PUBLICATION SC511

EFFECTIVE FEB. 5, 1962

Impartial acoustical authorities agree overwhelmingly that the only valid basis for a comparative evaluation of loudspeaker systems is a personal listening test. JBL dealers are equipped to provide comparative evaluation tests between various sound systems using program material familiar to the listener. We suggest that serious music lovers visit the shop of an audio component specialist with such facilities available and let their own ears be the ultimate judge.

JBL LOUDSPEAKERS AND LOUDSPEAKER SYSTEMS

James B. Lansing Sound, Inc., 3249 Casitas, Los Angeles 39, California

LITHO IN U.S.A.

James B. Lansing Sound, Inc., Los Angeles 39, California

The precision high fidelity loudspeaker systems and acoustical enclosures shown in this catalog have achieved world renown. They are unquestionably the finest which can be made. A JBL precision transducer is more than just a good loudspeaker. It is a device made to the standards customarily associated with scientific laboratory instruments. JBL quality workmanship is immediately apparent to the eye. To the ear it offers sound so clean and pure that it is always fresh...sound of a quality that will provide a lifetime of listening pleasure.

To further enhance your investment, James B. Lansing Sound, Inc., backs all JBL products with an unlimited warranty. JBL will repair or replace without charge, at any time during the life of the product, any unit whose performance is impaired by a cause beyond the control of the owner but within the responsibility of James B. Lansing Sound, Inc.

JBL maintains a staff of technical experts who are available to answer any question you may have pertaining to music reproducing systems. Detailed technical information on all JBL products, instructions for building in, for mounting JBL speakers in acoustical enclosures, and how to connect multiple-driver systems are available from this same source. Address your inquiry to the Technical Service Department, James B. Lansing Sound, Inc., Los Angeles 39, California.

EXTENDED RANGE SPEAKERS



JBL D130 15"

Impedance	*16 ohms*
Power capacity	*25 watts*
Frame	*rigid cast aluminum*
Outside diameter	*15¼"*
Depth	*5-9/16"*
Baffle hole diameter	*13½"*
Magnetic assembly	*11 lbs.*
Shipping weight	*22½ lbs.*
User net	**$102.00**

Acknowledged to be the outstanding extended-range loudspeaker made! A maximum efficiency 15" loudspeaker with a 4" edgewound aluminum ribbon voice coil. Used alone, the D130 delivers full-bodied performance. At any time, the 075 or 175DLH high frequency transducer can be added to make a perfectly balanced two-way system with even greater clarity and brilliance. For use in horn-loaded or reflex enclosures.



JBL D131 12"

Impedance	*16 ohms*
Power capacity	*25 watts*
Frame	*rigid cast aluminum*
Outside diameter	*12⅛"*
Depth	*4⅝"*
Baffle hole diameter	*11"*
Magnetic assembly	*11 lbs.*
Shipping weight	*21 lbs.*
User net	**$96.00**

Identical to the D130 except for outer diameter. The only 12" loudspeaker with a 4" edgewound aluminum ribbon voice coil.

EXTENDED RANGE SPEAKERS



JBL D123 12"

An outstanding 12" maximum efficiency loudspeaker designed especially for installation in compact enclosures. The D123 is also often used in built-in wall installations. It is shallow enough to mount in walls or ceilings of normal depth. Has 3" edgewound aluminum voice coil and aluminum high frequency center dome. The D123 matches perfectly with the 075 high frequency transducer to make an extremely popular 2-way system... the 075 can, of course, be added at any time.

Impedance	*16 ohms*	*Depth*	*3-23/32"*
Power capacity	*20 watts*	*Baffle hole diameter*	*11"*
Frame	*rigid cast aluminum*	*Magnetic assembly*	*6 lbs.*
Outside diameter	*12-5/32"*	*Shipping weight*	*12 lbs.*
		User net	**$72.00**



JBL D208 and D216

8-inch versions of the famous D130. These compact speakers are noted especially for bright, clear mid-range. Less than 3" deep, they are maximum efficiency units designed for general usage or for extension speakers where high quality is desired. 2-inch edgewound aluminum ribbon voice coil and aluminum high frequency center dome.

Impedance	*D216, 16 ohms* *D208, 8 ohms*	*Depth*	*2⅛"*
Power capacity	*12 watts*	*Baffle hole diameter*	*7"*
Frame	*rigid cast aluminum*	*Magnetic assembly*	*3½ lbs.*
Outside diameter	*8"*	*Shipping weight*	*6 lbs.*
		User net	**$36.00**

The high efficiency loudspeakers shown on pages 1-3 are designed to deliver best results when installed in reflex or horn-loading enclosures. Loudspeakers intended for use in closed boxes or "infinite baffles" are shown following page 8 under "JBL Linear-Efficiency Systems".

LOW FREQUENCY DRIVERS



JBL 130A and 130B 15"

Maximum efficiency low frequency loudspeakers designed primarily for use with the 175DLH high frequency assembly. The 130A and 130B have 4" edgewound copper ribbon voice coils and long magnetic gaps for crisp reproduction of bass tones. Normally, a single 130A is used together with the 175DLH and N1200 dividing network. In larger enclosures where two bass drivers can be installed, two 130B's make the proper match to the N1200 and 175DLH. For reflex or horn-loaded enclosures.

Impedance	*130A, 16 ohms* *130B, 32 ohms*	*Outside diameter*	*15¼"*
Power capacity	*25 watts*	*Depth*	*5-9/16"*
Free air cone resonance	*29 cps*	*Baffle hole diameter*	*13⅛"*
Frame	*rigid cast aluminum*	*Magnetic assembly*	*11½ lbs.*
		Shipping weight	*23 lbs.*
		User net	**$96.00**



JBL 150-4 and 150-4C

Powerful maximum efficiency low frequency drivers used in professional installations of the highest quality. A single 150-4C, or a pair of 150-4's, combine with the 375 high frequency driver to make a two-way loudspeaker system of truly impressive capabilities. These bass drivers feature 4" edgewound copper ribbon voice coils and rigid straight-sided cone assemblies for true piston action throughout their operating range. Designed for crossover at 500 cps or lower.

Impedance	*150-4C, 16 ohms* *150-4, 32 ohms*	*Outside diameter*	*15¼"*
Power capacity	*30 watts*	*Depth*	*6-1/16"*
Free air cone resonance	*27 cps*	*Baffle hole diameter*	*13⅛"*
Frame	*rigid cast aluminum*	*Magnetic assembly*	*12 lbs.*
		Shipping weight	*25 lbs.*
		User net	**$138.00**

HIGH FREQUENCY DRIVERS AND HORNS



JBL 075

Designed for two-way systems crossing over at 2500 cps or higher. Uses the exclusive JBL annular diaphragm for flat response well beyond the limits of human hearing. Beautifully machined.

Impedance ..... *16 ohms*
Power capacity, 20 watts above 2500 cps
Shipping weight ..... *6 lbs.*
User net **$63.00**



JBL 175DLH

Designed for two-way systems crossing over at 1200 cps or higher. This assembly consists of a precision driver with hydraulically formed aluminum diaphragm, machined exponential horn, and exclusive JBL acoustic lens.

Impedance ..... *16 ohms*
Power capacity, 25 watts above 1200 cps
Shipping weight ..... *12 lbs.*
User net **$129.00**
175 driver alone **$96.00**



JBL 275 DRIVER

This new driver is a more massive version of the well-known JBL 175. Newly designed magnetic circuit with increased gap energy results in improved linearity at highest audio frequencies. For 2-way systems crossing over at 600 cps.

Impedance ..... *16 ohms*
Power capacity, 25 watts above 500 cps
Shipping weight ..... *15 lbs.*
User net **$132.00**



JBL 375 DRIVER

Originally designed for premium theater installations, the JBL 375 is acknowledged to be the ultimate for reproduction of midrange and highs. Steep wavefronts of explosive loudness are taken in stride by the powerful magnet and 4" diaphragm.

Impedance ..... *16 ohms*
Power capacity, 60 watts above 300 cps
Shipping weight ..... *32 lbs.*
User net **$228.00**

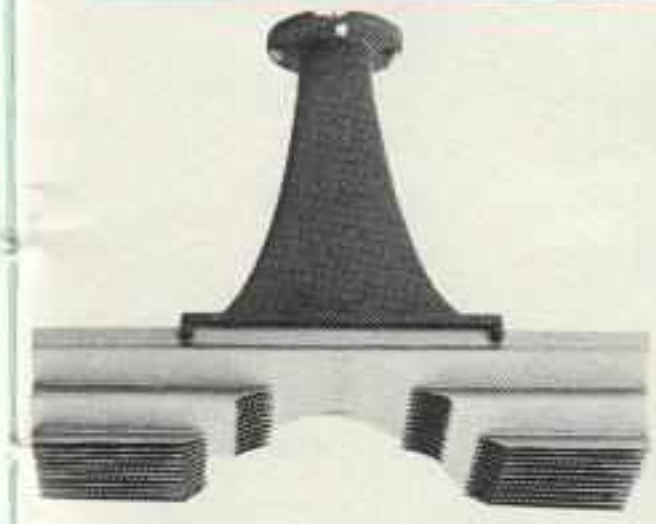
HIGH FREQUENCY HORNS



JBL 537-500

Cast aluminum exponential horn of circular cross section with acoustic lens for 70° dispersion in circular symmetry. Used with 375 Driver in JBL systems crossing over at 500 cps.

Shipping weight ..... *37 lbs.*
User net **$102.00**



JBL 537-509

Cast aluminum exponential horn of rectangular cross section with acoustic lens for 100° horizontal dispersion. Used with 375 Driver in JBL systems crossing over at 500 cps.

Shipping weight ..... *17 lbs.*
User net **$99.00**
User net (H5039 Horn only) **$48.00**



JBL H5040

Cast aluminum exponential horn. Used with 175 and 275 Drivers in JBL systems crossing over at 600 cps and above. Designed primarily for JBL-Ranger Metregon.

Shipping weight ..... *5 lbs.*
User net **$39.00**



JBL H5041

Cast aluminum exponential horn for 375 driver in JBL 500 cps crossover systems. H5041 is used in JBL-Ranger METREGON.

Shipping weight ..... *9 lbs.*
User net **$42.00**

DIVIDING NETWORKS



The dividing networks on this page are constructed of highest quality precision components, hand wired and individually checked to meet precision component tolerances. A 3 position switch allows the intensity of the high frequency transducer to be adjusted for optimum results in any acoustic surroundings. Case measures 4-3/4" x 6" x 6-1/4". Attenuation, 12 db per octave on each side of crossover frequency when used with recommended JBL transducers.

JBL N400

Used with JBL 150-4 or 150-4C bass drivers and 375 high frequency driver.

Crossover frequency	*500 cps*
Impedance	*16 ohms*
Shipping weight	*10 lbs.*
User net	**$84.00**

JBL N600

Used with JBL 130A or 130B bass drivers and 275 high frequency driver.

Crossover frequency	*600 cps*
Impedance	*16 ohms*
Shipping weight	*9½ lbs.*
User net	**$60.00**

JBL N1200

Used with 130A or 130B bass drivers and 175DLH high frequency assembly.

Crossover frequency	*1200 cps*
Impedance	*16 ohms*
Shipping weight	*9 lbs.*
User net	**$42.00**



JBL N500

Designed primarily for theater systems using 150-4 or 150-4C bass drivers and 375 high frequency driver. Distortionless even at high power levels and has extremely low insertion loss. High frequency attenuation adjusted by strapping bar in four 1 db steps. Impedance, 16 ohms. Attenuation, 12 db on each side of 500 cps crossover. Case measures 6" x 8" x 6". Shipping weight, 16 lbs. User net, **$93.00**

DIVIDING NETWORKS



These precision networks are mounted on a cast aluminum escutcheon for easy installation in a single hole cut in the mounting board. A continuously variable control is provided for adjustment of high frequency intensity. Case measures 4-3/4" x 6" x 3-1/2". Attenuation, 12 db per octave on each side of crossover frequency when used with recommended JBL transducers.

JBL N2600

Used with one or two extended range loudspeakers (JBL D130, D131, D123, or D216) and 075 high frequency transducer.

Crossover frequency	*2500 cps*
Input impedance	*16 ohms*
Output impedance	*16 or 32 ohms (switch-selected at HF or LF posts)*
Shipping weight	*3¾ lbs.*
User net	**$27.00**

JBL N2400

Identical to N2600 except without dual impedance switches. For use with single extended range loudspeaker and 075 high frequency transducer.

User net	**$24.00**

JBL N7000

Provides a means of adding the 075 to high-quality two-way loudspeaker systems for professional monitoring applications. Extends the upper range of any 16 ohm two-way loudspeaker system beyond the limit of human audibility.

Crossover frequency	*7000 cps*
Impedance	*16 ohms*
Shipping weight	*3 lbs.*
User net	**$27.00**

All JBL dividing networks use circuits carefully designed to provide an imperceptible transition from low to high frequency transducers. Each network is specifically engineered to match the characteristics of the JBL transducers with which it is used. Individual components of every network are checked against rigid standards of accuracy.

LINEAR EFFICIENCY

JBL LINEAR EFFICIENCY LOUDSPEAKERS AND LOUDSPEAKER SYSTEMS

JBL Linear-Efficiency transducers, the result of imaginative engineering and extensive research, are a unique combination of long linear cone travel and conversion efficiency. Lengthy cone excursion produces profound bass response in an acoustical enclosure of moderate dimensions. Relatively high efficiency for this type of speaker is the result of precision manufacture, advanced magnetic circuit design, and large voice coil diameter. The Linear-Efficiency speakers shown on the following pages are not interchangeable with the maximum efficiency speakers shown on the preceding pages of this catalog. Maximum efficiency speakers are designed for use in exponentially-tapered horn and bass reflex enclosures. Transducers in the Linear-Efficiency group deliver optimum performance when mounted in totally enclosed, or, at the option of the user, in some circumstances, port-loaded enclosures. Each group is capable of remarkably realistic music reproduction and will have its partisans among discerning listeners.

EXTENDED RANGE SPEAKERS



JBL LE8

A full-range loudspeaker assembly which achieves smooth, extended response never before realized in a unit only 8" in diameter. The performance of the LE8 in an enclosure only one cubic foot in volume cannot be approached by any other single loudspeaker ever produced.

Impedance	*16 ohms*	*Frame*	*rigid cast aluminum*
Power capacity	*20 watts*	*Magnetic assembly*	*6½ lbs.*
Baffle hole diameter	*Front mtg. 7⅛"*	*Shipping weight*	*11 lbs.*
	Rear mtg. 7"	*User net*	**$66.00**



JBL LE14C COMPOSITE TRANSDUCER

Although the LE14C has a radiating cone area equal to that of many 15" speakers; yet, with its unique stepped-frame design, it may be installed in enclosures which ordinarily would accept nothing larger than a 12" unit. The larger aperture in the 4" diameter copper ribbon voice coil of the bass transducer permits concentrically mounting an independently-driven high frequency radiator which is coordinated and properly phased by a separate crossover network. The network is in a die-cast, black, aluminum case. The LE14C is designed for enclosures with from two cubic foot content on up. It may be used satisfactorily with any commercially available amplifier.

System input impedance	*16 ohms*	*Frame*	*rigid cast aluminum*
Low frequency voice coil diameter	*4"*	*Baffle hole diameter—*	
Power capacity (with associated network)	*30 watts continuous program*	*front mtg.*	*12-13/32"*
		rear mtg.	*12⅞"*
Free air resonance, bass cone	*25 cps*	*Shipping weight, LE14C and network*	*24 lbs.*
Crossover frequency	*1200 cps*	*User net*	**$150.00**
High frequency attenuation	*continuously variable*		

LOW FREQUENCY SPEAKERS



JBL LE10A

3" edgewound copper ribbon voice coil. *Lans-a-loy* cone surround. Rigid piston cone. Can generate powerful bass fundamentals in enclosures as small as one cubic foot.

Impedance	*16 ohms*	*Frame*	*rigid cast aluminum*
Power capacity	*30 watts*	*Free air cone resonance*	*15 cps*
Baffle hole diameter	*Front mtg. 9⅛"*	*Magnetic assembly*	*6 lbs.*
	Rear mtg. 9"	*Shipping weight*	*15 lbs.*
		User net	**$57.00**



JBL LE15A

A powerful transducer capable of reproducing lowest musical fundamentals at concert hall intensity. Delivers solid, firm bass in closed cabinets of 6-8 cubic feet internal volume. Designed for use with LE75 or LE85 high frequency drivers and LX5 dividing network.

Impedance	*16 ohms*	*Frame*	*rigid cast aluminum*
Power capacity	*60 watts*	*Free air cone resonance*	*20 cps*
Baffle hole diameter	*Front mtg. 13½"*	*Magnetic assembly*	*19½ lbs.*
	Rear mtg. 13½"	*Shipping weight*	*26 lbs.*
		User net	**$129.00**

The LE15A can be mounted from the front of the baffle by using the MA15 installation kit. User net, **$1.80**



JBL LE20

A wide range, efficient, husky, new direct-radiator high frequency unit, the LE20 is exceptionally versatile. It can be used to augment high frequency reproduction of most extended range speakers. The LE20 may also be used as a high frequency reproducer with many low frequency drivers. To serve such a wide range of applications it must be used with its associated network, the JBL LX2, which has two separate controls, one allows selection of three crossover frequencies, the other is a continuous level adjustment for the high frequency driver.

Nominal impedance	*8 to 16 ohms*	*Shipping weight*	*3 lbs.*
Baffle hole diameter	*4-3/16"*	*User net*	**$33.00**

HIGH FREQUENCY DRIVERS



JBL LE30

This beautifully crafted assembly complements the LX3-1 network to reproduce high frequencies with mirror-like clarity. These two components combine with the LE10A low frequency loudspeaker to make the S5 two-way Linear Efficiency system.

Impedance	*16 ohms*
Power capacity with LX3-1	*30 watts*
Shipping weight	*4 lbs.*
User net	**$57.00**

Use only with LX3-1 network.



JBL LE75

Designed for use with the HL91 horn-lens in two-way Linear Efficiency systems. Reproduces the audio spectrum above 500 cps with every tonal coloration a perfect replica of the original. This high frequency driver is used in the JBL S6 loudspeaker system.

Impedance	*16 ohms*
Power capacity	*25 watts above 500 cps with HL91*
Shipping weight	*10 lbs.*
User net	**$114.00**



JBL LE85

Used with the HL91 horn-lens assembly, the LE85 achieves high frequency performance truly linear from 500 cps to beyond the upper limits of audibility. Highs are clean, silky, utterly transparent. Percussive sounds and high intensity transients are dramatically re-created with verbatim accuracy.

Impedance	*16 ohms*
Power capacity	*25 watts above 500 cps with HL91*
Shipping weight	*15 lbs.*
User net	**$144.00**

DIVIDING NETWORKS



JBL LX2

This is the network used to match the LE20 to its low frequency counterpart. It has variable crossover, attenuator, and reactance that adapts to speakers within 8-16 ohms impedance range. Mounting flange is an accessory.

Input impedance ..... *8 to 16 ohms*
Crossover points
1500, 3000, 6000 cps
Shipping weight ..... *2½ lbs.*
User net **$15.00**
F2 mounting flange **$3.00**



JBL LX3-1

Must be used with the LE30 high frequency transducer. A continuously variable control allows the intensity of the LE30 to be balanced with the low frequency speaker. Used in the S5 system.

Impedance ..... *16 ohms*
Shipping weight ..... *3 lbs.*
User net **$21.00**



JBL LX5

Designed especially to integrate the characteristics of the LE75 or LE85 high frequency driver to those of the LE15A low frequency loudspeaker. Used in JBL S6, S7, and S8 Linear Efficiency systems.

Crossover frequency ..... *500 cps*
Impedance ..... *16 ohms*
Shipping weight ..... *10 lbs.*
User net **$75.00**

JBL LX6

Dividing network used in S9 and S10 systems in the Opus, C52. Same as LX5, except providing greater high frequency attenuation.

User net **$75.00**

HIGH FREQUENCY HORNS



JBL HL91

Cast aluminum exponential horn with slant-plate acoustic lens for use with LE75 or LE85 driver. Precise configuration of lens distributes all high frequencies over 120° horizontal angle, 45° vertical angle.

Shipping weight ..... *6 lbs.*
User net **$39.00**

JBL L92

Gold colored acoustical lens used in the JBL Opus, C52.

Shipping weight ..... *1 lb.*
User net **$21.00**

JBL HL93

Similar to the HL91, but designed for use with JBL 375 driver. This combination is used in the JBL S8 two-way Linear Efficiency system.

Shipping weight ..... *6 lbs.*
User net **$54.00**

JBL ENCLOSURE ADAPTOR KITS

Loudspeakers and loudspeaker systems cannot be installed in JBL enclosures without the appropriate adaptor kits, as shown in the enclosure price charts. The adaptor kits not only provide the proper size openings for mounting the speaker components, they also establish the acoustic design of the enclosure as reflex, ducted port, or closed cabinet, to bring out the full capabilities of the particular loudspeakers installed.

SPECIAL FINISHES

Any JBL enclosure can be ordered specially finished to match a sample submitted by you. If our craftsmen feel that it is possible to match such a sample, the price of a specially-finished enclosure is User Net plus 10%. Most JBL enclosures can also be supplied unfinished at the listed User Net Price less 6%.

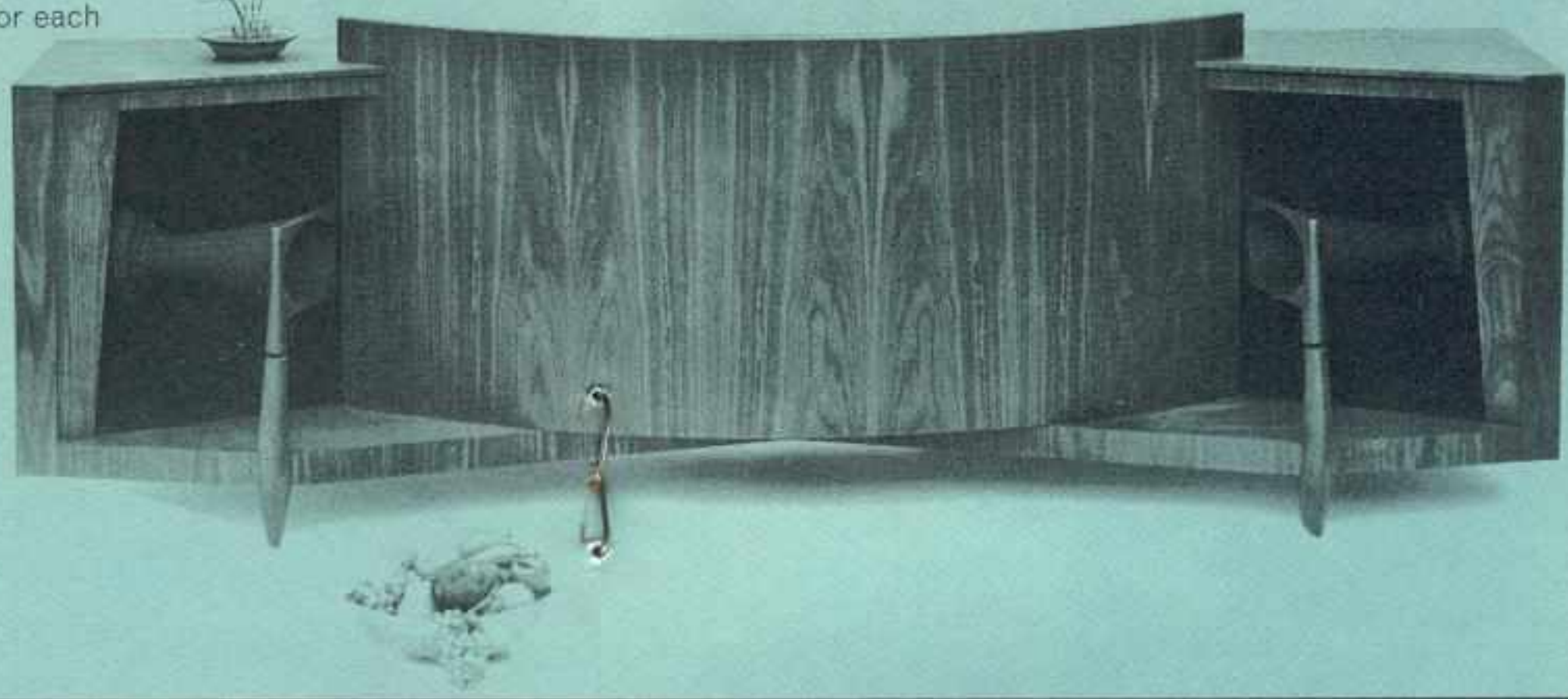
For professional applications, enclosures can be supplied in satin gray finish at the User Net Price.

JBL-Ranger **PARAGON** *stereo reproducer*

MODEL D44000

Finest of stereophonic speaker systems, the PARAGON was developed to provide a master monitor in perfecting stereophonic recordings. The exclusive convex acoustic refractor panel creates the startling realism of stereophonic sound for each listener in the room, regardless of location. Furnished in Dark Mahogany, Tawny Walnut, Oiled Walnut, or Ebony.

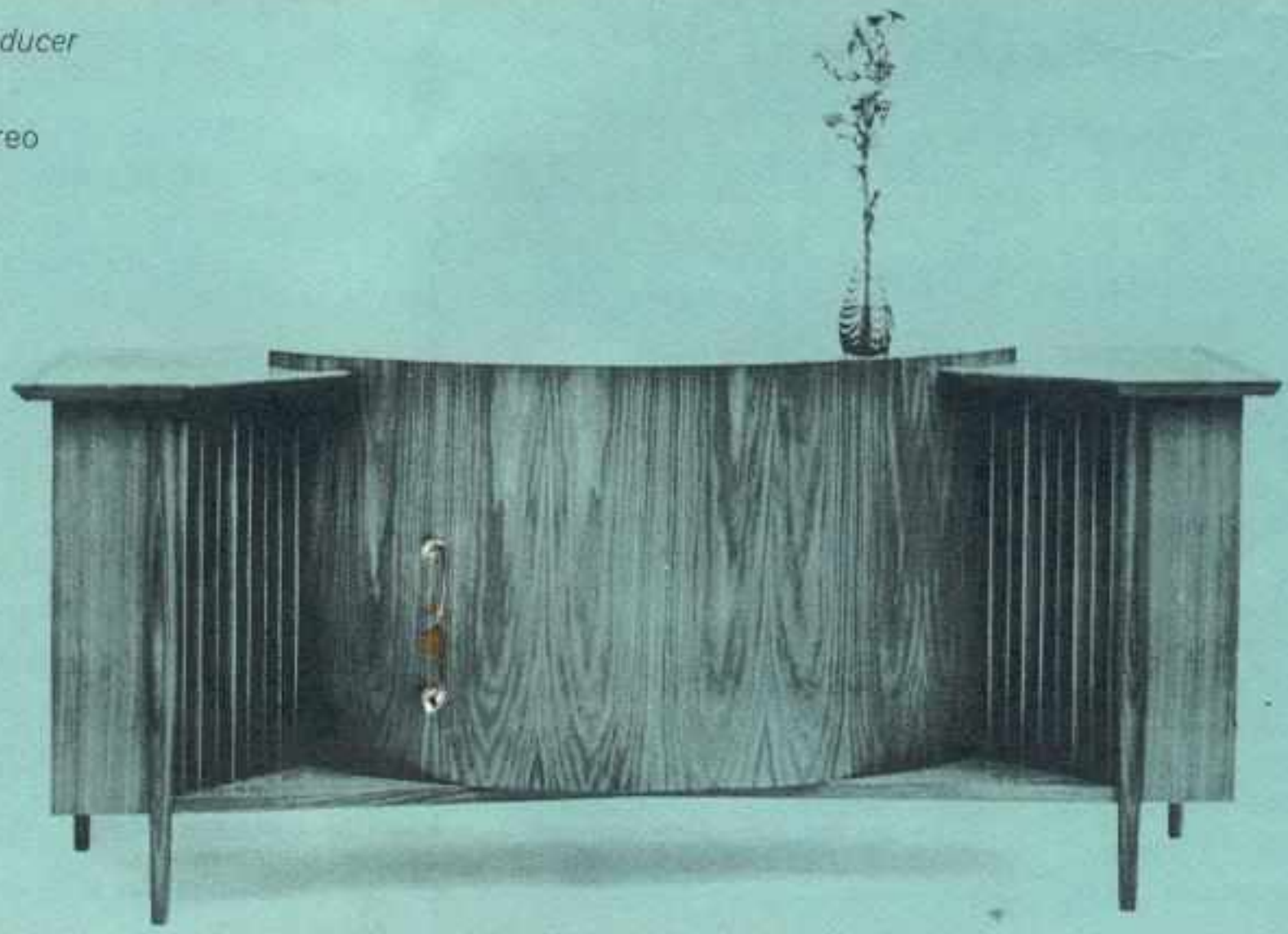
Height ..... 35¼"
Width ..... 103⅝"
Depth ..... 24-1/16"
User net (complete system) **$2250.00**



JBL-Ranger **METREGON** *stereo reproducer*

The METREGON is a unique reproducer which offers full-field stereo reproduction from an enclosure of moderate size. The METREGON houses two matched loudspeaker systems, carefully oriented with respect to the curved acoustic refractor panel. The result is a full-dimensional sound stage six feet wide. There is no "hole in the middle" no "split soloist" to mar the illusion of a live performance. A variety of JBL speaker systems can be installed as outlined in the chart on page 16. Furnished in Tawny Walnut, Oiled Walnut, Mahogany, and Ebony.

Height ..... 30"
Width (top) ..... 73-11/16"
Depth ..... 22½"
User Net (Enclosure Only) **$594.00**



(See Price Chart on page 16)

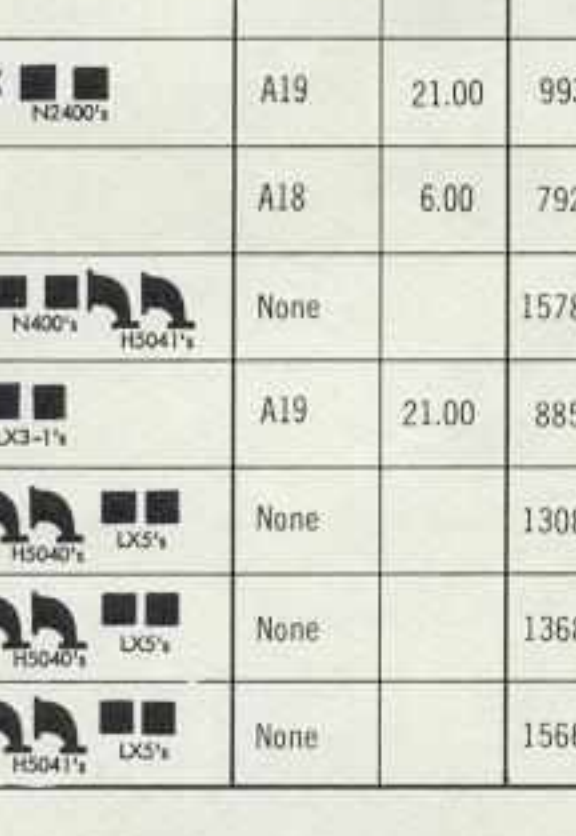
PRICE CHART C45 METREGON

SPEAKER SYSTEM	SPEAKER SYSTEM PRICE	SPEAKER SYSTEM COMPONENTS	ADAPT. KIT REQ'D	ADAPT. KIT PRICE	TOTAL PRICE OF SYSTEM INSTALLED IN C45 ENCL'S'RE
201	546.00	130A's, 175's, N1200's, H5040's	None		1140.00
202	318.00	D123's, 075's, N2400's	A19	21.00	933.00
203	204.00	D130's	A18	6.00	804.00
205	654.00	130A's, 275's, N600's, H5040's	None		1248.00
223	144.00	D123's	A18	6.00	744.00
230	378.00	D130's, 075's, N2400's	A19	21.00	993.00
231	192.00	D131's	A18	6.00	792.00
282	984.00	150-4C's, 375's, N400's, H5041's	None		1578.00
S52	270.00	LE10A's, LE30's, LX3-1's	A19	21.00	885.00
S62	714.00	LE15A's, LE75's, H5040's, LX5's	None		1308.00
S72	774.00	LE15A's, LE85's, H5040's, LX5's	None		1368.00
S82	972.00	LE15A's, 375's, H5041's, LX5's	None		1566.00

THE HARTSFIELD
Model D30085

The awe-inspiring sound from this front-loaded folded corner horn is generated by the 150-4C and 375 professional drivers. The HARTSFIELD is found in homes of the musically influential all over the world. Furnished in Mahogany, Tawny Walnut, and Oiled Walnut.

User net (complete system) . . **$993.00**



JBL C34

A rear-loading horn which can be used in a corner or freestanding. Folded within moderate dimensions is a 6-foot exponentially tapered horn to bring you the lowest octave of music, accurately and smoothly. With the 001 two-way system installed the C34 makes an outstanding reproducer, widely used for professional monitoring applications. Available in Mahogany, Korina, Tawny Walnut, Oiled Walnut, and Ebony.

Height . . . . . *39¾"* *Depth* . . . . . *23⅜"*
Width . . . . . *23¾"* *User net* . . . **$201.00**



The C40 enclosure is available in right or left hand versions for matched stereo sets. Loudspeakers cannot be installed without appropriate adaptor kits, as shown in the chart below.

JBL C40 HARKNESS

Identical in performance to the C34, but designed as a graceful lowboy enclosure.

Height . . . . . *28¾"*
Width . . . . . *37⅞"*
Depth . . . . . *20"*
User net . . . **$201.00**



PRICE CHART C34 and C40

SPEAKER SYSTEM	SPEAKER SYSTEM PRICE	SPEAKER SYSTEM COMPONENTS	ADAPT. KIT REQ'D	ADAPT. KIT PRICE	TOTAL PRICE OF SYSTEM INSTALLED IN C34 OR C40 ENCL'S'RE
D123	72.00	D123	A20	6.00	279.00
D131	96.00	D131	A20	6.00	303.00
D130	102.00	D130	A20	6.00	309.00
001	267.00	130A, 175DLH, N1200	None		468.00
002	162.00	D123, 075, N2600	A20	6.00	369.00
030	192.00	D130, 075, N2600	A20	6.00	399.00

CONSTRUCTION DRAWINGS

Detailed construction drawings are available for most JBL enclosures.
These may be ordered from your JBL Audio Specialist at $3.00 per set. Drawings for the HARTSFIELD are $7.50 per set. Drawings for the PARAGON, METREGON, and MINIGON are not available.
If you need help in designing an enclosure to fit a particular space, the JBL Technical Service Department will be happy to work out construction details with you.

PRICE CHART C35, C37 and C39

SPEAKER SYSTEM	SPEAKER SYSTEM PRICE	SPEAKER SYSTEM COMPONENTS	ADAPT. KIT REQ'D	ADAPT. KIT PRICE	TOTAL PRICE OF SYSTEM INSTALLED IN ENCLOSURE		
					C35	C37	C39
D123	72.00	D123	A21	6.00	228.00	234.00	279.00
D131	96.00	D131	A21	6.00	252.00	258.00	303.00
D130	102.00	D130	A21	6.00	258.00	264.00	309.00
001	267.00	130A, 175DLH, N1200	None		417.00	423.00	468.00
002	162.00	D123, 075, N2600	A21	6.00	318.00	324.00	369.00
030	192.00	D130, 075, N2600	A21	6.00	348.00	354.00	399.00
LE14C	150.00	LE14C, LX2-1	A24	6.00	306.00	312.00	357.00

JBL C35, C37, and C39



C35
Height *38½*
Width *23⅞*
Depth *16*
User net **$150.00**

These popular enclosures are identical in performance. They are carefully engineered to complement the characteristics of JBL speakers. With appropriate adaptor kits (as listed in the chart at left) these units will accommodate either extended range loudspeakers or two-way systems.
Loudspeakers cannot be installed without the required adaptor kit.

These enclosures are most often used with the D130 or D123 extended-range speakers, or with the 001, 002, or 030 two-way systems. The C35, C37, C39 are supplied in Mahogany, Korina, Tawny Walnut, Oiled Walnut, and Ebony.



C37
Height *28⅞*
Width *36*
Depth *16*
User net **$156.00**



C39
Height ... *31-9/16*
Width *35½*
Depth *23⅞*
User net **$201.00**

JBL C36 and C38

These compact enclosures are identical in performance and will accept a variety of JBL speakers and two-way systems. With the D123, 002, or S5 system installed, they make extremely popular stereo pairs. Like all JBL enclosures, the C36 and C38 feature lock-mitred wood-welded construction and beautiful hand-rubbed furniture finishes.
Furnished in Mahogany, Korina, Tawny Walnut, Oiled Walnut, and Ebony.

Available in right or left hand versions for matched stereo sets. Loudspeakers cannot be installed without appropriate adaptor kits, as shown in chart below.



C36 *Height* ..... 28¾"
Width ..... 19⅜"
Depth ..... 15⅛"
User net **$93.00**

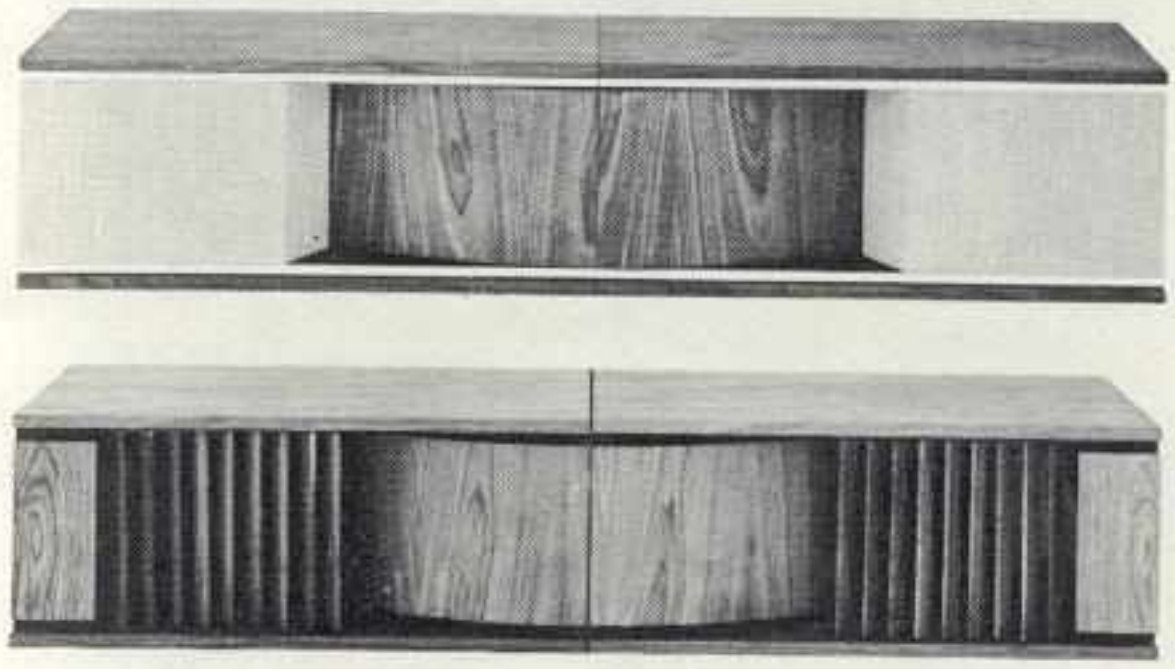


C38 *Height* ..... 24¾"
Width ..... 23¾"
Depth ..... 15⅛"
User net **$93.00**

PRICE CHART C36 and C38

SPEAKER SYSTEM	SPEAKER SYSTEM PRICE	SPEAKER SYSTEM COMPONENTS	ADAPT. KIT REQ'D	ADAPT. KIT PRICE	TOTAL PRICE OF SYSTEM INSTALLED IN C36 OR C38 ENCL'S'RE
D208 D216	36.00	D208 or D216	A22	6.00	135.00
D123	72.00	D123	A22	6.00	171.00
D131	96.00	D131	A22	6.00	195.00
D130	102.00	D130	A22	6.00	201.00
LE8	66.00	LE8	A22	6.00	165.00
001	267.00	130A 175DLH N1200	A22	6.00	366.00
002	162.00	D123 075 N2600	A22	6.00	261.00
030	192.00	D130 075 N2600	A22	6.00	291.00
S5	135.00	LE10A LE30 LX3-1	A11	6.00	234.00
LE14C	150.00	LE14C LX2-1	A24	6.00	249.00

C46 *JBL-Ranger* MINIGON



Evolved from the famous JBL-Ranger PARAGON and the popular METREGON, the MINIGON gives full-field stereo coverage through the patented radial refraction system. With S5 systems installed, a pair of MINIGONS makes a compact stereo speaker system of outstanding quality. Furnished in Mahogany, Tawny Walnut, Oiled Walnut and Ebony.

The MINIGON is available with either of the snap-on grilles shown.

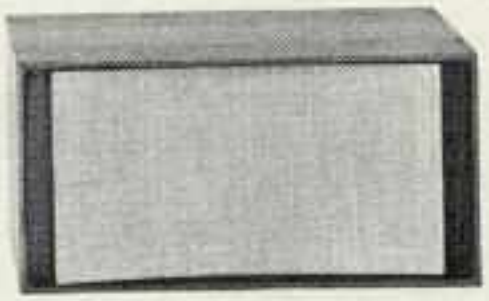
When ordered as a stereo pair, enclosures will be produced together and shipped in a single container. When single units are ordered, right hand or left hand must be specified.

Single unit:
Height ..... 12⅛"
Width ..... 32"
Depth ..... 15¾"
User net ..... *Left* **$126.00**
Right **$126.00**

PRICE CHART C46 MINIGON

SPEAKER SYSTEM	SPEAKER SYSTEM PRICE	SPEAKER SYSTEM COMPONENTS	ADAPT. KIT REQ'D	ADAPT. KIT PRICE	TOTAL PRICE OF SYSTEM INSTALLED IN C46 ENCL'S'RE
LE8	66.00	LE8	A8	3.00	195.00
S5	135.00	LE10A LE30 LX3-1	None		261.00

JBL C48 MADISON

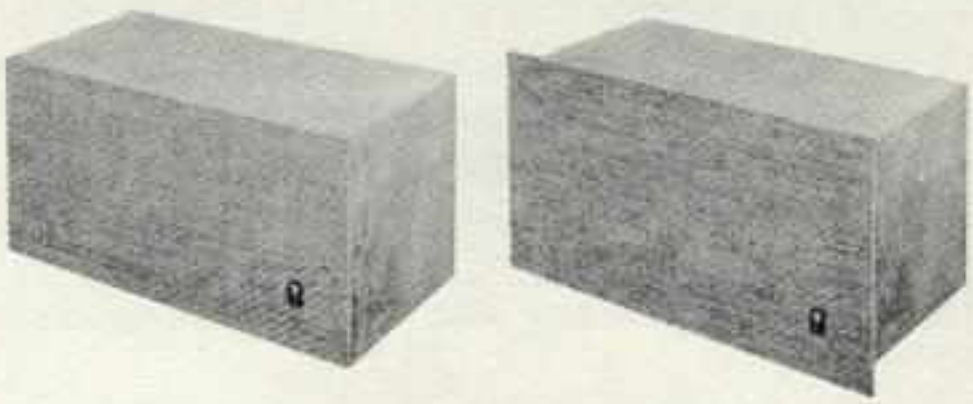


Height ..... 11¾"
Width ..... 23¾"
Depth ..... 13¼"
User net **$63.00**

Furnished in Mahogany, Tawny Walnut, Oiled Walnut, Danish Teak, and Ebony.

These two enclosures will accept either the LE8 or the S5 system with appropriate adaptor kits installed. The C48 is finished on all sides as well as the front, allowing horizontal or vertical placement. The C47 is an unfinished enclosure supplied either with a flush grille for freestanding use, or with a large overlapping grille for built-in installation. All four sides are pre-sanded, ready for finishing.

JBL C47 WILTON



Specify small or large grille
Height (less grille) ..... 11¾"
Width (less grille) ..... 23¾"
Depth (less grille) ..... 11¾"
User net **$42.00**

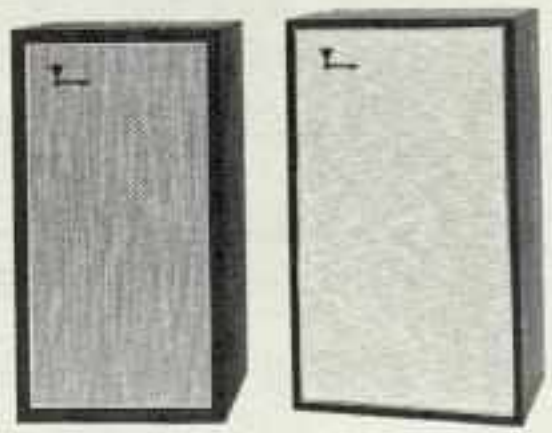
PRICE CHART C48

SPEAKER SYSTEM	SPEAKER SYSTEM PRICE	SPEAKER SYSTEM COMPONENTS	ADAPT. KIT REQ'D	ADAPT. KIT PRICE	TOTAL PRICE OF SYSTEM INSTALLED IN ENCL'S'RE
LE8	66.00	LE8	A23	6.00	135.00
S5	135.00	LE10A LE30 LX3-1	None		198.00

PRICE CHART C47

LE8	66.00	LE8	A10	3.00	111.00
S5	135.00	LE10A LE30 LX3-1	None		177.00

JBL LANCER 33 and LANCER 66



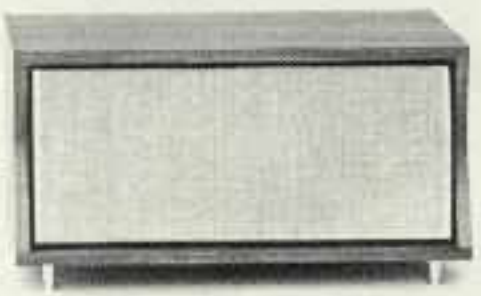
Exciting new JBL speaker systems with loudspeaker components permanently installed. The Lancer 33 has a special JBL LE8 driver while the Lancer 66 contains a Linear Efficiency two-way system with 10-inch low frequency loudspeaker and direct radiator high frequency transducer. Tawny Walnut, Oiled Walnut, Dark Mahogany, and Ebony finishes are standard. Dimensions: Lancer 33—12¾" x 23¼" x 11¾" deep. Lancer 66—14" x 23¼" x 11¾" deep.

Lancer 33
Impedance ..... 8 ohms
Power capacity ..... 20 watts
Shipping weight ..... 42 lbs.
User net complete system **$93.00**
Same, except enclosure made of unfinished Fir **$84.00**

Lancer 66
Impedance ..... 8 ohms
Power capacity ..... 30 watts
Shipping weight ..... 47⅞ lbs.
User net complete system **$147.00**
Same, except enclosure made of unfinished Fir **$138.00**

JBL C49 DALE

Small enough for actual bookshelf use. Will accept either the LE8 or the S5 system with appropriate adaptor kits installed. Furnished in Mahogany, Tawny Walnut, Oiled Walnut, and Ebony.

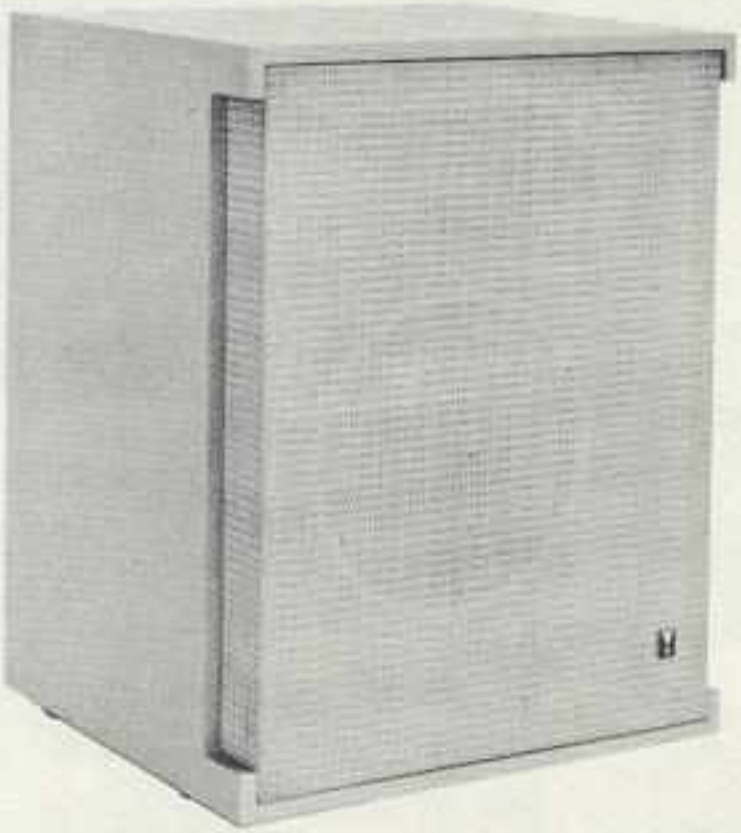


Height ..... 12"
(without legs) ..... 11"
Width ..... 23¾"
Depth ..... 11⅞"
User net **$69.00**

PRICE CHART C49

SPEAKER SYSTEM	SPEAKER SYSTEM PRICE	SPEAKER SYSTEM COMPONENTS	ADAPT. KIT REQ'D	ADAPT. KIT PRICE	TOTAL PRICE OF SYSTEM INSTALLED IN C49 ENCL'S'RE
LE8	66.00	LE8	A23	6.00	141.00
S5	135.00	LE10A LE30 LX3-1	None		204.00

JBL C50SM STUDIO MONITOR



Height . . . . . 26⅜"
Width . . . . . 23¾"
Depth . . . . . 20"
User net **$129.00**

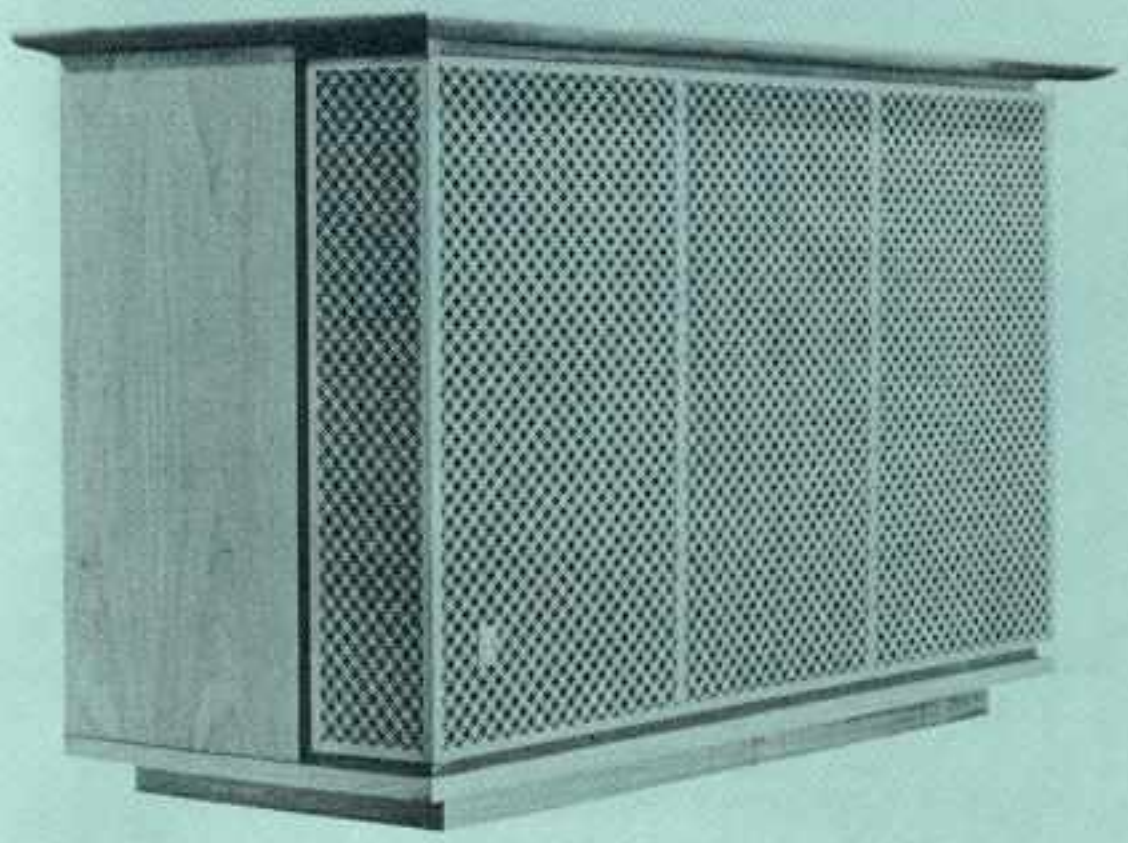
The C50SM is a massively built 6 cubic foot enclosure designed to house the JBL S6, S7, or S8 Linear Efficiency two-way loudspeaker system. This enclosure is finished in Satin Gray and supplied with Silver Gray grille fabric. With loudspeaker components installed, the C50SM makes a compact professional monitor of the highest quality.

Available unfinished at same costs.

PRICE CHART C50 OLYMPUS and C50SM

SPEAKER SYSTEM	SPEAKER SYSTEM PRICE	SPEAKER SYSTEM COMPONENTS	ADAPT. KIT REQ'D	ADAPT. KIT PRICE	TOTAL PRICE OF SYSTEM INSTALLED IN ENCLOSURE		
					C50-1 *Cloth Grille*	C50-2 *Wood Grille*	C50-SM *Monitor*
S6	357.00	LE15A LE75 HL91 LX5	None		555.00	615.00	486.00
S7	387.00	LE15A LE85 HL91 LX5	None		585.00	645.00	516.00
LE14C	150.00	LE14C LX2-1	A25	3.00	351.00	411.00	282.00

JBL C50 OLYMPUS



This elegantly styled enclosure exemplifies the perfect blending of advanced acoustical engineering and flawless furniture craftsmanship.

The OLYMPUS is designed to bring out the full capabilities of the S7 Linear Efficiency system. With these components installed, the performance of the OLYMPUS can only be described as "flawless".

The C50 will also accept the JBL S6 and S8 systems, as shown on the price chart at left.

Furnished in Mahogany, Tawny Walnut, Oiled Walnut, Danish Teak, and Ebony.

Height . . . . . 27½"
Width (top) . . . . . 40"
Depth (top) . . . . . 19¾"
User net: C50-1 (cloth grille) **$198.00**

C50-2 (hand-carved wooden fretwork grille) **$258.00**

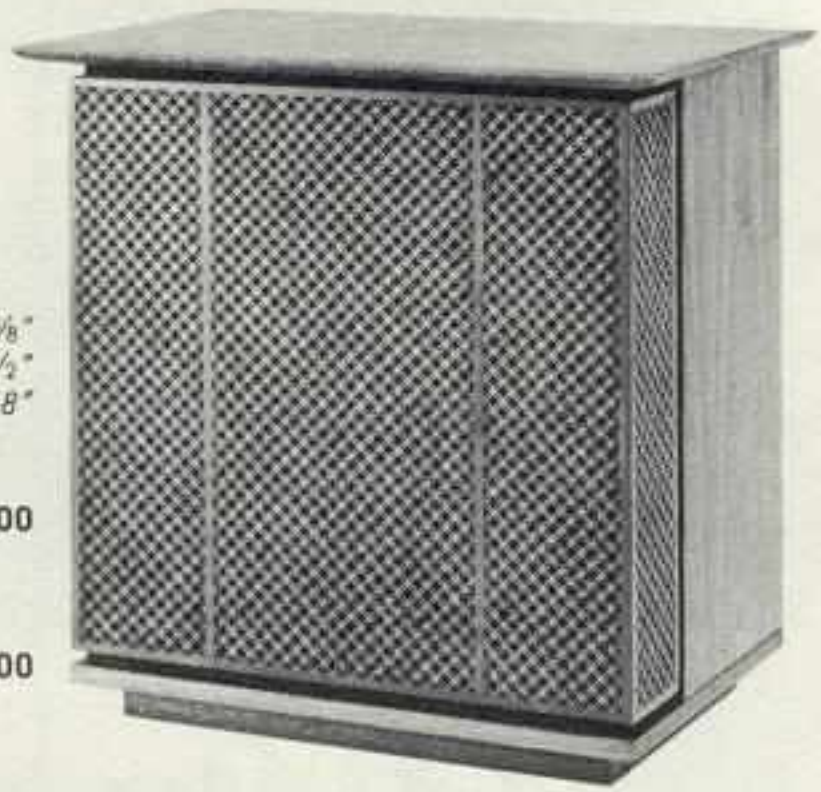
PRICE CHART C51 APOLLO

SPEAKER SYSTEM	SPEAKER SYSTEM PRICE	SPEAKER SYSTEM COMPONENTS	ADAPT. KIT REQ'D	ADAPT. KIT PRICE	TOTAL PRICE OF SYSTEM INSTALLED IN C51-1 ENCL'S'RE	TOTAL PRICE OF SYSTEM INSTALLED IN C51-2 ENCL'S'RE
D123	72.00	D123	A28	6.00	252.00	303.00
D131	96.00	D131	A28	6.00	276.00	327.00
D130	102.00	D130	A28	6.00	282.00	333.00
LE8	66.00	LE8	A28	6.00	246.00	297.00
001	267.00	130A 175DLH N1200	A29	6.00	447.00	498.00
002	162.00	D123 075 N2600	A29	6.00	342.00	393.00
030	192.00	D130 075 N2600	A29	6.00	372.00	423.00
S5	135.00	LE10A LE30 LX3-1	A6	6.00	315.00	366.00
S6	357.00	LE15A LE75 HL91 LX5	A7	3.00	534.00	585.00
S7	387.00	LE15A LE85 HL91 LX5	A7	3.00	564.00	615.00
S8	486.00	LE15A 375 HL93 LX5	A7	3.00	663.00	714.00
LE14C	150.00	LE14C LX2-1	A26	3.00	327.00	378.00

PRICE CHART C52 OPUS and C52SM

SPEAKER SYSTEM	SPEAKER SYSTEM PRICE	SPEAKER SYSTEM COMPONENTS	ADAPT. KIT REQ'D	ADAPT. KIT PRICE	TOTAL PRICE OF SYSTEM INSTALLED IN C52 ENCL'S'RE	TOTAL PRICE OF SYSTEM INSTALLED IN C52 SM ENCL'S'RE
S9	285.00	LE10B LE75 LX6 L9 2 H 91	None		411.00	375.00
S10	315.00	LE10B LE85 LX6 L9 2 H 91	None		441.00	405.00
LE14C	150.00	LE14C LX2-1	None		276.00	240.00

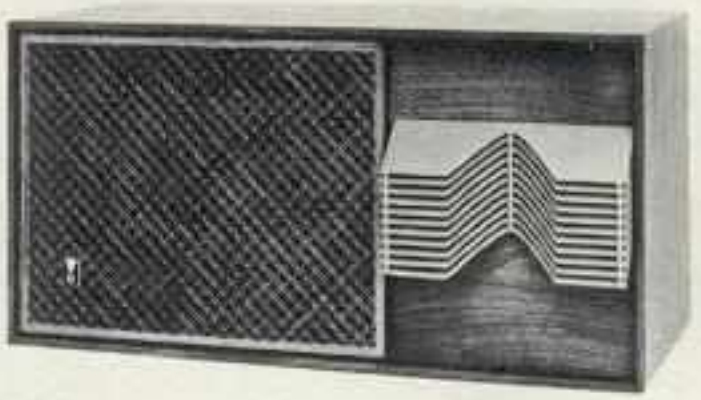
JBL C51
APOLLO



Height . . . . 26⅜"
Width (top) . 26½"
Depth (top) . . . 18"
User Net:
C51-1 (cloth grille) . . . **$174.00**
C51-2 (hand carved wooden fretwork grille) . . . **$225.00**

An enclosure of more modest dimensions styled after the elegant JBL Olympus. The C51 is designed to accept a variety of JBL extended range loudspeakers and two-way speaker systems. Available in mahogany, tawny walnut, oiled walnut, Danish teak and ebony.

JBL C52
OPUS



The Opus is a superior compact system embracing the salient features of the Olympus and Apollo in an enclosure of modest dimensions. The high frequency lens is readily oriented for either horizontal or vertical cabinet placement. Standard finishes: tawny walnut, oiled walnut, mahogany, Danish teak, ebony. Dimensions: 28" x 14" x 14½" deep. Shipping weight 35 lbs. User net **$126.00.**

C52SM

A studio monitor version of the JBL Opus, the C52SM is available only in satin gray finish with gray saran grille cloth. User net **$90.00.**

PRICE CHART C55

SPEAKER SYSTEM	SPEAKER SYSTEM PRICE	SPEAKER SYSTEM COMPONENTS	ADAPT. KIT REQ'D	ADAPT. KIT PRICE	TOTAL PRICE OF SYSTEM INSTALLED IN C55 ENCL'S'RE
040	294.00	D130's 075 N2600	None		504.00
050	363.00	1308's 175DLH N1200	None		573.00
080	690.00	150-4's 375 537-500 N400	None		900.00
083	687.00	150-4's 375 537-509 N400	None		897.00

PRICE CHART C43

SPEAKER SYSTEM	SPEAKER SYSTEM PRICE	SPEAKER SYSTEM COMPONENTS	ADAPT. KIT REQ'D	ADAPT. KIT PRICE	TOTAL PRICE OF SYSTEM INSTALLED IN C43 ENCL'S'RE
D130	102.00	D130	A15	3.00	207.00
001	267.00	130A 175DLH N1200	A12	6.00	375.00
030	192.00	D130 075 N2600	None		294.00
081	552.00	150-4C 375 537-500 N400	None		654.00
085	549.00	150-4C 375 537-509 N400	None		651.00

UTILITY AND BUILT-IN HORNS



JBL C55

Height ..... 50½"
Width ..... 35¾"
Depth ..... 29¾"
User net **$210.00**

This large rear-loading horn utilizes the capabilities of two 15-inch bass drivers. Above the acoustic crossover of 150 cps, the drivers act as direct radiators. Below 150 cps, the 8-foot exponentially flared horn brings out lowest fundamental tones with high efficiency.

The C55 is available in rough theater black only. With appropriate adaptor kits, it will accept a variety of JBL two-way systems as shown in the chart at left.



JBL C43

Height ..... 48"
Width ..... 24"
Depth ..... 24"
User net **$102.00**

A smaller version of the C55 utilizing a single 15-inch bass driver. Available in rough theater black only. With appropriate adaptor kits, it will accept a variety of JBL two-way systems as shown in the chart at left.