

Professional Series

Key Features:

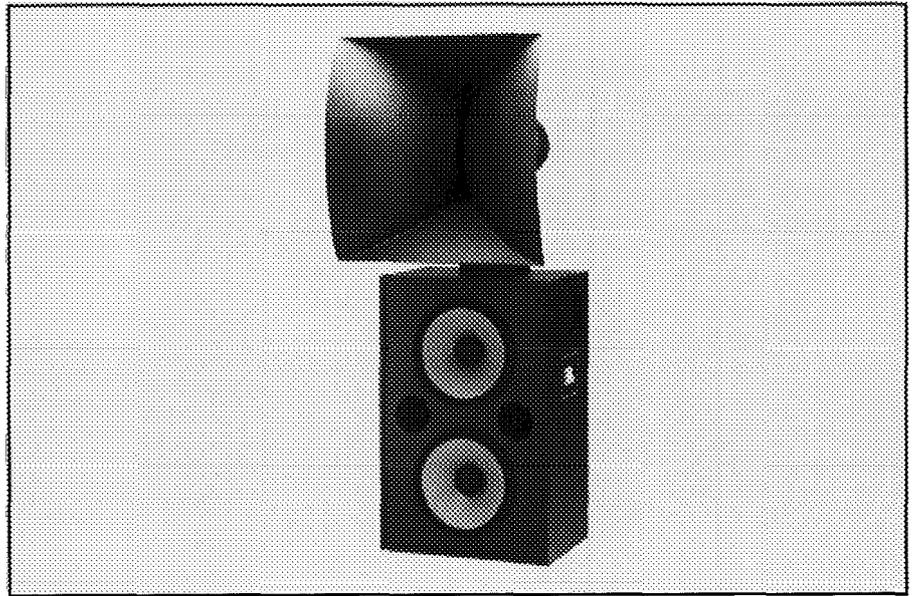
- ▶ Frequency Range: 34 Hz to 20 kHz
- ▶ Sensitivity: 100 dB (LF), 113 (HF)
1 watt, 1 meter (3.3 ft)
- ▶ Power Capacity: 1200 watt (LF):
75 watt (HF), AES pink noise
- ▶ Components:
 - Dual 380 mm (15 in) low frequency loudspeakers
 - 100 mm (4 in) compression driver
 - 90° x 40° Constant-Coverage Bi-Radial® horn
- ▶ 4675C-ELF approved by Lucasfilm, Ltd. for THX® system installations
- ▶ Simple field assembly reduces labor costs

The JBL 4675C-4(8)LF provides powerful, smooth and accurate reproduction of motion picture soundtracks in medium and large cinemas. The system is comprised of two parts: the 4675C-HF high frequency pack and either the 4648A-8 (8 ohm) or 4648A-4 (4 ohm) low frequency system.

The 4675C-HF high frequency pack features the JBL 2446H, 100 mm (4 in) diaphragm compression driver, JBL 2360A Bi-Radial® horn and JBL 2506B fully adjustable bracket. The large format Bi-Radial® horn ensures uniform dispersion of the high frequency information throughout both the vertical and horizontal coverage angles.

The JBL 4648A-4(8) offers the highest output power available in a cinema screen loudspeaker system. The low frequency system employs JBL's patented Vented Gap Cooling 2226H(J) 380 mm (15 in) transducers providing high power handling with extremely low power compression providing the highest acoustic power output possible. The transducers feature 100 mm (4 in) voice coils operating in a large symmetrical field geometry (SFG) magnet structure reducing second harmonic distortion.

THX® is a trademark of Lucasfilm, Ltd.



Specifications:

SYSTEM ELEMENTS:	
	1-JBL 4675CHF 1-TBL 4648A-4(8)
SYSTEM SPECIFICATIONS:	
Frequency range (-10 dB):	35 Hz - 20 kHz
Frequency response (± 3 dB):	40 Hz - 12 kHz
Power capacity (LF):	1200 W
Power capacity (HF):	100 W
Sensitivity (LF):	100 dB (1 W, 1 m)
Sensitivity (HF):	113 dB (1 W, 1 m)
Nominal impedance (LF):	4(8) ohms
Nominal impedance (HF):	8 ohms
Recommended crossover frequency:	500 Hz - 630 Hz
Nominal coverage:	90° horizontal, 40° vertical
Half-space reference efficiency:	6.3%
Maximum continuous acoustical power output (sine wave input):	42 acoustic watts
System polarity:	Positive voltage to black terminal produces forward cone motion
Input connectors:	Color-coded push terminals
4648A LOW FREQUENCY SYSTEM:	
	2-2226H(J) 380 mm (15 in) low frequency transducers
	1-4508A low frequency enclosure
Net weight:	66.2 kg (146 lb)
Shipping weight:	68 kg (150 lb)
Dimensions:	991 mm x 648 mm x 451 mm
H x W x D	(39 in x 25½ in x 17¾ in)
4675C-HF HIGH FREQUENCY SYSTEM:	
	1-2360A Bi-Radial horn
	1-2446H
	1-2506B Adjustable bracket
Net system weight:	43.6 kg (96 lb)
Shipping weight:	48.2 kg (100 lb)
Dimensions:	940 mm x 795 mm x 795 mm
H x W x D	(37 in x 311/3 in x 311/3 in)

¹AES standard (50-500 Hz), 2 hour duration.

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.

▶ 4675C-4(8)LF Cinema Loudspeaker System

The systems are specifically designed for bi-amplified installations to provide the highest acoustic power output possible to fully realize the wide bandwidth and increased dynamic range of today's cinema sound formats.

The enclosure is constructed of dense stock and is extensively braced on all panels reducing cabinet resonances. Net internal volume is 225.1 (8 cu ft) and the enclosure is tuned to 40 Hz with large port tubes ensuring minimum turbulence at full power input at low frequencies.



JBL Professional
8500 Balboa Boulevard, PO. Box 2200
Northridge, California 91329 U.S.A.

H A Harman International Company

G/93 10M
P1207