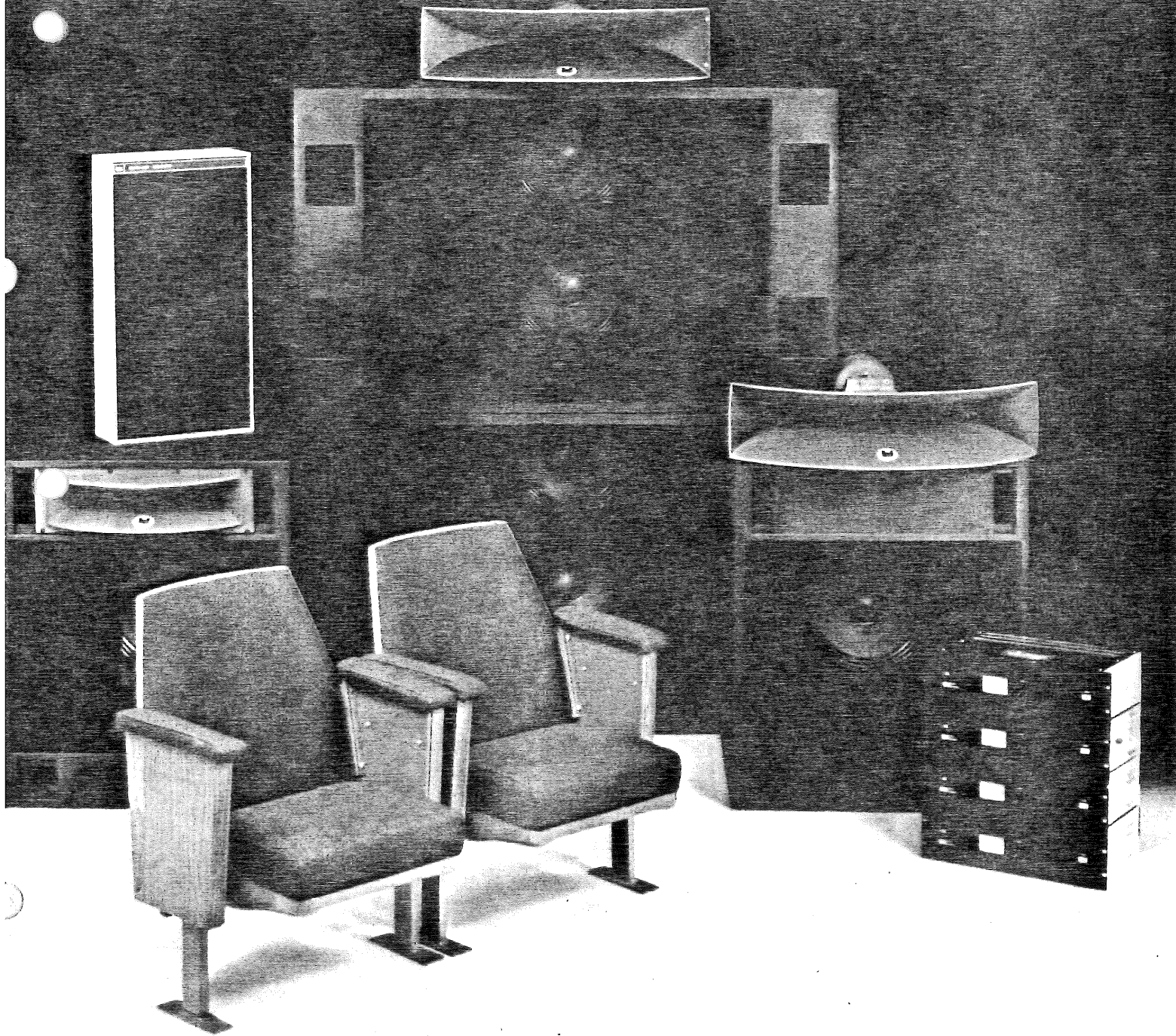


JBL

**PROFESSIONAL
THEATER
PRODUCTS**

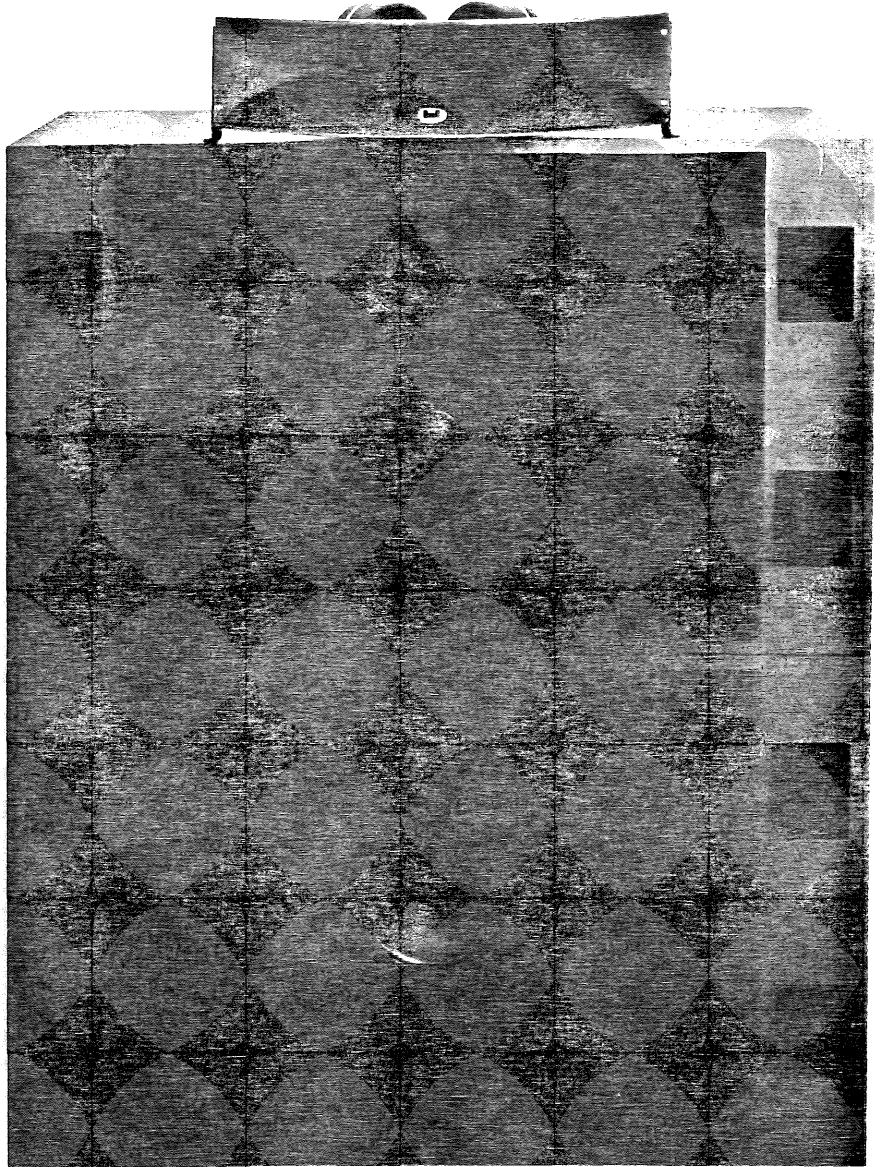


JBL PROFESSIONAL THEATER PRODUCTS

In the 1920's, motion picture technology changed dramatically with the introduction of cinema sound. To meet the challenges of this new medium, James B. Lansing and other audio pioneers devoted enormous amounts of research to theater sound system development. This research resulted in the creation of audio components and systems so advanced that, with minor changes, many are still in use.

Today, however, movie sound is being revolutionized again. Advanced noise reduction and bandwidth expansion techniques have allowed producers and directors to create dynamic musical and effects sound tracks. Sound tracks that can place incredible demands on theater playback systems.

To help theater owners make the most of these improved sound tracks, JBL has introduced a new generation of motion picture sound systems. Systems that provide the performance, power, and fidelity needed to let audiences feel, as well as hear, every detail. And, like all JBL products, each system has the ruggedness and reliability to maintain that performance for years to come.



4676-2

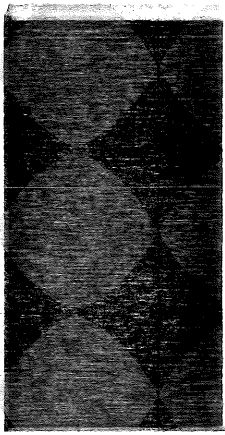
4672 Perfectly suited for use in small theaters, the 4672 is a compact, 2-way loudspeaker system that combines high efficiency, wide dispersion, and natural, uncolored sound quality. System components include a specially designed 380 mm (15 in) low frequency loudspeaker, high frequency compression driver and radial horn. All components are housed in an optimally tuned, horn-loaded enclosure.

4674 Designed for medium size theaters, the 4674 delivers smooth, accurate, full range sound reproduction. The low frequency components are identical to those in the 4672. They are matched, however, with a larger, externally mounted radial horn and compression driver. The 4674 is recommended for those applications requiring high acoustic output and moderate system size.

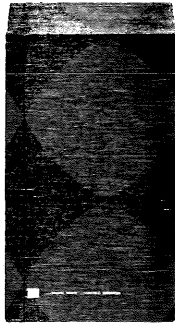
4676-1 The 4676-1 is an extremely efficient, 2-way loudspeaker system that is engineered to provide high level acoustic output, extended frequency response, and low distortion. The sys-

tem utilizes two 380 mm (15 in) low frequency loudspeakers housed in a long-throw horn enclosure for bass reproduction. A single compression driver and radial horn are used for high frequencies. The 4676-1 is ideal for use in moderate to large theaters.

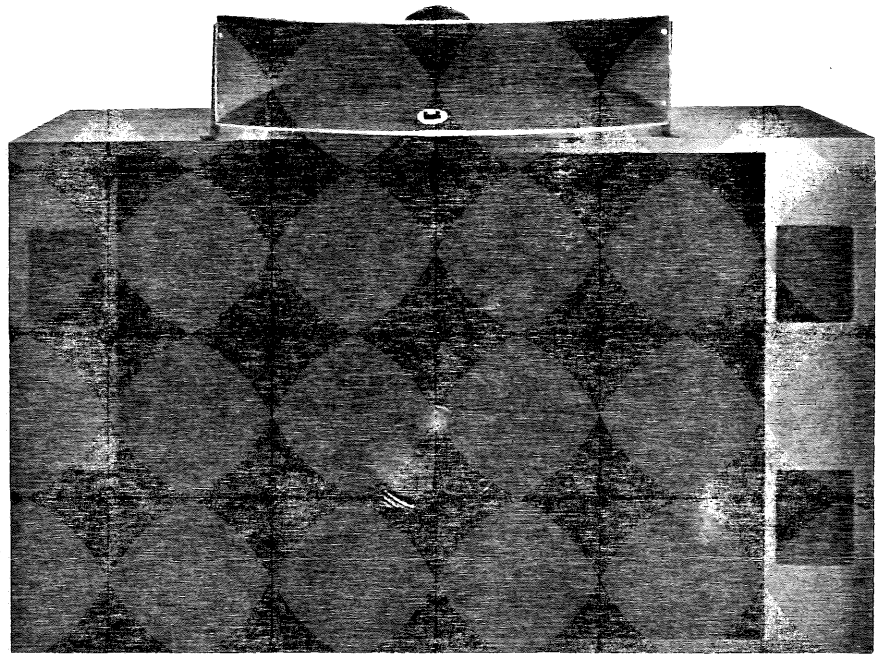
4676-2 JBL's most massive cinema sound system, the 4676-2 is capable of producing extremely high sound pressure levels in even the largest theaters. The system consists of two horn enclosures, four 380 mm (15 in) low frequency loudspeakers, two high frequency compression drivers, and a



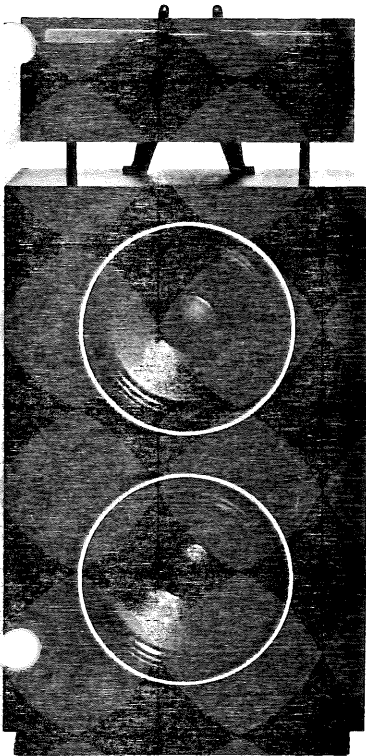
4375



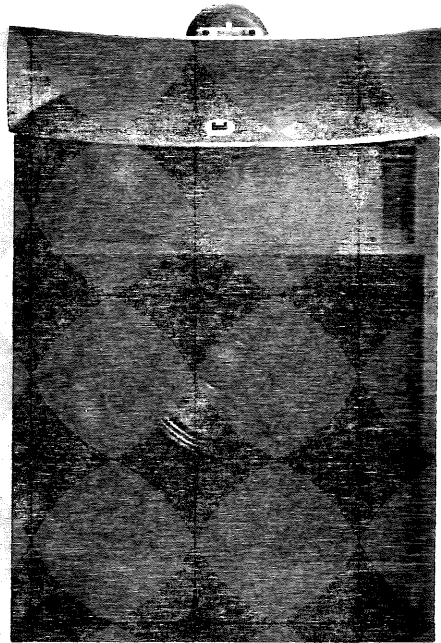
4301B



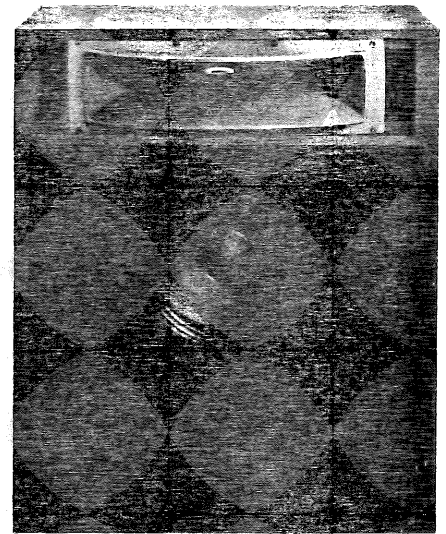
4676-1



4670



4674



4672

single controlled-dispersion radial horn. This unique array of components gives the 4676-2 the power capacity, efficiency, and dynamic range needed to meet the demands of today's film sound tracks.

4670 Engineered specifically for theaters that have limited space behind the screen, the 4670 offers outstanding performance in a very compact pack-

age. The specially designed slim profile enclosure is perfectly matched with two 380 mm (15 in) low frequency loudspeakers and an externally mounted compression driver, horn, and acoustic lens. The result is a system that delivers wide band width, high efficiency, wide horizontal dispersion, and excellent dynamic range.

4375 An efficient, high powered line array, the 4375 is designed for use as a surround or effects speaker. The system consists of four rugged 130 mm (5 in) loudspeakers housed in a compact, shallow enclosure. The 4375's

wide dispersion and high intelligibility allow the system to provide complete surround coverage in a variety of theater environments.

4301B Designed to meet the strict standards of recording engineers, the 4301B's smooth, wide-range response, wide dispersion, and low distortion also make it an ideal choice for use as a surround or effects speaker in small theaters. The system components consist of a 200 mm (8 in) low frequency loudspeaker and a 36 mm (1.4 in) high frequency loudspeaker housed in a vented enclosure.

Specifications	4672	4674	4676-1	4676-2	4670	4375	4301B
Frequency Range	45 Hz - 15 kHz	45 Hz - 15 kHz	40 Hz - 15 kHz	40 Hz - 15 kHz	35 Hz - 15 kHz	150 Hz - 15 kHz	45 Hz - 15 kHz
Power Capacity (Continuous Sine Wave)	200 W	200 W	400 W	400 W	400 W	40 W	15 W
(Continuous Program)	400 W	400 W	800 W	800 W	800 W	80 W	30 W
Sensitivity (1 W, 1 m)	101 dB SPL	101 dB SPL	104 dB SPL	107 dB SPL	101 dB SPL	100 dB SPL	88 dB SPL
Horizontal Beamwidth	90°	90°	90°	90°	100°	120°	90°
Nominal Impedance	16 ohms	16 ohms	8 ohms	8 ohms	16 ohms	8 ohms	8 ohms
Dimensions	914 mm x 762 mm x 606 mm 36 in x 30 in x 23 ⁷ / ₈ in	1117 mm x 803 mm x 742 mm 44 in x 31 ⁵ / ₈ in x 29 ¹ / ₄ in	1727 mm x 914 mm x 825 mm 68 in x 36 in x 32 ¹ / ₂ in	3241 mm x 914 mm x 825 mm 128 in x 36 in x 32 ¹ / ₂ in	1295 mm x 667 mm x 559 mm 50 ³ / ₄ in x 26 ¹ / ₂ in x 22 in	762 mm x 400 mm x 165 mm 30 in x 15 ³ / ₄ in x 5 ¹ / ₂ in	483 mm x 306 mm x 211 mm 19 in x 12 ¹ / ₁₆ in x 11 ¹ / ₄ in
Net Weight	65.1 kg 143 ¹ / ₂ lb	78.5 kg 173 lb	141 kg 311 lb	269.2 kg 593 ¹ / ₂ lb	94.3 kg 208 lb	18 kg 39 lb	12 kg 26 lb

Components	4672	4674	4676-1	4676-2	4670	4375	4301B
Low Frequency Drivers	E145-16 (1)	E145-16 (1)	E145-16 (2)	E145-16 (4)	E145-16 (2)	2105H (4)	116H (1)
High Frequency Drivers	2410 (1)	2441 (1)	2441 (1)	2441 (2)	2441 (1)	N/A	LE26 (1)
High Frequency Horn	2345	2350	2350	2350	2309 & 2310	N/A	N/A
Horn Throat	N/A	2328	2328	2329	N/A	N/A	N/A
Frequency Dividing Network	3110 800 Hz	3115 500 Hz	3152A 500 Hz	3152A & 9375 (2) 500 Hz	3152A 500 Hz	N/A	N/A
Enclosure	4560BKA	4560BKA	4550BKA	4550BKA (2)	N/A	N/A	N/A

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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