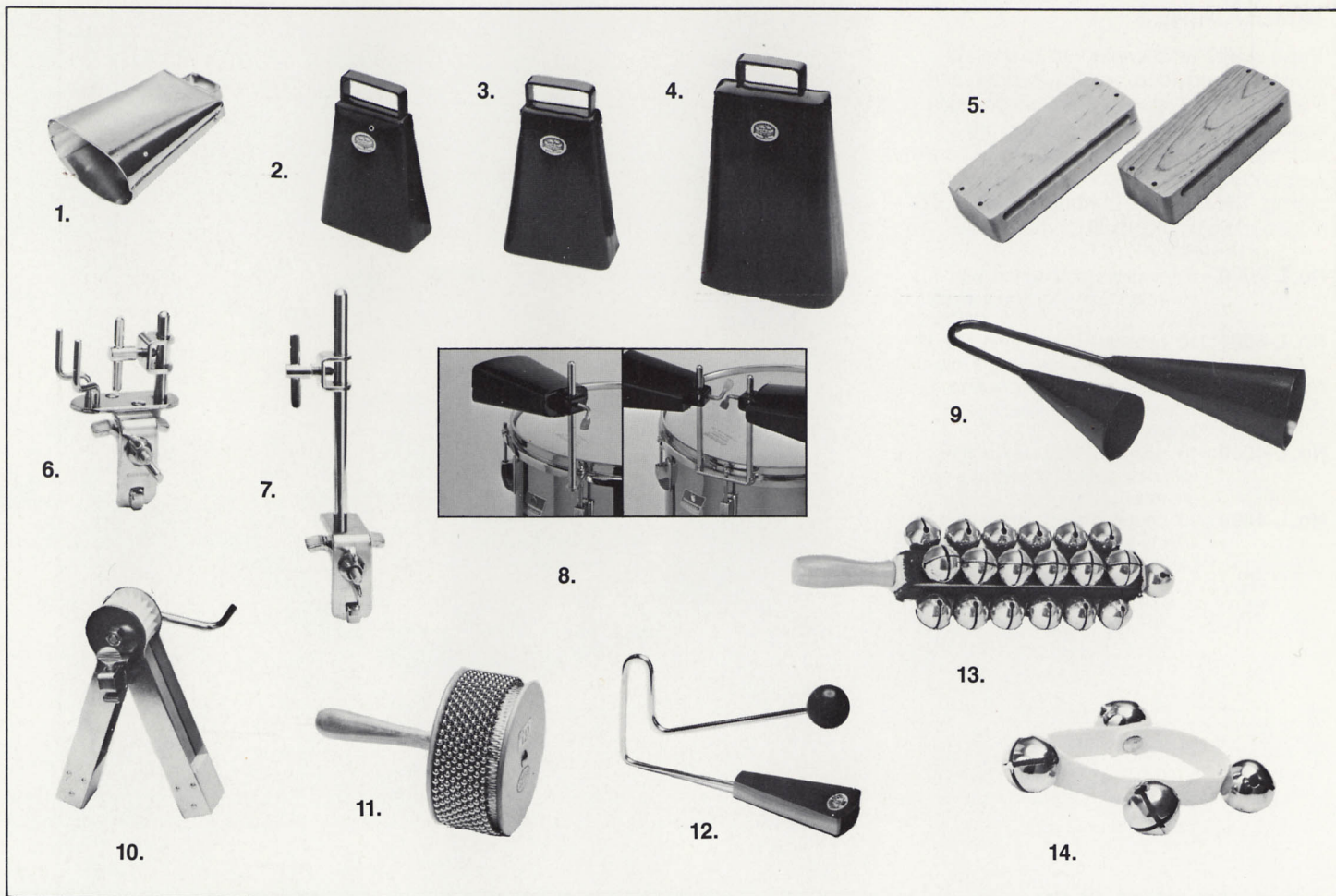
- D. No. L-1433** – 6" triangle w/holder and beater.
- E. No. L-1434** – 8" triangle w/holder and beater.
- F. No. L-1435** – 10" triangle w/holder and beater.

TRIANGLE HOLDER AND BEATER

Ludwig's clip-on holder is designed to slip on music stands, drum outfits, cymbal stands, and trap tables. Holder handle provides holes for triangle beater.

- G. No. L-1336** – Triangle clip-on holder.
- No. L-1337** – Triangle beater.





1. GOLD TONE COW BELL

Made from a heavy, hard alloy with electro-welded seams for a rich sound with great resonance. Golden bronze plated.

No. L-128 – 4" cow bell.
No. L-129 – 5" cow bell.

2. TIMBALE COW BELL

Made from one-piece steel to eliminate buzz, finished in black lacquer to prevent rust.

No. L-4015 – Timbale cow bell.

3. MAMBO COW BELL

One-piece steel construction gives this bell great sound. Black lacquer finish.

No. L-4016 – Mambo cow bell.

4. BONGO COW BELL

This bell gives a distinctive Latin sound to your percussion section. Finished in black lacquer.

No. L-4017 – Bongo cow bell.

5. WOOD BLOCKS

Ludwig carves its own wood blocks from select hardwood to produce a clear resonant tone. Ideal for rhythmic and special effects.

No. L-774 – Large wood block.
No. L-775 – Small wood block.

6. BELL-BLOCK HOLDER

Sturdy holder accommodates both cow bells and wood blocks. Mounts on bass drum counterhoop or edge of trap table.

No. L-1323 – Bell-block holder.
No. L-1322 – Rod-mount bell-block holder.

7. COW BELL HOLDER

Mounts directly on bass drum counterhoop or edge of trap table. Main shaft is 6" high with sturdy "U" clamp to hold bell firmly.

No. L-133 – Cow bell holder.

8. TIMBALE COW BELL HOLDER

These holders attach to the collar tension rods of timbales.

No. L-126 – Single cow bell holder.
No. L-127 – Double cow bell holder.

9. AGOGO BELLS

From Bahia in Brazil comes this unique percussion sound. Two richly toned bells, pitched approximately a third apart, are played with a variety of strikers.

No. L-2387 – Agogo bell.
No. L-2379 – Agogo bell mounting bracket.

10. RATCHET

Made in the Ludwig factory, this ratchet features a large nylon ratchet wheel of rugged construction and select hardwood. Can be hand held or mounted on bass drum hoop.

No. L-75 – Ratchet.

11. AFUCHE (CABASA)

The afuche provides an unusual Brazilian rhythm sound. Stringed metal beads produce a dry cabasa sound.

No. L-2381 – Afuche.

12. VIBRA-SLAP

Produces a sound similar to a "jawbone," with greater consistency and strength.

No. 2384 – Large vibra-slap.

13. SLEIGH BELLS

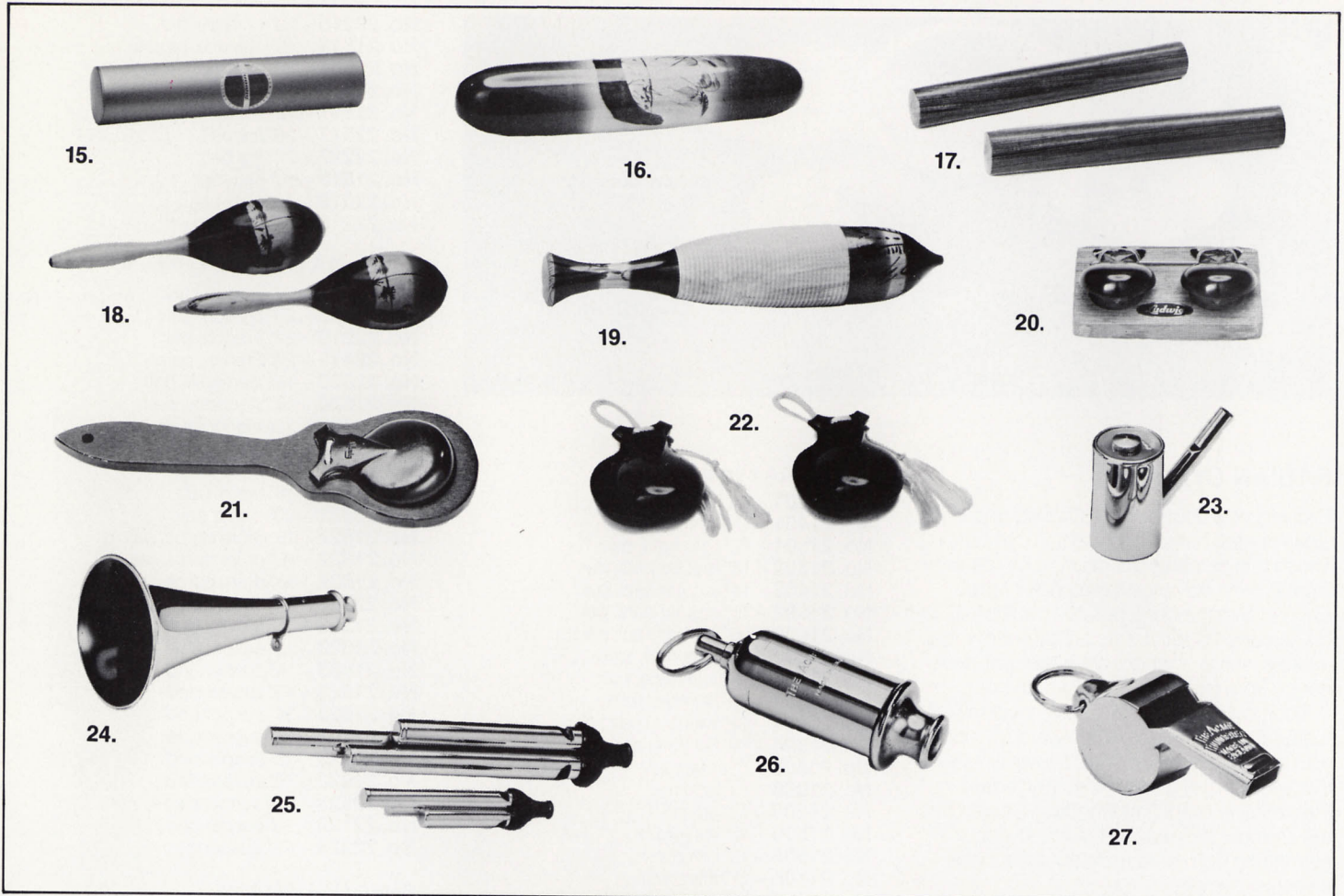
These 25 authentic sleigh bells produce a rich, resonant sound. Mounted securely on holder.

No. L-97 – Sleigh bells.

14. WRIST BELLS

Four resonant sleigh bells are securely fastened to a wrist strap. Useful in dance studios to give accurate rhythmic patterns.

No. L-96 – Wrist bells.

**15. METAL TUBO (SHAKER)**

This hand-held metal shaker is filled with balanced shot. Its sound is similar to the ka-me-so, though crisper and more definite.

No. L-2392 – Small metal tubo.

No. L-2393 – Large metal tubo.

16. KA-ME-SO

Made of hand-painted polished wood and filled with shot, the ka-me-so is capable of producing long rolls.

No. L-2369 – Ka-me-so.

17. ROSEWOOD CLAVES

Top quality claves are made of hand-turned rosewood, lacquered and polished to a gleaming luster.

No. L-2368 – Medium claves, pair.

18. MARACAS

Hand turned from choice wood and filled with balanced shot for a clear, high-pitched Latin sound.

No. L-2365 – Medium maracas, pair.

19. GUIRO

Made of hand-carved wood with wood scraper. Evenly spaced deep grooves provide clear tone and resonance.

No. L-2367 – Medium guiro.

20. CONCERT CASTANETS

Mounted on select hardwood, these castanets can be played with fingers or soft mallets. Excellent articulation and response.

No. L-89 – Concert castanets.

21. SINGLE PAIR CASTANETS

One pair of bakelite clappers mounted on hardwood handle. Produces crisp, clear tone.

No. L-91 – Single pair castanets.

22. HAND CASTANETS

Two pairs of durable bakelite clappers, securely cord-mounted. Authentic Spanish sound with crisp clear resonance.

No. L-90 – Hand castanets, two pairs.

23. BIRD WHISTLE

Ludwig-made brass bird whistle with adjustable air vent. For proper effect, fill half-full of water.

No. L-537 – Ludwig bird whistle.

24. SIREN HORN

Mouth-operated stainless steel siren horn, 7" long.

No. L-547 – Siren horn.

25. BOAT/TRAIN WHISTLES

Triple tone whistles create realistic steamboat or train effects.

No. L-543 – Boat whistle.

No. L-545 – Train whistle.

26. ACME SIREN WHISTLE

Most famous siren whistle made. All metal plated. Used for wind, siren, or cyclone effects.

No. L-539 – Acme siren whistle.

27. ACME THUNDERER WHISTLE

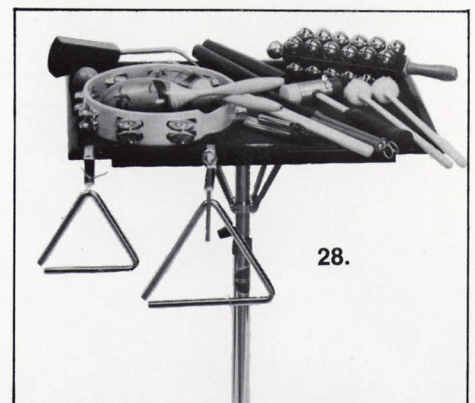
Most famous of all drum major whistles. All metal construction, equipped with ring. Great carrying power.

No. L-118 – Acme thunderer whistle.

28. CONCERT TRAP TABLE WITH STAND ONLY:

To organize all your Ludwig sound effects and accessories.

No. L-1378 – Trap table.





SABIAN CYMBALS

Exciting new sounds and startling good looks are the hallmark of Sabian cymbals. These fine cymbals are created by combining the most advanced methods of production with the centuries-old tradition of craftsmanship still practiced by our cymbal makers, some of whom have brought experience from Istanbul to the Sabian plant.

Each cymbal is cast from the best raw materials available, to which we add our own unique processes and a level of skill that's rare in the cymbal industry today. The result is simply outstanding. Sabian has the sounds, shapes, and durability for everything from hard rock, hot jazz, to the sweetest symphony.

All Sabian cymbals may be ordered in brilliant finish by adding B to catalog number. Rivets may be installed for "sizzle" effect by adding S to catalog number.

SABIAN HH CYMBALS

Each Sabian HH cymbal is individually cast, rolled, and tempered from the finest and purest raw materials. They are then hammered by hand to achieve their unique appearance and distinctively low, warm, very responsive sound.

SABIAN AA CYMBALS

Sabian AA cymbals are produced from the same materials to the same high standards as HH. The difference is AA cymbals are machine-hammered for a brighter, more penetrating sound.

Sabian AA cymbals

- No. 21301 – 13" light hats, pair.
- No. 21401 – 14" light hats, pair.
- No. 21501 – 15" light hats, pair.
- No. 21302 – 13" regular hats, pair.
- No. 21402 – 14" regular hats, pair.
- No. 21502 – 15" regular hats, pair.
- No. 21602 – 16" regular hats, pair.
- No. 21403 – 14" rock hats, pair.
- No. 21503 – 15" rock hats, pair.
- No. 21304 – 13" flat hats, pair.
- No. 21404 – 14" flat hats, pair.
- No. 21504 – 15" flat hats, pair.
- No. 20805 – 8" splash.
- No. 21005 – 10" splash.
- No. 21205 – 12" splash.
- No. 21506 – 15" thin crash.
- No. 21606 – 16" thin crash.
- No. 21706 – 17" thin crash.
- No. 21806 – 18" thin crash.
- No. 21607 – 16" medium thin crash.
- No. 21707 – 17" medium thin crash.
- No. 21807 – 18" medium thin crash.
- No. 21907 – 19" medium thin crash.
- No. 22007 – 20" medium thin crash.
- No. 21608 – 16" medium crash.
- No. 21708 – 17" medium crash.
- No. 21808 – 18" medium crash.
- No. 21908 – 19" medium crash.
- No. 22008 – 20" medium crash.
- No. 21609 – 16" heavy crash.
- No. 21709 – 17" heavy crash.
- No. 21809 – 18" heavy crash.
- No. 21909 – 19" heavy crash.
- No. 21710 – 17" thin ride.
- No. 21810 – 18" thin ride.
- No. 21910 – 19" thin ride.
- No. 22010 – 20" thin ride.
- No. 21611 – 16" crash ride.
- No. 21711 – 17" crash ride.
- No. 21811 – 18" crash ride.
- No. 21911 – 19" crash ride.
- No. 22011 – 20" crash ride.
- No. 22111 – 21" crash ride.
- No. 22211 – 22" crash ride.
- No. 21812 – 18" medium ride.
- No. 21912 – 19" medium ride.
- No. 22012 – 20" medium ride.
- No. 22212 – 22" medium ride.
- No. 22412 – 24" medium ride.
- No. 22413 – 24" medium heavy ride.
- No. 22014 – 20" heavy ride.
- No. 22114 – 21" heavy ride.
- No. 22214 – 22" heavy ride.
- No. 21815 – 18" chinese, flat.
- No. 22015 – 20" chinese, flat.

- No. 22215 – 22" chinese, flat.
- No. 21816 – 18" chinese, regular.
- No. 22016 – 20" chinese, regular.
- No. 22216 – 22" chinese, regular.
- No. 21817 – 18" flat bell.
- No. 22017 – 20" flat bell.
- No. 22217 – 22" flat bell.
- No. 21818 – 18" mini-bell.
- No. 22018 – 20" mini-bell.
- No. 22218 – 22" mini-bell.

Sabian AA classical cymbals

- No. 21819 – 18" French, pair.
- No. 22019 – 20" French, pair.
- No. 22219 – 22" French, pair.
- No. 22419 – 24" French, pair.
- No. 21620 – 16" Viennese, pair.
- No. 21820 – 18" Viennese, pair.
- No. 22020 – 20" Viennese, pair.
- No. 21521 – 15" band, pair.
- No. 21621 – 16" band, pair.
- No. 21821 – 18" band, pair.
- No. 22021 – 20" band, pair.
- No. 21522 – 15" drum corps, pair.
- No. 21622 – 16" drum corps, pair.
- No. 21822 – 18" drum corps, pair.
- No. 22022 – 20" drum corps, pair.
- No. 21223 – 12" suspended.
- No. 21323 – 13" suspended.
- No. 21423 – 14" suspended.
- No. 21523 – 15" suspended.
- No. 21623 – 16" suspended.
- No. 21723 – 17" suspended.
- No. 21823 – 18" suspended.
- No. 21923 – 19" suspended.
- No. 22023 – 20" suspended.
- No. 22123 – 21" suspended.
- No. 22223 – 22" suspended.

Sabian HH cymbals

- No. 11302 – 13" hi-hats, pair.
- No. 11402 – 14" hi-hats, pair.
- No. 11502 – 15" hi-hats, pair.
- No. 11602 – 16" hi-hats, pair.
- No. 10805 – 8" splash.
- No. 11005 – 10" splash.
- No. 11606 – 16" thin crash.
- No. 11806 – 18" thin crash.
- No. 12006 – 20" thin crash.
- No. 11811 – 18" crash ride.
- No. 12011 – 20" crash ride.
- No. 11812 – 18" medium ride.
- No. 12012 – 20" medium ride.
- No. 12212 – 22" medium ride.
- No. 12014 – 20" heavy ride.
- No. 12214 – 22" heavy ride.

Sabian HH classical cymbals

- No. 11620 – 16" Viennese, pair.
- No. 11820 – 18" Viennese, pair.
- No. 12020 – 20" Viennese, pair.
- No. 11624 – 16" Germanic, pair.
- No. 11724 – 17" Germanic, pair.
- No. 11824 – 18" Germanic, pair.
- No. 11924 – 19" Germanic, pair.
- No. 12024 – 20" Germanic, pair.
- No. 11323 – 13" suspended.
- No. 11423 – 14" suspended.
- No. 11523 – 15" suspended.
- No. 11623 – 16" suspended.
- No. 11723 – 17" suspended.
- No. 11823 – 18" suspended.
- No. 11923 – 19" suspended.
- No. 12023 – 20" suspended.



LUDWIG CYMBALS

Ludwig maintains a complete stock of the most popular sizes of cymbals. A quality line of cymbals at a competitive price.

- No. L-214** – Pair of 14" hi-hats.
- No. L-216** – 16" thin crash.
- No. L-218** – 18" medium-thin crash ride.
- No. L-220** – 20" medium ride.
- No. L-225** – Complete set of the above.

SYMPHONIC GONGS

Each of these gongs is tempered and hand-hammered from the finest brass alloy with delicate care and superb craftsmanship. The musical quality of these gongs is outstanding. One mallet supplied with each gong. For drop covers see pages 102-103.

- No. L-724** – 24" gong.
- No. L-726** – 26" gong.
- No. L-728** – 28" gong.
- No. L-730** – 30" gong.
- No. L-732** – 32" gong.
- No. L-734** – 34" gong.
- No. L-736** – 36" gong.

GONG STANDS

Full steel circle offers rigid support with mounted curved feet. Adjustable hooks allow centering of gong in ring for balanced weight distribution.

- No. L-762** – Stand for 24" to 30" gong.
- No. L-763** – Stand for 32" to 36" gong.

A. SLINGSHOT CYMBAL HOLDER

These tough leather grips are easy to install without tying knots.

- No. L-1392** – Slingshot grips, pair.

B. LAMB'S WOOL CYMBAL HOLDER

A deluxe lamb's wool cymbal pad with leather thongs.

- No. L-1365** – Lamb's wool holder, pair.

C. ZIPPER CYMBAL POUCH

Sturdy leatherette pouch with zipper opening and carrying strap.

- No. L-1387** – 18" cymbal pouch.
- No. L-1389** – 24" cymbal pouch.

D. LEATHER THONGS

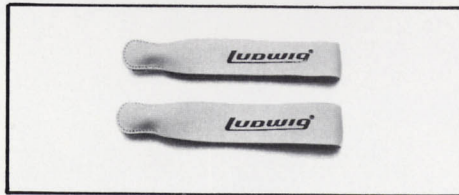
Soft leather holders are knotted behind cymbal to produce maximum resonance.

- No. L-1366** – One leather thong.

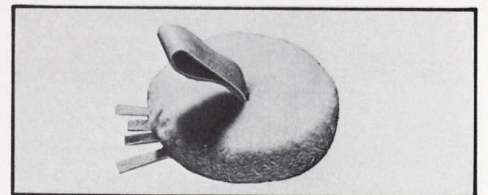
E. DELUXE GONG Mallet

Expertly weighted gong mallet brings out deep, rich tone of gong. Supplied with soft pile head on chrome-plated steel handle.

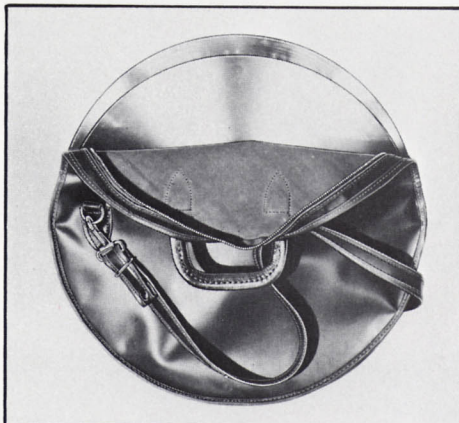
- No. L-326** – Deluxe gong mallet.



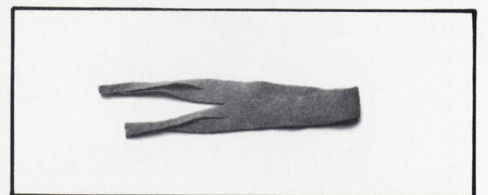
A.



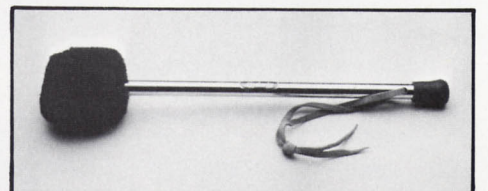
B.



C.



D.



E.



UFO DRUM KIT

Ludwig's famous UFO drum kit features a sturdy one-piece, double-wall case with compartments for all components. The kit has either the Supra-Phonic or Acrolite snare drum, both proven quality instruments. All UFO kits include an L-1355 snare stand and a pair of sticks.

- No. L-2462** – UFO kit with L-400 snare drum and Speedex practice pad.
- No. L-2463** – UFO kit with L-404 Acrolite snare drum and Speedex practice pad.
- No. L-2464** – UFO kit with L-404 Acrolite snare drum and L-354 Porto pad.
- No. L-2465** – UFO kit with L-404 Acrolite snare drum, less practice pad.
- No. L-8040** – UFO case only, black.

JUNIOR PERCUSSION KIT

This kit introduces the student to melodic rhythmic concepts. It features a 2½-octave steel bell set tuned to A-440, practice pad, and stand. Case is sturdy and lightweight with double-wall construction. Pair of double-end bell mallets, pair of sticks, and music rack included.

- No. M-649** – Junior percussion kit with L-355 metal practice pad.
- No. M-650** – Junior percussion kit with L-378 8" practice pad.
- No. M-643** – Mallets only.
- No. M-1353** – Stand only.

S/L DRUM KIT

The S/L drum kit features the L-600 S/L snare drum made of die-cast four-ply wood panels finished in chrome pearl. The kit also includes an L-1355 snare stand, a pair of sticks, and a Speedex practice pad. The one-piece, double-wall UFO case has compartments for all components.

- No. L-2485** – S/L drum kit.



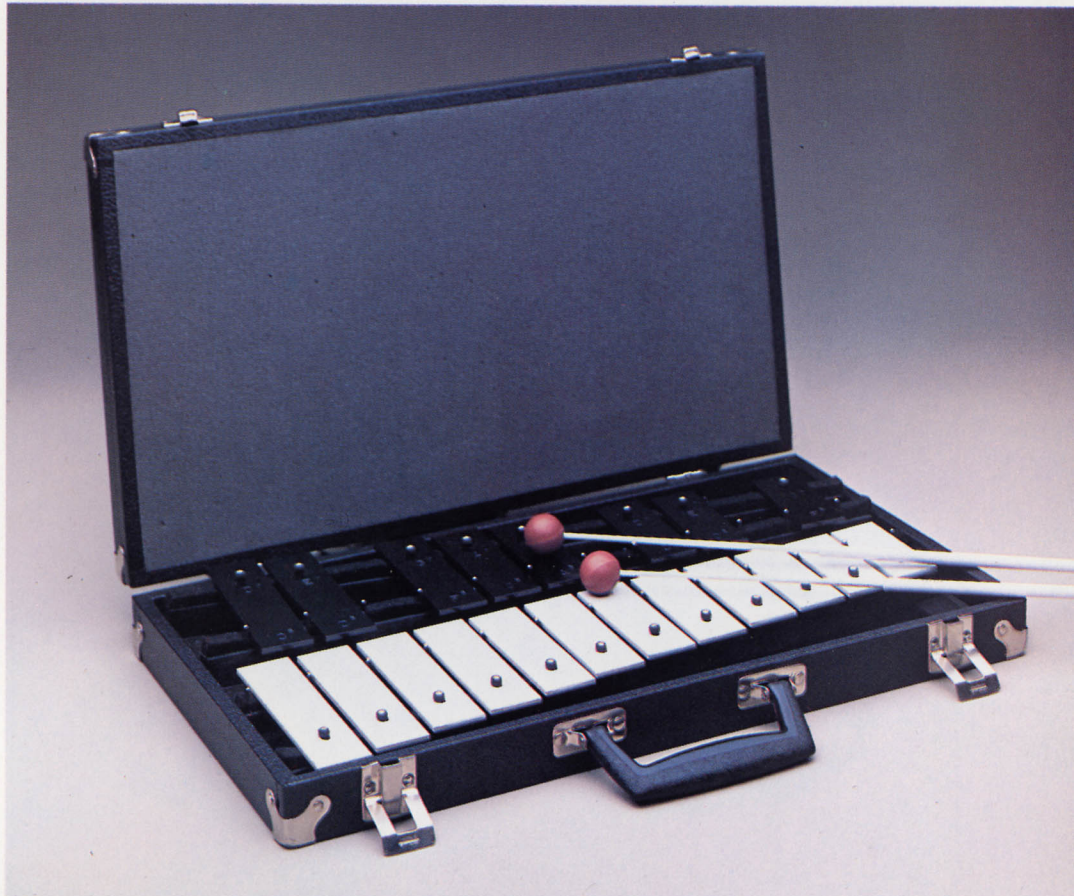
STUDENT BELL KIT

A 1½-octave bell set placed in a sturdy molded carrying case. Bells are tuned to A-440; bars are high-tempered steel from C⁶ to G⁷. An economical starter set for the beginning student. Double end bell mallets included.

No. M-653 – Student bell kit with case.

No. M-652 – Case only.

No. M-643 – Mallets only.



PERCUSSION LEARNING KIT

For the beginning total percussionist, this suitcase kit carries a full 1½-octave bell set, the famous Acrolite snare drum, Speedex practice pad, a pair of double-end bell mallets, a pair of sticks, and stand for bells or snare drum.

No. L-2480 – Percussion learning kit, complete.

No. L-380 – Bells only.

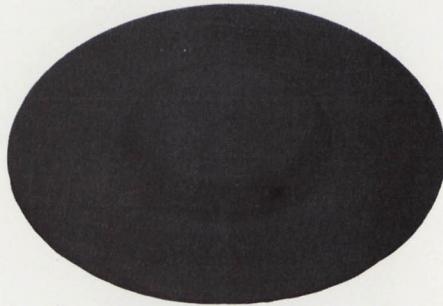
No. L-6941 – Case only.

No. M-643 – Mallets only.





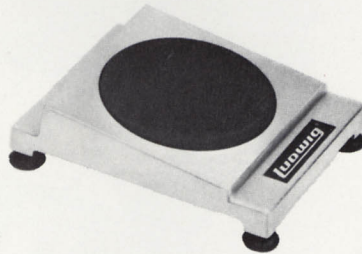
A.



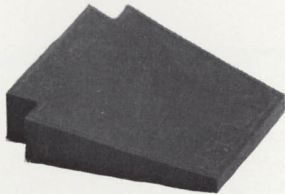
B.



C.



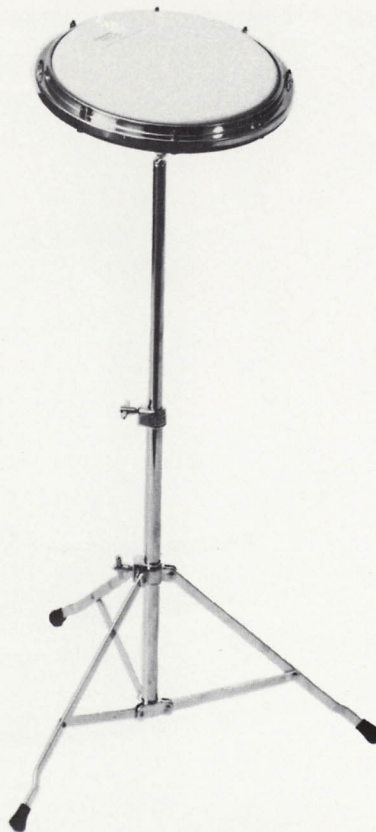
D.



E.



F.



G.

A. GLADSTONE PAD

This is the original Billy Gladstone practice pad, invented for Ludwig more than 20 years ago. Made of pure rubber with an imbedded steel plate, it provides two playing surfaces. Vacuum cavity holds pad firmly in place on batter head.

No. L-351 – Gladstone pad.

B. SPEDEX PAD

This 14" rubber practice pad gives audible snare response and natural drum rebound from two playing surfaces. Vacuum holds pad securely in place.

No. L-381 – Speedex pad.

C. TUNABLE PAD

Provides the real touch, feel, and rebound of an actual drum. Eight tension rods allow tuning to any desired tension with standard drum key. Pad can be placed on rubber bumpers underneath the base or mounted on stand.

No. L-378 – 8" Tunable pad.

D. METAL BASE PAD

Solid aluminum base with thick gum rubber pad provides lively playing surface.

No. L-355 – Metal base pad.

E. ALL-RUBBER PORTO PAD

A handy pocket-size practice pad, ideal for use on head of drum.

No. L-354 – All-rubber porto pad.

F. METAL PAD WITH STAND

Metal pad L-355 easily attaches to adjustable stand. Compact fold-up for packing.

No. L-2010 – Stand with L-355 pad.

No. L-1359 – Stand only.

G. TUNABLE PAD WITH STAND

Tunable pad easily threads on to adjustable stand, which folds compactly for packing.

No. L-2015 – Stand with L-378 pad.

No. L-1353 – Stand only.

TIMPANI MALLETS

All these mallets come in a pair with wooden shafts (except L-2311).

- No. L-305** – Soft mallet, Payson model, inner hard maple core covered with seamless sack type of split felt, color-coded with white band.
- No. L-306** – Medium mallet, Payson model, inner hard maple core covered with seamless sack type of split felt, color-coded with red band.
- No. L-307** – Hard mallet, Payson model, inner hard maple core covered with seamless sack type of unsplit felt, color-coded with blue band.
- No. L-342** – Medium mallet, piano felt hand-sewn over felt ball.
- No. L-343** – Hard mallet, piano felt hand-sewn over felt ball.
- No. L-344** – Medium-soft mallet, piano felt cartwheel hand-sewn over felt ball, pear-end handle.
- No. L-345** – Hard felt ball mallet.
- No. L-346** – Medium-soft mallet, piano felt hand-sewn over felt ball.
- No. L-347** – Soft mallet, piano felt hand-sewn over felt ball.
- No. L-2311** – Medium-hard mallet, piano felt hand-sewn over moleskin cushioned wood ball, Acrolite shaft with molded grip, pair.



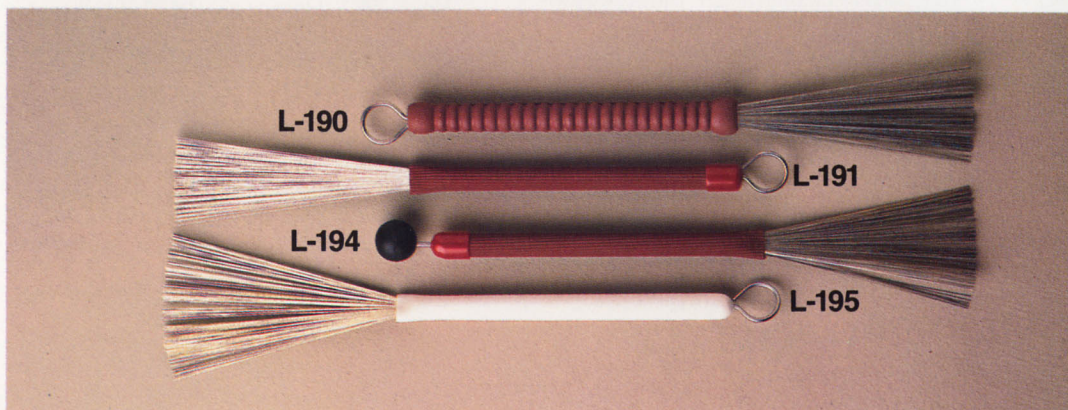
BASS DRUM MALLETS

- No. L-308** – Brown soft pile mallet, extra large, Payson model "Sostenuto," inner hard felt core wrapped in layers of medium felt, hard maple handle, one.
- No. L-309** – Brown soft pile mallet, Payson model "Roller Mallet," hard felt inner core, hard maple handle, pair.
- No. L-316** – Replacement head cover for L-309 mallet, pair.
- No. L-319** – Double ball mallet, soft pile hand-sewn over felt-covered cores, corkball (large) and wood ball (small), tapered wooden shaft, one.
- No. L-2320** – Double ball mallet, black soft-pile hand-sewn over felt-covered cores, corkball (large) and felt ball (small), Acrolite shaft with molded grip, one.

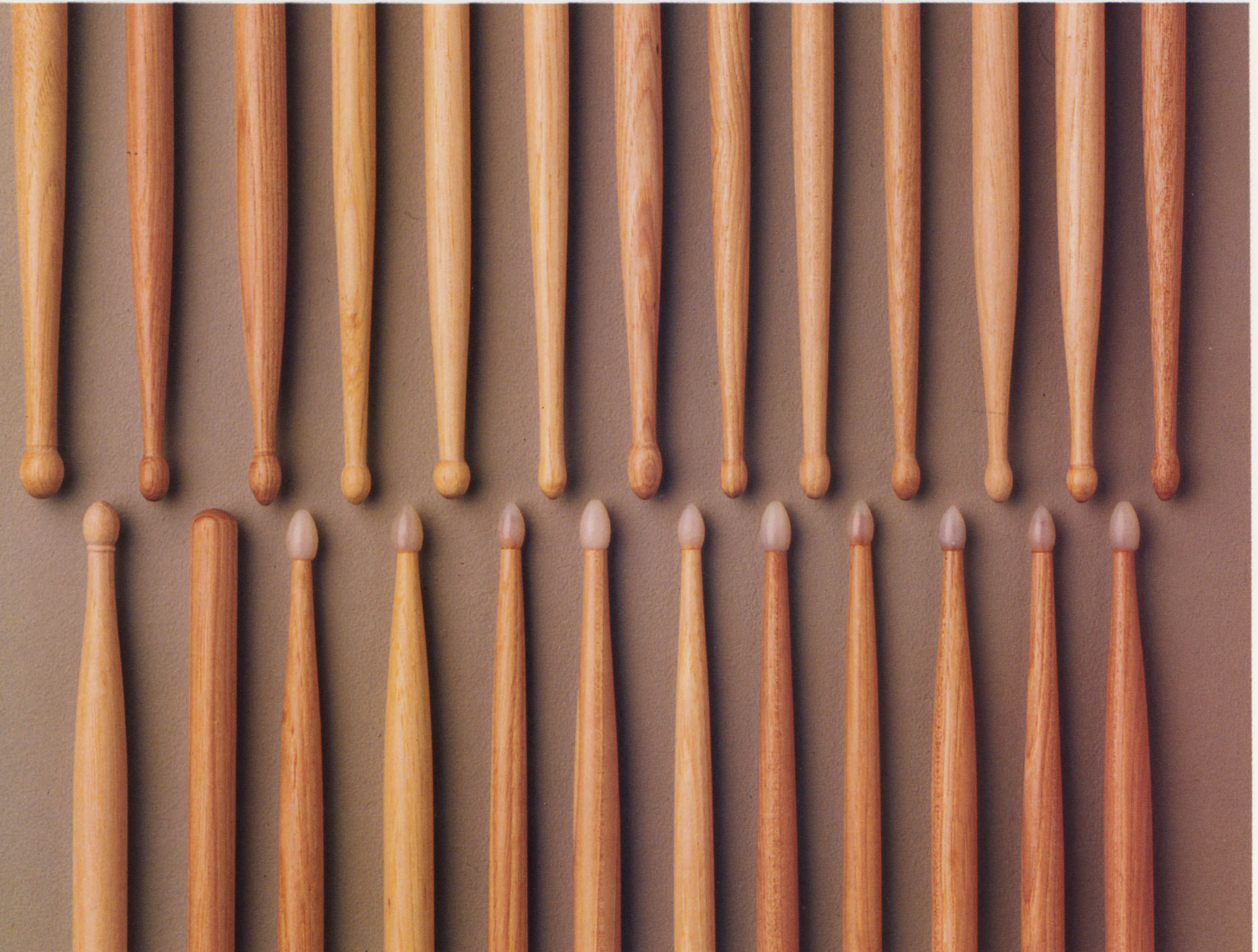


WIRE BRUSHES

- No. L-190** – Red Ribbed model brushes, pair. Handle molded with deep ribs to prevent slipping or turning and provide added weight for cymbal work.
- No. L-191** – Red Grooved model brushes, pair. Grooves prevent turning and slim handle fits comfortably between fingers.
- No. L-194** – Ball End model brushes, pair. Grooved red rubber handle prevents turning and ball end designed for cymbal and tom use.
- No. L-195** – White Plastic model brushes, pair. A favorite of many percussionists. The sure-grip, slim handle is designed for solid rim shot work.



L-1A L-2A L-2B L-2S L-3S L-5A L-5B L-6A L-7A L-7B L-8A L-11A L-15A



L-16A L-18A L-1AN L-2AN L-2BN L-5AN L-5BN L-6AN L-7AN L-8AN L-11AN L-18AN

GENUINE HICKORY DRUMSTICKS

Ludwig's hickory drumsticks are made in our own factory, machine tooled from select, close-grained hickory stock. They are double-sanded, butt-rounded, and lacquered to a satin finish. They are then carefully inspected and sealed in pairs in air-tight bags to keep moisture out.

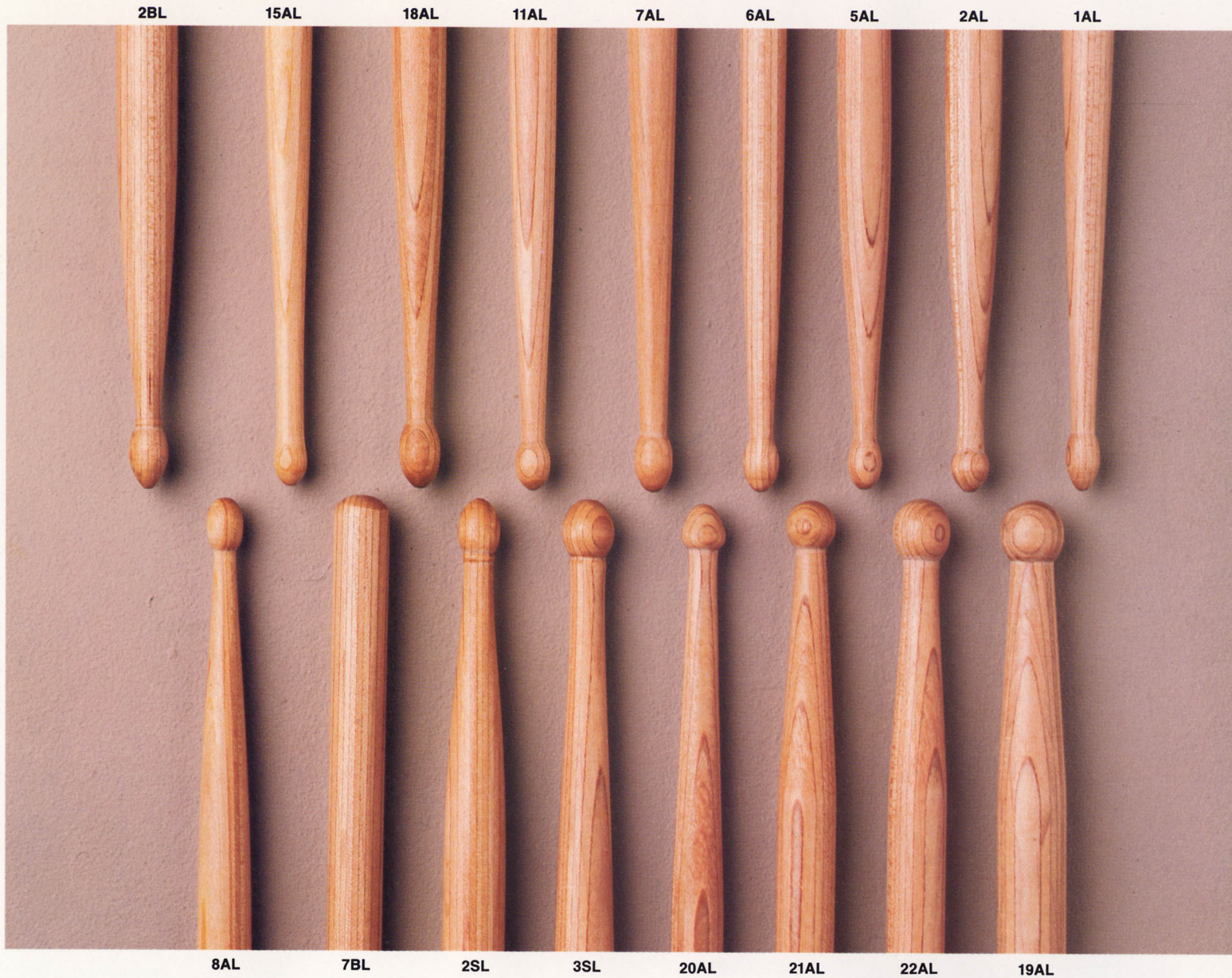
- No. L-1A** – Acorn bead, 16 $\frac{3}{4}$ " long x $\frac{9}{16}$ " diameter.
- No. L-2A** – Medium olive bead, 15 $\frac{3}{4}$ " long x $\frac{5}{8}$ " diameter.
- No. L-2B** – Medium olive bead, 15 $\frac{7}{8}$ " long x $\frac{5}{8}$ " diameter.
- No. L-2S** – Large ball bead, 16 $\frac{7}{8}$ " long x $\frac{1}{16}$ " diameter.

- No. L-3S** – Very large ball bead, 16 $\frac{7}{8}$ " long x $\frac{3}{4}$ " diameter.
- No. L-5A** – Medium olive bead, 16" long x $\frac{9}{16}$ " diameter.
- No. L-5B** – Moderately large olive bead, 16" long x $\frac{9}{16}$ " diameter.
- No. L-6A** – Small olive bead, 15 $\frac{1}{2}$ " long x $\frac{1}{2}$ " diameter.
- No. L-7A** – Medium olive bead, 15 $\frac{1}{4}$ " long x $\frac{9}{16}$ " diameter, Roy Haynes model.
- No. L-7B** – Rock beat model, 16" long x $\frac{9}{16}$ " diameter.
- No. L-8A** – Acorn bead, 15 $\frac{7}{8}$ " long x $\frac{1}{2}$ " diameter.
- No. L-11A** – Medium olive bead, 16" long x $\frac{9}{16}$ " diameter, Joe Morello model.
- No. L-15A** – Jazz stick, 16" long x $\frac{9}{16}$ " diameter.
- No. L-16A** – Round bead, 16 $\frac{1}{2}$ " long x $\frac{9}{16}$ " diameter.
- No. L-18A** – Acorn bead, double ended, 16" long x $\frac{9}{16}$ " diameter.

NYLON TIP HICKORY STICKS

Ludwig's nylon tips are hot-molded in precise dies and carefully fitted to the shank of each Ludwig hickory stick. A combination of grooves, knurls, and epoxy resin adheres the tips securely to the shaft. Packed in pairs in air-tight bags to keep moisture out.

- No. L-1AN** – Same as L-1A.
- No. L-2AN** – Same as L-2A.
- No. L-2BN** – Same as L-2B.
- No. L-3SN** – Same as L-3S (not shown).
- No. L-5AN** – Same as L-5A.
- No. L-5BN** – Same as L-5B.
- No. L-6AN** – Same as L-6A.
- No. L-7AN** – Same as L-7A.
- No. L-8AN** – Same as L-8A.
- No. L-11AN** – Same as L-11A.
- No. L-18AN** – Same as L-18A.



POWER LINE DRUMSTICKS

Ludwig's Power Line sticks are made from select maple, sanded and laminated to a smooth finish. Packed in pairs in air-tight bags to keep moisture out.

- No. L-1AL** – Same dimensions as L-1A.
- No. L-2AL** – Same dimensions as L-2A.
- No. L-2BL** – Same dimensions as L-2B.
- No. L-2SL** – Same dimensions as L-2S.
- No. L-3SL** – Same dimensions as L-3S.
- No. L-5AL** – Same dimensions as L-5A.
- No. L-5BL** – Same dimensions as L-5B.
- No. L-6AL** – Same dimensions as L-6A.
- No. L-7AL** – Same dimensions as L-7A.
- No. L-7BL** – Same dimensions as L-7B.
- No. L-8AL** – Same dimensions as L-8A.
- No. L-11AL** – Same dimensions as L-11A.
- No. L-15AL** – Same dimensions as L-15A.
- No. L-16AL** – Same dimensions as L-16A.
- No. L-18AL** – Same dimensions as L-18A.
- No. L-19AL** – PLS Power Line marching sticks.
- No. L-20AL** – PLS Jazz sticks, acorn bead.
- No. L-21AL** – PLS Concert sticks, oval bead.
- No. L-22AL** – PLS Rock sticks, round bead.



LUDWIG PROMOTIONAL ITEMS

A. Black satin jacket (lined)

- No. AV8006S – Jacket, small.
- No. AV8006M – Jacket, medium.
- No. AV8006L – Jacket, large.
- No. AV8006X – Jacket, extra large.

B. Silver satin jacket (unlined)

- No. AV8007S – Jacket, small.
- No. AV8007M – Jacket, medium.
- No. AV8007L – Jacket, large.
- No. AV8007X – Jacket, extra large.

C. Black longsleeve jersey

- No. AV8008S – Jersey, small.
- No. AV8008M – Jersey, medium.
- No. AV8008L – Jersey, large.
- No. AV8008X – Jersey, extra large.

D. White ¾-sleeve jersey (black trim)

- No. AV8009S – Jersey, small.
- No. AV8009M – Jersey, medium.
- No. AV8009L – Jersey, large.
- No. AV8009X – Jersey, extra large.

E. Black outfit T-shirt

- No. AV8010S – T-shirt, small.
- No. AV8010M – T-shirt, medium.
- No. AV8010L – T-shirt, large.
- No. AV8010X – T-shirt, extra large.



F. Silver marching T-shirt

- No. AV8011S – T-shirt, small.
- No. AV8011M – T-shirt, medium.
- No. AV8011L – T-shirt, large.
- No. AV8011X – T-shirt, extra large.

G. Miscellaneous items

- No. AV8012 – Sweatbands set (one headband, two wristbands).

No. AV8013 – Drumstick pen.

No. AV8014 – Ludwig/Garland pen.

No. AV8015 – Ludwig/Garland pencil.

No. AV8016 – Black foam and mesh cap.

No. AV8017 – Drummer's towel.

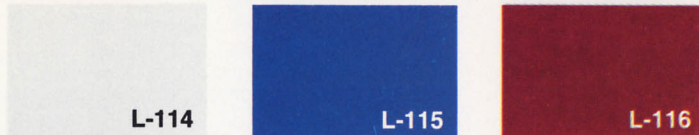
No. AV8018 – Ludwig/Musser embroidered emblem.

No. AV8019 – Embroidered emblem.

Natural Finishes – Maple Wood – Mahogany Wood – Natural Walnut



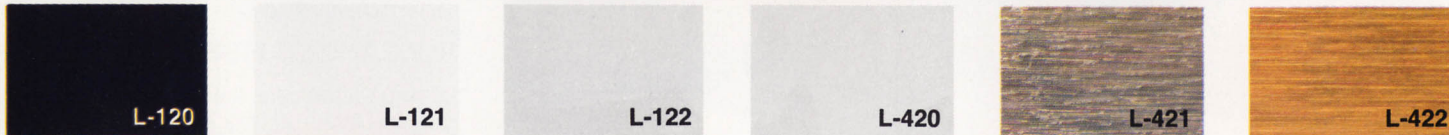
Color Silks – Silver Silk – Blue Silk – Red Silk – Gold Silk – Wine Silk



LUDWIG DRUM FINISHES



Glossy Finishes – Black Gloss – White Gloss – Chrome Pearl – Chrome-O-Wood – Brushed Silver – Brushed Gold



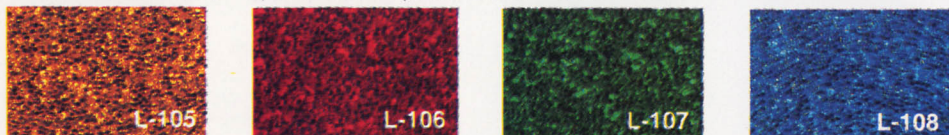
Cortex Contemporaries – Blue Cortex – Red Cortex – Black Cortex – White Cortex – Mahogany Cortex – Butcher Block Cortex



Classic Pearls – Black Diamond – White Marine – Sky Blue – Sparkle Silver



Sparkle Gold – Sparkle Red – Sparkle Green – Sparkle Blue



Ludwig offers you a spectacular selection of 28 different finishes for you to choose from. They include the always popular classic pearl finishes to the exciting new silk colors, the contemporary cortex finishes to the warmth of natural wood.

Furthermore, you can combine any of five sparkle pearl finishes to create your own multi-sparkle pattern as illustrated on page 53. Ludwig drum finishes are the crowning touch to our quality line of drums.



MOLDED DRUM CASES

These cases stand up to the wear and tear of travel, yet keep your drum safe inside. Constructed from tough, durable material which is water repellant and lightweight. One-piece bottom and top shells telescope to adjust to variations in shell depth. Tough luggage-type grip makes carrying this case as easy as carrying a suitcase. Smooth, rounded edges won't snag, catch, or damage clothing, car, or trunk (see photo A).

- No. L-6950** – Set of four cases for 12", 13", and 16" toms and 22" or 24" bass drum.
- No. L-6900** – 8" x 12" tom.
- No. L-6901** – 9" x 13" tom.
- No. L-6905** – 10" x 14", 13" x 14", or 14" x 15" tom.
- No. L-6906** – 12" x 15" tom or parade drum; 14" x 15" tom.
- No. L-6910** – 15" x 16" or 16" x 16" tom.
- No. L-6911** – 16" x 18" tom.
- No. L-6919** – 14" x 18" or 14" x 20" bass.
- No. L-6920** – 14" x 22", 14" x 24", 16" x 22", or 16" x 24" bass.

PROFESSIONAL TRAP CASES

These rugged, heavy-duty cases have metal stripping on all edges, steel corner guards, and a solid five-ply wood bottom. 100% heavy vulcanized fiber throughout. Large oversized caster wheels and steel and molded handles provide easy mobility. Separate cymbal compartment and wide tray for additional accessories (see photo B).

- No. L-8020** – Regular trap case, 27" high, 14½" deep, and 23½" wide.
- No. L-8024** – Oversize trap case, 28½" high, 14½" deep, and 28" wide.
- No. L-8025** – Regular stand and accessory case, 27" high, 8" deep, and 21½" wide.
- No. L-8026** – Oversize stand and accessory case, 32" high, 8½" deep, and 13" wide.

VULCANIZED FIBER CASES

Ludwig's fibercases are made of heavy gauge vulcanized fiber in Ludwig's own factory. They are known for their customized fit, sturdy handles, and rugged web straps (see photo B).

Bass drum fiber cases

- No. L-8687** – 10" x 26" bass.
- No. L-8688** – 10" x 28" bass.
- No. L-6890** – 14" x 20" bass or timp-tom trios nested.
- No. L-6991** – 14" x 22" bass.
- No. L-8680** – 14" x 24" bass.
- No. L-8681** – 14" x 26" bass.
- No. L-8682** – 14" x 28" bass.
- No. L-8683** – 16" x 30" bass.
- No. L-8684** – 16" x 32" bass.
- No. L-8686** – 16" x 36" bass.
- No. L-8678** – 18" x 40" bass.

Tom tom fiber cases

- No. L-8365** – 9" x 10" tom.
- No. L-8366** – 11" x 12" or 8" x 12" tom.
- No. L-8367** – 12" x 13" or 9" x 13" tom.

A.



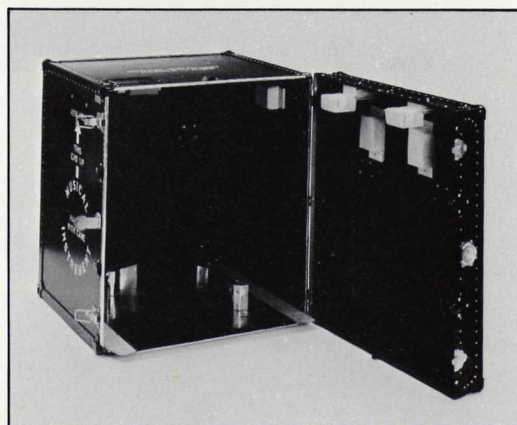
C.



B.



C.



D.

- No. L-8464** – 13" x 14", 10" x 14", or 14" x 14" tom.
- No. L-6672** – 14" x 15" or 12" x 15" tom.
- No. L-8565** – 15" x 16" or 16" x 16" tom.
- No. L-8866** – 16" x 18" tom.
- No. L-8588** – 18" x 20" tom.

Snare/parade drum fiber cases

- No. L-7149** – 3" x 13" snare, round case.
- No. L-7150** – 5" x 14" or 6½" x 14" snare, round case.
- No. L-7154** – 5" x 14" or 6½" x 14" Super-Sensitive snare, square case.
- No. L-7157** – 5" x 14" or 6½" x 14" snare, square case, with separator for stand and sticks.
- No. L-7155** – 10" x 14" or 12" x 15" Super-Sensitive parade drum, square case.
- No. L-6470** – 10" x 14" parade drum, round case.
- No. L-6671** – 12" x 15" parade drum, round case.

Marching timpani fiber cases

- No. L-840** – 20" timpani.
- No. L-841** – 23" timpani.
- No. L-843** – 26" timpani.
- No. L-845** – 29" timpani.

Special fiber cases

- No. L-7150** – 13" and 14" timbales, nested.
- No. L-7156** – Molded hard-shell case for mallets and music, 17½" x 12".
- No. L-8122** – Bongo fiber case.
- No. L-8174** – Fiber case for L-527 shoulder carrier with holder.
- No. L-8888** – Conga fiber case or for L-1027 seat case.

DURA-HYDE DRUM COVERS

Snare drum covers

- No. L-164** – 5" x 14" Super-Sensitive.
- No. L-165** – 6½" x 14" Super-Sensitive.
- No. L-172** – 5" x 14" snare.
- No. L-173** – 6½" x 14" snare.

Tom tom covers

- No. L-175** – 8" x 12" tom.
- No. L-231** – 9" x 10" tom.
- No. L-176** – 9" x 13" tom.
- No. L-232** – 11" x 12" tom.
- No. L-233** – 12" x 13" tom.
- No. L-177** – 14" x 14" tom.
- No. L-234** – 14" x 15" tom.
- No. L-239** – 15" x 16" tom.
- No. L-178** – 16" x 16" tom.
- No. L-179** – 16" x 18" tom.
- No. L-180** – 18" x 20" tom.

Bass drum covers

- No. L-185** – 14" x 20" bass.
- No. L-187** – 14" x 22" bass.
- No. L-188** – 14" x 24" bass.
- No. L-189** – 14" x 26" bass.
- No. L-280** – 14" x 28" bass.
- No. L-235** – 16" x 22" bass.
- No. L-236** – 16" x 24" bass.
- No. L-237** – 16" x 26" bass.
- No. L-238** – 16" x 30" bass.
- No. L-282** – 16" x 32" bass.
- No. L-284** – 16" x 36" bass.
- No. L-285** – 18" x 40" bass.
- No. L-276** – 10" x 26" bass.
- No. L-278** – 10" x 28" bass.

Parade drum covers

- No. L-270** – 10" x 14" parade drum.
- No. L-272** – 12" x 15" parade drum.

Special covers

- No. L-141** – Cover for 24" to 30" gong on stand.
- No. L-142** – Cover for 32" to 36" gong on stand.
- No. L-270** – Cover for two timbales.
- No. L-286** – Cover for one conga or for L-1027 seat case.

MALLET INSTRUMENT FIBER CASES

Custom fiber cases for keyboards, resonators, and frames offer maximum protection and portability for your Musser instrument. They are constructed of heavy gauge vulcanized fiber with metal reinforcement on all corners and special "shock" mountings and support blocks inside where necessary (see photo C).

Vibe cases

- No. M-141** – Five-case set for M-75.
- No. M-149** – Three-case set for M-55.
- No. M-180** – Two-case set for M-44.

Xylophone cases

- No. M-146** – Three-case set for M-51.
- No. M-147** – Single case for M-42.

Marimba cases

- No. M-135** – Two-case set for M-61.
- No. M-136** – Three-case set for M-31.
- No. M-144** – Three-case set for M-300.
- No. M-148** – Five-case set for M-250.
- No. M-155** – Five-case set for M-350.

Marching bell/xylophone cases

- No. M-175** – Two-case set for M-65 w/carrier.
- No. M-176** – Two-case set for M-66 w/carrier.
- No. M-177** – Three-case set for M-67 w/resonators and carrier.
- No. M-179** – Two-case set for M-69 w/carrier.

MALLET INSTRUMENT VINYL COVERS

Heavy-duty, fleece-lined vinyl covers are tailored to fit each keyboard with a 6" drop.

- No. M-167** – Cover for M-75 vibe.
- No. M-165** – Cover for M-55 vibe.
- No. M-172** – Cover for M-44 vibe.
- No. M-164** – Cover for M-51 xylophone.
- No. M-162** – Cover for M-42 xylophone.
- No. M-171** – Cover for M-350 marimba.
- No. M-169** – Cover for M-250 marimba.
- No. M-161** – Cover for M-300 marimba.
- No. M-170** – Cover for M-31 marimba.
- No. M-166** – Cover for M-61 marimba.
- No. M-637** – Cover for M-661 or M-665 chimes.
- No. M-636** – Cover for M-635 chimes.
- No. M-188** – Set of two carrying bags for M-65 or M-69 bells.
- No. M-186** – Set of three carrying bags for M-67 xylophone w/resonators.
- No. M-185** – Set of two carrying bags for M-66 xylophone.
- No. M-187** – Set of three carrying bags for M-68 marimba.

CUSTOM-MADE TIMPANI TRUNKS

Ludwig is the only percussion manufacturer in the world which makes its own custom-fitted timpani trunks. Five-ply wood panels, galvanized steel bottom for easy roll-in, and heavily padded holding blocks keep your timpani safe and secure. Extra-strong steel corners and edges are built to take a beating! (See photo D).

Ringer timpani trunks

- No. L-2600** – Trunk for 52 cm. kettle.
- No. L-2605** – Trunk for 58 cm. kettle.
- No. L-2610** – Trunk for 64 cm. kettle.
- No. L-2615** – Trunk for 72 cm. kettle.
- No. L-2625** – Trunk for 78 cm. kettle.

Professional/Standard timpani trunks

- No. L-1621** – Trunk for 20" kettle.
- No. L-1626** – Trunk for 23" kettle.
- No. L-1631** – Trunk for 26" kettle.
- No. L-1641** – Trunk for 29" kettle.
- No. L-1636** – Trunk for 32" kettle.

Dresden model timpani trunks

- No. L-1620** – Trunk for 20" kettle.
- No. L-1625** – Trunk for 23" kettle.
- No. L-1630** – Trunk for 26" kettle.
- No. L-1640** – Trunk for 29" kettle.
- No. L-1635** – Trunk for 32" kettle.

Universal model timpani trunks

- No. L-1623** – Trunk for 20" kettle.
- No. L-1628** – Trunk for 23" kettle.
- No. L-1633** – Trunk for 26" kettle.
- No. L-1643** – Trunk for 29" kettle.
- No. L-1638** – Trunk for 32" kettle.

Machine model timpani trunks

- No. L-1624** – Trunk for 20" kettle.
- No. L-1629** – Trunk for 23" kettle.
- No. L-1634** – Trunk for 26" kettle.
- No. L-1644** – Trunk for 29" kettle.
- No. L-1639** – Trunk for 32" kettle.

TIMPANI DROP COVERS

Full drop covers

- No. L-144** – Cover for 20" kettle.
- No. L-145** – Cover for 23" kettle.
- No. L-131** – Cover for 26" kettle.
- No. L-135** – Cover for 29" kettle.
- No. L-147** – Cover for 32" kettle.

Shallow drop covers

- No. L-196** – Cover for 20" kettle.
- No. L-197** – Cover for 23" kettle.
- No. L-198** – Cover for 26" kettle.
- No. L-199** – Cover for 29" kettle.
- No. L-200** – Cover for 32" kettle.

All specifications subject to change without notice or obligation.



MUSSEr

Ludwig[®]
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Ludwig Industries, Inc.
A Selmer Company
Post Office Box 310
Elkhart, Indiana 46515 - U.S.A.