



JBL SOUND POWER SERIES

4726A

COMPACT BI-RADIAL® SPEAKER SYSTEM

PRELIMINARY SPECIFICATION SHEET

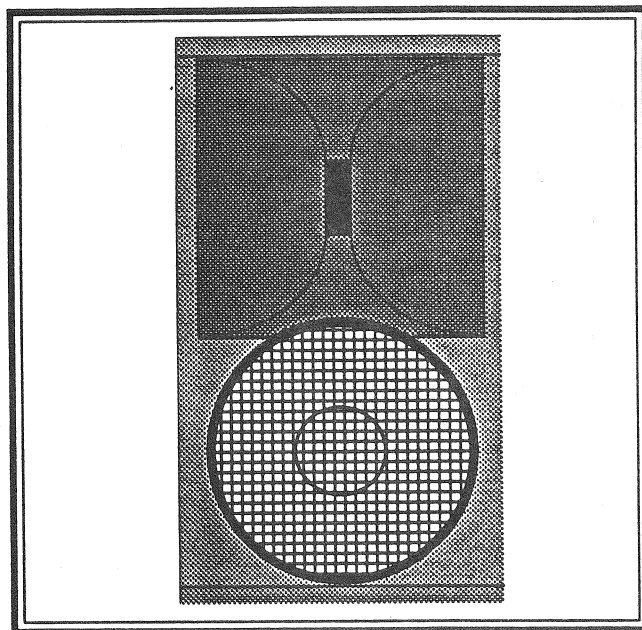
FEATURES:

- ▶ Smooth, accurate response from 60 Hz to 20 kHz.
- ▶ High efficiency and power handling.
- ▶ Heavy duty construction.
- ▶ Tightly controlled 100° x 100° dispersion.
- ▶ Rugged and attractive finish.

The JBL 4726A is a two-way full-range loudspeaker system intended for installation or touring applications in small to medium discotheques and auditoriums, where high output, wide dispersion, smooth frequency response and long-term reliability are required.

For powerful bass without breakup, the unit is supplied with a JBL 2206H 300 mm (12 in) high power, low distortion cone driver fitted with a protective steel grille. A JBL 2426J titanium diaphragm compression driver mounted on a 2344A 25 mm (1 in) throat, 100° x 100° Bi-Radial horn, provides smooth, accurate high end reproduction. Low frequency response down to 60 Hz with no increase in system size is made possible by integrating the tuning ports within the high frequency horn. For even deeper and more powerful bass, the Sound Power Series sub-bass units may be used in conjunction with the 4726A.

The Sound Power 4726A is designed for bi-amplification using JBL 5235 or other high-quality active crossovers. Bypass and protection capacitors and high frequency power correction are internally fitted. An optional version (4726AP) is available with an internal crossover for passive, single channel amplifier operation, and the internal crossover is also available for field installation if desired.



The JBL 4726A may be used alone or with other Sound Power Series loudspeakers and electronics to meet the challenge of virtually any sound reinforcement problem. Thoughtfully designed, the cabinet incorporates angled sides so that multiple 4726A's can easily form a compact cluster with uniform wide-angle coverage. Small but packed with features, the 4726A is a logical choice when space is at a premium. It can also be used as a portable loudspeaker system and may be mounted on an optional stand.

Constructed of heavy duty Finnish birch plywood and attractively finished in a durable dark grey acid-hardened paint, the 4726A has large integral carrying handles that cannot rattle, and a protective metal grille for the bass driver. Input wiring connects to an 8-pin Neutrik Speakon™ socket*, with a second Speakon carrying loop-through signals for connection to a second 4726A or, alternatively, to Sound Power Series sub-bass speakers. Optional MTA Series brackets are available for mounting the 4726A on a variety of surfaces and the heavy-duty rear connector panel features a threaded insert to accept an M12 safety eyebolt.

* The 4726AP uses 4-pin Speakon connectors. Full-range signal and loop-through sub-bass are carried on the 4-pin connectors.

PRELIMINARY SPECIFICATIONS

Model 4726A

Components	1 – JBL 2206H low frequency transducer 1 – JBL 2344A Bi-Radial horn 1 – JBL 2426J compression driver
Frequency range (–10 dB)	60 Hz—20 kHz
Frequency response (± 3 dB)	70 Hz—16 kHz
Enclosure tuning	70 Hz
Sensitivity	
Low frequency	95 dB (2.83 V, 1 m) [*]
High frequency	109 dB (2.83 V, 1 m) [*]
Power capacity	
Low frequency	600 W (AES standard, 60—600 Hz)
High frequency	70 W (continuous program) ^{**}
Maximum SPL (1 m, continuous program)	TBA
Recommended crossover frequency	1200 Hz, 40 Hz low cut
Coverage angles (–6 dB nominal)	100° horizontal 100° vertical
Nominal impedance	
Low frequency	8 ohms
High frequency	16 ohms
Connectors	2 – Neutrik Speakon NL8MPR
Dimensions	646 mm H x 362 mm W x 356 mm D (25 3/8" H x 14 1/4" W x 14" D)
Finish	Dark grey acid-hardened paint with black steel protective grille
Net weight	22 kg (48 lbs)

Accessories:

MTA 19670	Tilt Adapter
MTA 21300	Crank-Up Stand
MTA 21336	Support Pole for use with 4742A/82A
MTA 21465	Heavy Duty Speaker Stand
MTA 24100	Light Duty Wall Bracket
MTA 24105	Double-Mount Adapter
MTA 24122	"U" Bracket
MTA 24127	Adapter: "U" Bracket to 35 mm Pole Mount
NL8FC	Neutrik Speakon Cable Connector, 4-Pin
NL8MM	Neutrik Speakon Coupler, 4-Pin
3700-8	8-Wire Speaker Cable
3705-8	8-Wire Speaker Cable, 5 m, with NL8FC Connectors
3720-8	8-Wire Speaker Cable, 20 m, with NL8FC Connectors
4700APNT	Touch-Up Paint

* 2.83 V is 1 W across an 8 ohm load.

** Continuous program power is defined as 3 dB greater than continuous sine wave and is a conservative expression of the transducer'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.

