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JBL Cabaret Series

Take some of the work out of being a working musician.

As a musician you know that your stage show requires quality, high-performance sound products. Products that let your audience feel, as well as hear, every note. Unfortunately, this kind of professional performance has traditionally meant putting up with massive, complex arrays of equipment that could require hours of extra work to set up and tear down.

At JBL we have the alternative for you. We call it our Cabaret Series. And it includes the most advanced compact musical sound systems ever offered by JBL.

Designed for Performance

To ensure that performance we developed each Cabaret system around JBL musical instrument loudspeakers. Speakers that are known by musicians around the world for their remarkable efficiency, reliability, and power capacity. Next we matched those components with optimally tuned enclosures that were engineered specifically for each intended application. Finally, we equalized each system to match the sound characteristics of the instrument it will reproduce. The result is a series of systems that require very little power to operate yet can handle high levels of program material effortlessly. Systems that provide an ideal balance between high performance and practical size.

Designed for Durability

Of course even the best sounding speaker systems can be a problem if they can't take the wear and tear of the road. So each Cabaret Series enclosure is crafted from architecturally braced, 18 mm (¾ in), Baltic Birch plywood. It's simply the most rugged material available for the job.

But the protection doesn't end there. Each system also comes complete with a flush-fitting cover to allow the enclosure to function as its own road case. Added protection is provided by specially designed polycarbonate corner guards (except on 4602 Monitor). Virtually indestructible, these guards are also engineered to permit secure vertical stacking. The finish is a durable black polyurethane paint that can withstand drops, kicks, and wear.

And because we know that every small detail is important, we've paid close attention to every facet of the Cabaret Series' design. Each system, for instance, features flush-mounted professional road handles that lock in place to prevent unwanted vibration and noise during a performance. Input and external output jacks are protected by spring-loaded covers. Additionally, the speaker voice coils are automatically shorted when no plug is in the input jack. This prolongs the life of the

speaker by minimizing cone bounce during handling and shipment.

You Decide

Naturally, the only way you'll really know if the Cabaret Series systems are right for you is to hear them for yourself. So ask your local JBL dealer for a demonstration. We think you're going to find that they'll let you spend a lot less time working on your equipment and a lot more time working on your music.



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4602

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The Systems

4602 Monitor Smooth, wide frequency response (50 Hz - 15 kHz), uncolored reproduction and high directivity make the 4602 an ideal stage monitor, acoustic instrument system or small general purpose vocal reinforcement system. A wedge-shaped enclosure allows the 4602 to stand upright (for sound reinforcement use) or at a 30 or 60 degree angle to the floor (for stage monitor use). The enclosure houses a 300 mm (12 in) loudspeaker, a 2402 high frequency ring radiator, and a specially designed crossover network: a system that is accurate, highly efficient, and can handle up to 150 watts continuous sine wave power.

4621 Lead Guitar The matchless JBL E130 380 mm (15 in) extended range loudspeaker mounted in an enclosure designed specifically for electric guitar. High accuracy, high efficiency, high power capacity, and the famous JBL sound.

4622 Lead Guitar The unmistakable JBL sound quality will satisfy even the most critical musician. Two 300 mm (12 in) loudspeakers mounted in an enclosure engineered specifically for lead guitar work do the job the way it was meant to be done—with high efficiency, high accuracy and the ability to handle up to 300 watts continuous sine wave power.

4623 Acoustic Guitar / Vocal Reinforcement Adding a 2402 high frequency ring radiator and a specially designed crossover network to the 4621 creates a system that is ideal for acoustic guitar or vocal reinforcement applications.

4625 Bass Guitar Pure, punchy bass at any sound pressure level: the product of a 380 mm (15 in) E140 low frequency loudspeaker performing in a carefully designed enclosure. The combination of high efficiency and high power handling capacity allows the system to handle up to 200 watts continuous sine wave power.

4627 Keyboard Specially designed for organ and piano, with a superb bottom end for clean pedal tones, the 4627 is characterized by extremely low distortion and a wide frequency range (35 Hz - 20 kHz). An E145 380 mm (15 in) loudspeaker, a 2901A High Frequency Power Pack, and a specially designed crossover network provide high accuracy and outstanding definition.

4680 Line Array JBL's remarkable 4682 line array housed in a Cabaret Series enclosure. Four 250 mm (10 in) loudspeakers and a 2902 High Frequency Power Pack (two 2402s and a crossover network) deliver a very natural sound—clean, crisp, and clear—over a wide frequency range of 55 Hz to 15 kHz. The 4680 is ideal for any application requiring high power capacity, maximum sound pressure level output, and uncompromising sound quality.



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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)						
4602	50 Hz - 15 kHz	150 W	300 W	8 Ω	103 dB SPL	3 kHz	42 litres 1.5 ft ³	508 mm x 406 mm x 374 mm 20 in x 16 in x 14 ¹¹ / ₁₆ in	19.1 kg 42 lb
4621	50 Hz - 6 kHz	150 W	300 W	8 Ω	105 dB SPL	N/A	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 ¹³ / ₁₆ in	18.3 kg 40 ¹ / ₄ lb
4622	50 Hz - 6 kHz	300 W	600 W	4 Ω	106 dB SPL	N/A	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 ¹³ / ₁₆ in	31.2 kg 68 ³ / ₅ lb
4623	50 Hz - 15 kHz	150 W	300 W	8 Ω	105 dB SPL	3 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 ¹³ / ₁₆ in	20.8 kg 45 ³ / ₄ lb
4625	40 Hz - 2.5 kHz	200 W	400 W	8 Ω	100 dB SPL	N/A	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 ¹³ / ₁₆ in	18.3 kg 40 ¹ / ₄ lb
4627	35 Hz - 20 kHz	150 W	300 W	8 Ω	98 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 ¹³ / ₁₆ in	28 kg 61 ¹ / ₂ lb
4680	55 Hz - 15 kHz	300 W	600 W	8 Ω	105 dB SPL	3 kHz	142 litres 5 ft ³	1322 mm x 402 mm x 372 mm 52 ⁵ / ₁₆ in x 16 ¹³ / ₁₆ in x 14 ⁵ / ₈ in	43.8 kg 96 lb

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

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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