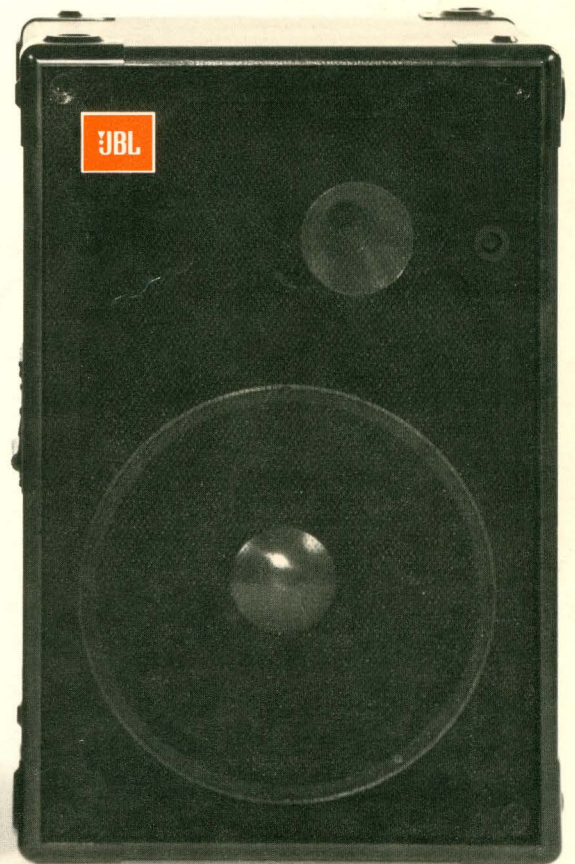
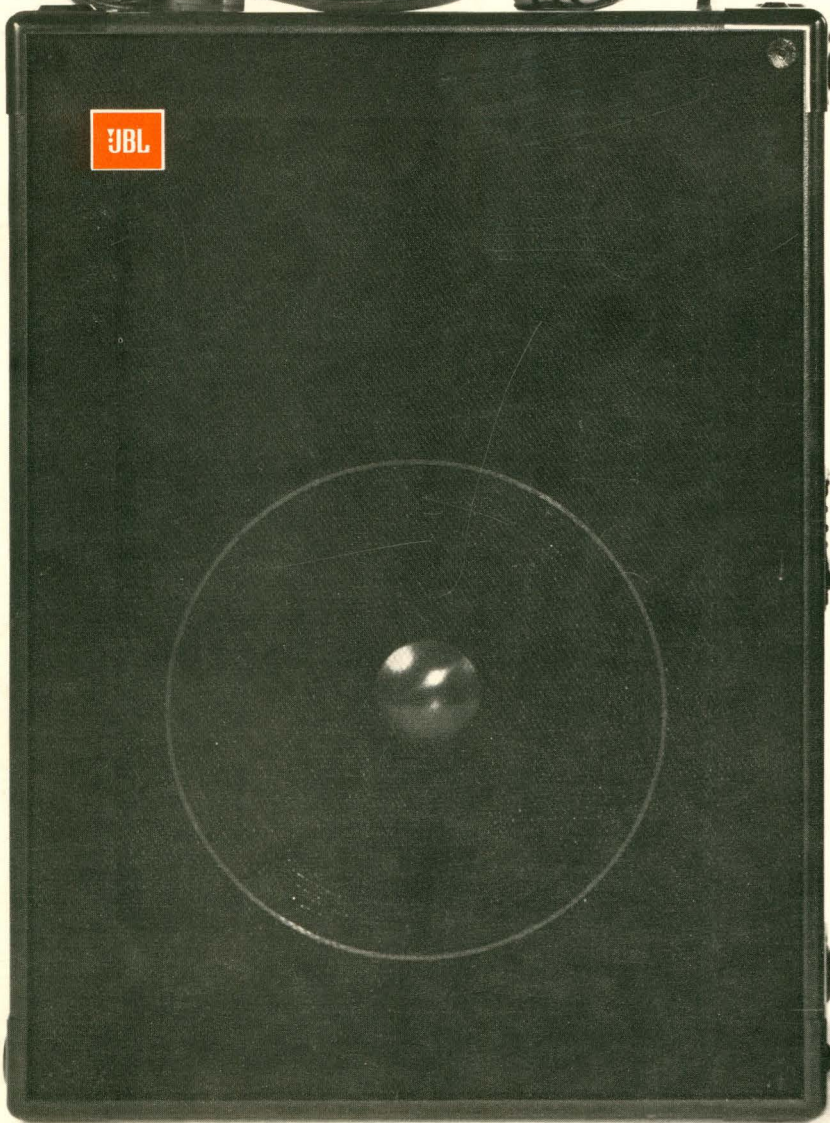




**JBL presents
great sound in
two easy steps.**



Today's sophisticated discotheque is a complex blend of sights, sound, and feel. It's an environment designed for maximum impact. And no aspect of club design contributes more to this impact than the sound system. It must be able to deliver extremely high acoustic output, with low distortion and full range response. Hour after hour. Night after night.

Until now, the only sound systems capable of meeting these demands have been custom designed and installed utilizing massive arrays of professional audio equipment. Unfortunately, these systems are far from practical for a number of applications. Because of this, many clubs have been forced to get by with high fidelity loudspeakers or semi-professional P.A. columns whose perfor-

mance and reliability may be marginal at best.

At JBL, we don't think you should have to sacrifice system performance just to get the size and convenience you need. And to prove it, we're introducing the JBL 4690 and 4695. The first compact, packaged playback systems capable of delivering professional level performance.

To ensure this performance, we developed each system around JBL professional loudspeaker components. The same reliable, efficient components that sound contractors around the world specify for their most demanding custom installations. Next, we packaged these components in optimally tuned enclosures that were engineered specifically for high level

playback applications. These enclosures optimize transducer performance while minimizing system bulk. The result is an ideal blend of high performance and practical size.

Of course, even the best sounding speaker systems can be a problem if they aren't versatile enough to meet your individual requirements. So we designed the 4690 and 4695 with the features you need for both permanent and portable applications.

To begin with, we crafted each enclosure from architecturally braced, 18 mm (3/4 in), multi-laminate, cross grain hardwood. This material provides the systems with the structural strength needed for secure, permanent, overhead suspension. It also enables the 4690 and

JBL Extended Range Playback Systems



4690

4695



4695 to withstand the wear and tear of portable disco use. The enclosures are coated with a durable black polyurethane paint for maximum resistance to wear.

Each system also comes complete with a flush fitting cover that allows the enclosure to function as its own portable road case. For permanent installations, the covers may be used to protect transducers and grilles when the system is not in use. Additional protection is provided by specially designed polycarbonate corner guards. Virtually indestructible, these guards are engineered to permit secure vertical and horizontal stacking.

To help simplify life on the road with a portable disco system, the 4690 and 4695 incorporate flush mounted, pro-

fessional road handles and a unique input connection system. The handles feature large rubber grips for ease in handling and lock in place to prevent vibration during an engagement. Input and external output phone-type jacks are protected by spring-loaded covers. These jacks are designed to short the speaker voice coil when there is no plug inserted in the input jack. This design prolongs driver life by minimizing cone bounce during handling and shipment.

Obviously, the only way you'll really be able to judge the 4690 and 4695 is to listen to them for yourself. So ask your local JBL professional products dealer for a demonstration. He'll show you just how simple high performance can be.

4690 Full Range. Specifically engineered for high level, full range, music playback, the 4690 is a compact, two-way loudspeaker system that combines high efficiency, controlled dispersion, wide frequency response (40 Hz - 20 kHz), and extremely low distortion. The system utilizes an E140 380 mm (15 in) low frequency transducer, a 2410 high frequency compression driver, JBL's new 2306 high frequency exponential horn, and a specially designed frequency dividing network.

This combination of innovative components results in highly predictable system performance and excellent dispersion control. Complete coverage of typical listening areas may be easily accomplished with a minimum number of systems. The high frequency level control allows the system's frequency response to be tailored to suit individual taste or room requirements. For ease of adjustment, the level control projects through the speaker grille frame.

The JBL 4690 may be used alone or in conjunction with JBL model 4695 subwoofers. The system is ideal for installation in night clubs, discotheques, roller discos, theaters, or any application requiring high acoustic output and uncompromising sound quality.

4695 Subwoofer. Designed to deliver maximum levels of low distortion bass, the 4695 features JBL's massive new E155 460 mm (18 in) loudspeaker housed in an optimally tuned, reflex enclosure. The 4695 reproduces low frequency program material with incredible punch and clear, crisp overtones. The system's high efficiency, accuracy, and ability to handle full power (300 watts continuous sine wave) down to 30 Hz make it an ideal choice for all subwoofer applications.



| Model | Frequency Range | Power Capacity | | Nominal Impedance | Sensitivity ¹ 1 W, 1 m (3.3 ft) | Crossover Frequency | Enclosure Volume | Exterior Dimensions (Height x Width x Depth) | Net Weight |
|-------|-----------------|------------------------|----------------------|-------------------|---|---------------------|-----------------------------------|---|---|
| | | (Continuous Sine Wave) | (Continuous Program) | | | | | | |
| 4690 | 40 Hz - 20 kHz | 200 W | 400 W | 8 Ω | 103 dB SPL | 1.5 kHz | 127 litres 4.5 ft ³ | 767 mm x 512 mm x 478 mm 30 ³ / ₁₆ in x 20 ¹ / ₈ in x 18 ¹ / ₁₆ in | 47.3 kg 104 ¹ / ₂ lb |
| 4695 | 30 Hz - 2 kHz | 300 W | 600 W | 8 Ω | 100 dB SPL | N/A | 283 litres 10 ft ³ | 1021 mm x 751 mm x 478 mm 40 ³ / ₁₆ in x 29 ⁹ / ₁₆ in x 18 ¹ / ₁₆ in | 36.6 kg 80 ¹ / ₂ lb |

1. Sensitivity measured with an input averaged from 500 Hz to 2.5 kHz.

Accessories



2903 High Frequency Power Pack. Intended for use in the 4690 Full Range system, the 2903 power pack consists of a 2402 ring radiator, 3 kHz frequency dividing network, and continuously variable level control. The 2903 will increase system high frequency output by as much as 10 dB, giving program material exceptional presence, clarity, and definition. Each 4690 Full Range system features pre-cut mounting holes to simplify power pack installation.



5234 Electronic Frequency Dividing Network. The JBL 5234 dual channel electronic frequency dividing network is designed for bi-amplification of two independent systems, or tri-amplification of one three-way system. Crossover frequencies are selected by inserting accessory printed circuit cards into each channel's circuitry. Cards are available with either 12 dB or 18 dB per octave filter slopes. Each channel features a continuously variable high frequency shelving control.

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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