

The JBL Enclosure Series

85 LITRES/3 CUBIC FEET

140 LITRES/5 CUBIC FEET

225 LITRES/8 CUBIC FEET



In the early days of audio, the only way to obtain a fine loudspeaker system was to build your own. The serious audio hobbyist built his enclosures from scratch: he had to locate and purchase materials, cut them to size, mill the joints, and tune the finished enclosures. Enclosure construction was an accepted part of the hobby, and JBL was a preferred source of the finest audio components available.

Through the years we have continued to make JBL loudspeaker components available to those seeking the flexibility of a quality component loudspeaker system. The JBL Loudspeaker Component Series represents a continuing commitment to the serious audio enthusiast. This product group has been expanded to include components required for a broader range of custom systems.

We also offer enclosure construction information with detailed plans. However, building a loudspeaker enclosure is an exact and delicate procedure requiring a great deal of time to complete. Carelessly built enclosures may result in whistles, hisses, poor low frequency performance, highly colored sound, and a host of other ills that loudspeakers are heir to—and this in spite of the finest components that money can buy. The JBL Enclosure Series has therefore been introduced to make the Loudspeaker Component Series even more comprehensive.

THE JBL ENCLOSURE SERIES There are three enclosures—85, 140, and 225 litres (3, 5, and 8 cubic feet)—which will accommodate any of ten recommended combinations of JBL components, for which these enclosures were specifically designed, or a combination of your own selection. Each cabinet is built to meet the same stringent standards established for our own production systems:

- All panels are cut from 19-mm ($\frac{3}{4}$ -inch) dense compressed wood. This material, known as particle board, is superior to solid wood in its acoustic properties.
- Cabinet veneers are of furniture quality solid American black walnut. They are unfinished and may be oiled, stained, or varnished to visually complement your listening environment.
- Joints are hand-fitted and electronically wood-welded to force glue into the wood's pores, ensuring rigid, airtight construction.
- Tolerances are held to less than half a millimetre ($\frac{1}{64}$ inch).
- Every phase of assembly is done by hand. Each enclosure receives the individual attention that fine cabinetwork deserves.

GRILLES We offer two styles of grilles. One is for all-cone systems or for systems which utilize one of the large horn/lens assemblies mounted above the enclosure. The other is designed with a cutout; it fits systems using an acoustic lens which projects from the baffle panel. The solid grille is standard for the 85-litre enclosure; for the 140-litre size the cutaway grille is standard and solid optional; and for the 225-litre size, both the solid and cutaway grilles are available! The grilles are made of acoustically transparent earth brown fabric.

JBL'S TEN SPECIALLY RECOMMENDED SYSTEMS From the many possible combinations of loudspeaker components, JBL engineers have specified ten systems which are especially recommended for these enclosures, ranging from a relatively simple and inexpensive two-way loudspeaker system to a highly sophisticated and very powerful theatre-type system.

These are by no means the only compatible combinations, but it is likely that one of them is the best choice for your taste and listening environment. Pre-cut, pre-drilled baffle panels are available for each of these JBL designs. The MA15 front mounting kit is included with each enclosure.

RECOMMENDED SYSTEMS

SYSTEM NUMBER	TRANSDUCER MODEL NUMBERS	CROSSOVER NETWORK(S)
EN3P/85-litre (3 cubic foot) Enclosure		
S11	LE10A (LE14A), LE20	LX11 (LX8)
S21	124A (LE14A), LE5-2, 077	LX30
EN5C/140-litre (5 cubic foot) Enclosure		
S200B	136A, LE85/HL91	LX200B
S300	136A, LE85/HL92, 077	LX300
S22	136A, 375/HL93 (LE85/HL92), 077	LX80A, N7000 (N8000)
S7-1 ³	LE15A, LE85/HL92, (077)	LX13, (N8000)
S8-1 ³	LE15A, 375/HL93, 077	LX5, N7000
EN8P or EN8C (Specify) 225-litre (8 cubic foot) Enclosure		
S7-1 ³	LE15A, LE85/HL92, (077)	LX13, (N8000)
S8-1 ³	LE15A, 375/HL93, 077	LX5, N7000
S23	130A, 375/HL89, 075	LX50A, N7000
S24	130A, 375/HL90, 075	LX50A, N7000
S25	130A, 375/HL88, 075	LX50A, N7000
Components in parentheses represent optional additions or variations available on request.		

1. Model numbers GR3P; GR5C (GR5P optional); GR8P; GR8C.
2. Model numbers BF3, BF5, and BF8.
3. S7-1 and S8-1 systems are compatible with either the 140-litre or the 225-litre enclosure.

OR DESIGN YOUR OWN Blank uncut baffle panels are also available? should you want to challenge your ingenuity and develop your own system. The JBL Technical Services Department is ready to assist you in this case. If you run into a problem, just call or write.

JBL loudspeakers have always enjoyed the highest reputation. This is partly to the credit of the careful design and painstaking construction that go into our loudspeaker enclosures. The Enclosure Series cabinets have been given the same care in construction and the same attention to detail that characterize every product we make. Each has been recommended by the same engineers who design our production systems.

We think we can be proud of this addition to the Loudspeaker Component Series. We think you'll be proud of the sound.

JBL continually engages in research related to product development. New materials, production methods, and design refinements are introduced into existing products without notice as a routine expression of that philosophy. For this reason, any current JBL product may differ in some respect from its published description but will always equal or exceed the original design specifications unless otherwise stated.



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