

JBL SOUND POWER SERIES

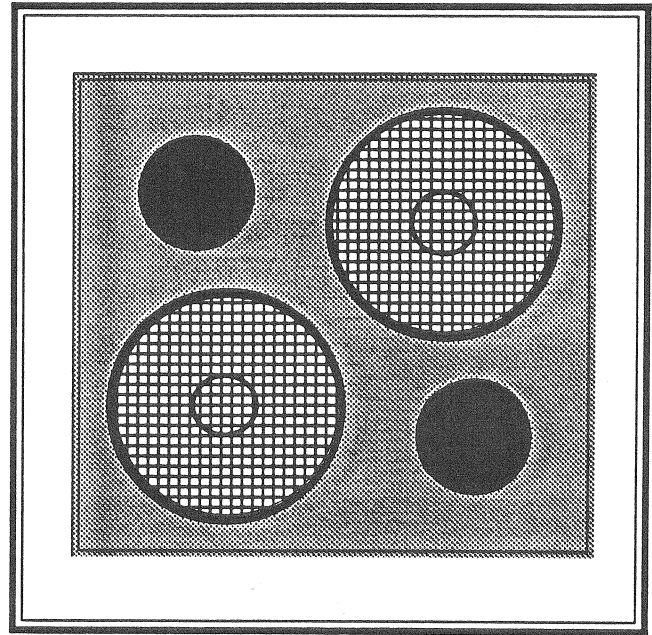
# 4745A

## DUAL 380 MM (15") DIRECT RADIATOR SUB-BASS SYSTEM

PRELIMINARY SPECIFICATION SHEET

### FEATURES:

- ▶ Uniform response and power handling down to 35 Hz
- ▶ Heavy duty internally braced non-resonant cabinet
- ▶ Dual JBL 2226H direct radiating drivers
- ▶ Rugged and attractive finish



The JBL 4745A is a direct radiator sub-bass loudspeaker system designed to be used in conjunction with bi-amplified JBL Sound Power Series full-range systems. It is intended for installation or touring applications in mid-sized auditoriums and halls whenever the application demands extended low frequency reproduction. Consisting of two JBL 2226H 380 mm (15 in) low frequency, low distortion cone drivers mounted in a ported enclosure, the Sound Power 4745A will uniformly reproduce frequencies down to 35 Hz at high levels with minimal distortion.

Designed to be driven actively using a JBL 5235 or other external electronic crossover and amplifier, an 80 Hz to 150 Hz crossover range is recommended, although the system has usable output within the mid-band region that can augment the response of its companion full-range system. By separating the lowest frequencies from the rest of the audio program, the use of the 4745A in conjunction with full-range Sound Power systems increases overall system efficiency and headroom.

Constructed from 18 mm (3/4 in) Finnish birch plywood and internally braced for maximum rigidity and resistance to enclosure resonances at high SPL, the cabinet is finished to touring standards in a durable dark gray acid-hardened paint. Recessed cutout handling points and steel protective grilles for the bass drivers in addition to the removable black nylon front grille make the 4745A a versatile general-purpose sub-bass system.

Input connections are made via an 8-pin Neutrik Speakon™ connector, with a second connector providing full-range loop through facilities. A heavy-duty rear connector panel features a threaded insert to accept an M12 safety eyebolt. JBL's special 8-conductor cabling is available as an option, featuring four different wire gauges for the four frequency bands.

# FREIQUMLINARY SPEOMCAHONS

## Model 4745A

Components	2 -JBL 2226H low frequency transducers
Frequency range (-10 dB)	32 Hz—2.2 kHz
Frequency response ( $\pm 3$ dB)	37 Hz—1.8 kHz
Enclosure tuning	41 Hz
Sensitivity	103 dB (2.83 V, 1 m)*
Power capacity	1200 W (AES standard, 50-500 Hz)
Maximum SPL (1 m, continuous program)	TBA
Recommended crossover frequencies	80—500 Hz, 25 Hz low cut
Nominal impedance	4 ohms
Connectors	2 - Neutrik Speakon NL8MPR
Dimensions	800mmHx850mmWx530mmD6 11/2" H x 33 7/16" W x 20 7/8" D)
Finish	Dark grey acid-hardened paint with black nylon grille
Net weight	65 kg (143 lb)

### Accessories:

NL8FC	Neutrik <b>Speakon</b> Cable Connector, <b>8-Pin</b>
NL8MM	Neutrik <b>Speakon</b> Coupler, <b>8-Pin</b>
3700-S	<b>8-Wire Speaker Cable</b>
3705-8	<b>8-Wire Speaker Cable, 5 m, with NL8FC Connectors</b>
3720-8	<b>8-Wire Speaker Cable, 20 m, with NL8FC Connectors</b>
4700APNT	<b>Touch-Up Paint</b>

\* **2.83 Vis 1 W** across an **8 ohm** load.

•\* **Continuous program power is defined** as 3 dB **greater than continuous sine wave.**

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