

JBL SOUND POWER SERIES

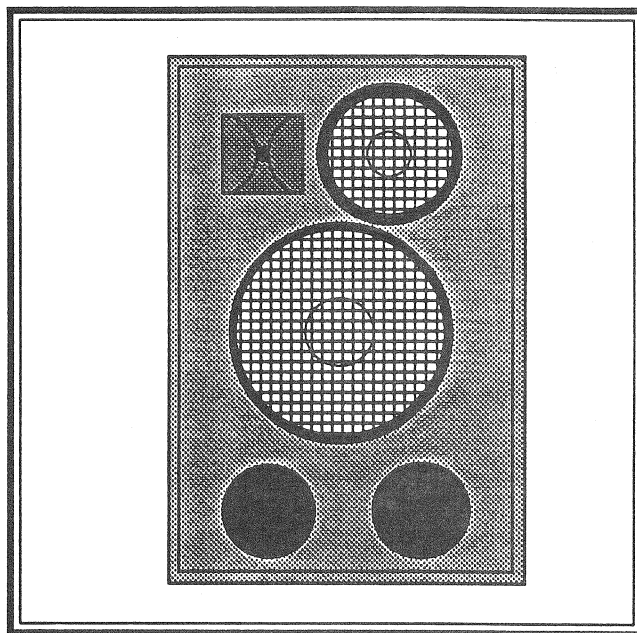
# 4730A

## HIGH POWER THREE-WAY FULL-RANGE SYSTEM

### PRELIMINARY SPECIFICATION SHEET

#### FEATURES:

- ▶ Smooth, accurate response from 60 Hz to 20 kHz
- ▶ Internal passive 850 Hz/3.5 kHz dividing network
- ▶ High efficiency and power handling
- ▶ Wedge-shaped enclosure for arraying
- ▶ Rugged and attractive finish



The JBL 4730A is a three-way full-range loudspeaker system specifically designed for touring or installation in discotheques and medium to large sized venues. Containing a JBL 2226H 380 mm (15 in) high power, low distortion cone driver mounted in a ported enclosure, a JBL 2118H 200 mm (8 in) high efficiency midrange transducer and a JBL 2404H high frequency 100° x 100° dispersion Bi-Radial® ring radiator, the 4730A will reliably deliver high maximum output, extended frequency response and excellent audience coverage.

The 4730A system features an internal high-power three-way passive dividing network. Additionally, the 4730A may be used with the Sound Power Series 4742A or 4782A sub-woofer systems where extended low frequency performance is required.

Constructed from Finnish birch plywood, the 4730A cabinet is internally braced for maximum rigidity and durability. The use of large diameter ports prevents compression effects and vent-induced air noise. The 4730A's durable dark grey acid-hardened paint and integral recessed cutout handles contribute to a streamlined, professional appearance. A removable black nylon grille covers the entire front of the enclosure.

The 4730A can be used alone, in pairs, or with other components of the Sound Power Series to create systems tailored to specific sound reinforcement needs. Neutrik Speakon™ connectors ensure simple and secure system hook-up. One 4-pin Speakon accommodates all input wiring, with a second 4-pin Speakon carrying loop-through signal for direct connection to a second 4730A, or to a 4742A or 4782A sub-woofer. The heavy-duty rear connector panel features a threaded insert to accept an M12 safety eyebolt. JBL's special 4-conductor cabling is available as an option, allowing simultaneous transmission of full-range and sub-bass signals, if required.

The 4730A is fitted with a 35 mm pole mount adapter on the base of the cabinet, which will accept any of JBL's MTA Series tripod stands and adapters to facilitate installation of the 4730A in a wide variety of applications.

# PRELIMINARY SPECIFICATIONS

## Model 4730A

Components	1 - JBL 2226H low frequency transducer 1 - JBL 2118H midrange transducer 1 - JBL 2404H tweeter
Frequency range (-10 dB)	35 Hz—22 kHz
Frequency response ( $\pm 3$ dB)	60 Hz—20 kHz
Enclosure tuning	50 Hz
<b>Sensitivity</b>	<b>97db(2.83V, 1 m )'</b>
Power capacity	TBA
Maximum <b>SPL</b> (1 m. continuous program)	TBA
Recommended low cut frequency	30 Hz
Coverage angles (-6 dB nominal)	<b>100° horizontal</b> <b>100° vertical</b>
Nominal impedance	<b>8 ohm</b>
Connectors	<b>2 - Neutrik Speakon NL4MPR</b>
Dimensions	850 mm H x 565 mm W x 440 mm D 0 3 <b>7/16"</b> H x 22 <b>1/4"</b> W x 17 <b>5/16"</b> D)
<b>Finish</b>	<b>Dark grey acid-hardened paint with black nylon grille</b>
<b>Net weight</b>	<b>45 kg (99 lb)</b>

Accessories:

<b>MTA 19670</b>	<b>Tilt Adapter</b>
<b>MTA 21300</b>	<b>Crank-Up Stand</b>
<b>MTA 21465</b>	<b>Heavy Duty Speaker Stand</b>
<b>MTA 24123</b>	<b>"U- Bracket</b>
<b>MTA 24125</b>	<b>Heavy Duty Adjustable Wall-Mount Bracket</b>
<b>MTA 24126</b>	<b>Heavy Duty Right-Angle Wall-Mount Bracket</b>
<b>MTA 24127</b>	<b>Adapter: "U- Bracket to 35 mm Pole Mount</b>
<b>NL4FC</b>	<b>Neutrik Speakon Cable Connector, 4-Pin</b>
<b>NL4MM</b>	<b>Neutrik Speakon Coupler, 4-Pin</b>
<b>3700-4</b>	<b>4-Wire Speaker Cable</b>
<b>3705-4</b>	<b>4-Wire Speaker Cable, 5 m, with NL4FC Connectors</b>
<b>3720-4</b>	<b>4-Wire Speaker Cable, 20 m, with NL4FC Connectors</b>
<b>4700APNT</b>	<b>Touch-Up Paint</b>

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

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