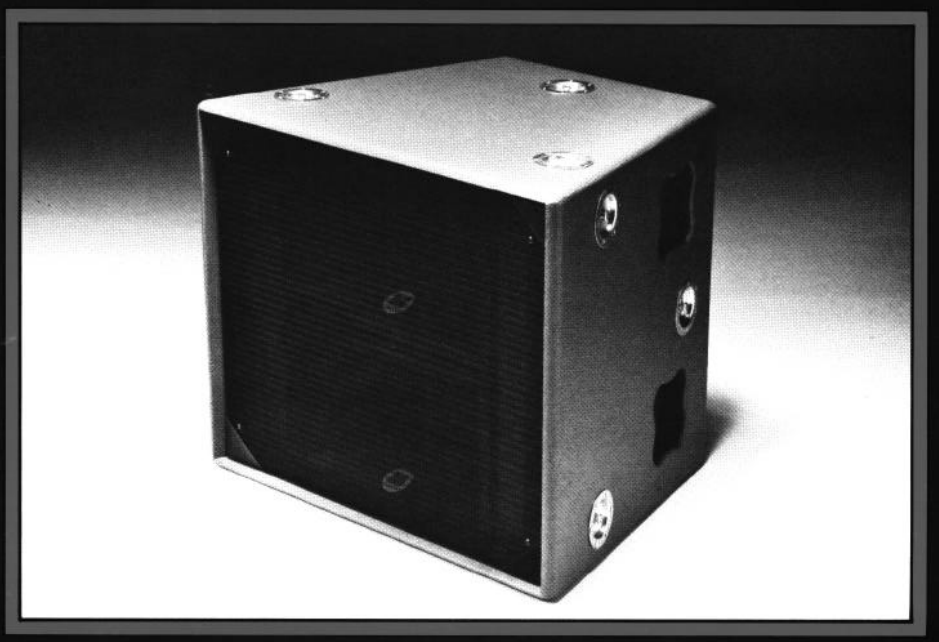
4866 LONG-THROW HIGH FREQUENCY SYSTEM



FEATURES:

Smooth response from 800 Hz to 16 kHz

Utilizes two Flat-Front Bi-Radial™ horns for smooth response and uniform distribution

Road tested componentry and design configuration

Durable, fiberglass-reinforced exterior finish and rugged construction for touring sound applications

8 certified aircraft-style pan fitting hanging points, recessed and flush-mounted with cabinet surface

Top and bottom are parallel; sides taper inward at 15 degree angles, allowing cabinet groups to simulate single point source along the horizontal axis

Intended for "long-throw" applications

The JBL 4866 is a compact dual-horn high frequency system designed to be used in the assembling of hanging arrays. The 4866 houses a pair of Model 2386 Flat-Front Bi-Radial™ horns, vertically stacked, and it offers nominal 40 degree horizontal and 10 degree vertical coverage. The concert-proven package is equipped with integral hanging hardware fittings.

The 4866 is intended for use in situations where greater concentrations of mid/high frequency program material are required, and it is ideal for use in those parts of an array that are dedicated to covering distant audience areas.

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The 4866 is equipped with EP-8 input connectors. Two connectors are installed (one male, one female) to enable loop-through wiring for connecting additional 4866s, 4847s or 4860 family systems. The 4866 comes wired, tested and ready for immediate use.

An accessory dolly, model 4870DL, is available to facilitate handling and cartage. The 4870DL also fits the 4847, the 4860 family, 4845, and 4870 systems.

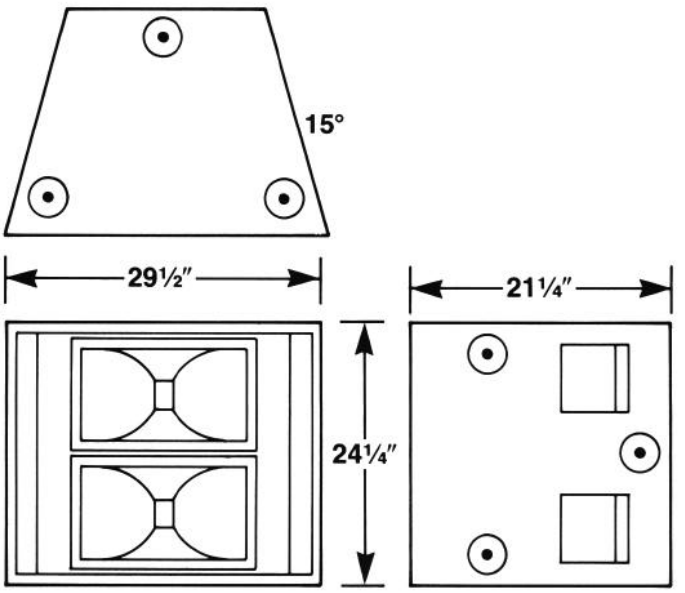
The Model 4866 is intended for use in the assembly of full-range multi-way hanging loudspeaker arrays. This precision-designed module is an integral component of the JBL Concert Series.

ARCHITECTURAL SPECIFICATIONS:

The high frequency loudspeaker system shall incorporate two compression drivers and two constant coverage high frequency horns. The system shall meet the following performance criteria: Frequency range: 500 Hz to 16 kHz. Pressure sensitivity: 119 dB/1w/1m. Power Capacity: 200 watts continuous program above 500 Hz. Horizontal coverage: 40 degrees between -6 dB points. Vertical coverage: 10 degrees between -6 dB points.

The cabinet shall be constructed of void-free birch plywood, stiffened internally and coated with fiberglass reinforced plastic. All exposed corners shall be rounded for damage resistance. Aircraft-type hanging fixture attachment points shall be installed through the cabinet to internal steel reinforcment plates. Eight hanging points shall be provided. Each hanging point shall have a load rating of 2000 lbs. at 90 degrees to the fitting. Cabinet sides shall taper inward, front-to-back, at a 15 degree angle to facilitate cluster grouping.

The modular LF loudspeaker system shall be the JBL Concert Series model 4866.



SPECIFICATIONS:

Components:	2-JBL 2386 Flat-Front Bi-Radial™ horns 2-JBL 2445J compression drivers
System Type:	Modular "long-throw" high frequency loudspeaker system
Frequency Range (-10 dB):	500 Hz to 20 kHz
Frequency Response (± 3 dB):	800 Hz to 12.5 kHz
Nominal Impedance:	8 ohms
Power Capacity (continuous pgm.)[1]:	200 w
Pressure Sensitivity (1w, 1m, half-space):	119 dB
Coverage angles: (-6 dB points, nom.)	Horizontal: 40 degrees Vertical: 10 degrees
Directivity factor (Q):	90 (nominal)
Directivity index (DI):	19.5 dB (nominal)
Connectors:	ITT Cannon EP-8 type, one each male and female
Dimensions:	62 cm (24¼ in) H 75 cm (29½ in) W 57 cm (22⅜ in) D
Weight:	79 kg (174 lbs.)
Finish:	Dark gray impregnated fiberglass-reinforced plastic, black nylon protective grill

[1] Continuous program power is defined as 3 dB greater than continuous sine wave power and is a conservative expression of the tranducer's ability to handle typical speech and music program material.

JBL continually engages in research related to product improvement. 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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