
2150
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2110
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2105

2105 130-mm (5-in) Speech Range

A powerful midrange loudspeaker providing high acoustic output, smooth response and wide dispersion. Well suited for in-line arrays and distributed ceiling installations for natural-sounding paging systems or limited bandwidth music reproduction. The 2105 is also useful as a midrange driver in medium efficiency monitor systems.

2115 200-mm (8-in) Full Range

Natural wide-range performance with peak-free response and freedom from distortion through more than eight octaves. The 2115 can be used in distributed systems as a single-unit monitor or in column array for moderate level, high quality reinforcement.

2145 300-mm (12-in) Composite

An integrated system consisting of a 300-mm (12-in) low frequency loudspeaker, separate 50-mm (2-in) high frequency direct radiator and 3-kHz frequency dividing network. Often used as a monitor system in limited space applications, its frame is shallow enough to allow installation within wall or ceiling structures for distributed music and paging systems.

2150 380-mm (15-in) Composite

Ideally suited for maximum intelligibility, high level paging systems and distributed reinforcement in large areas. It consists of a 380-mm (15-in) low frequency loudspeaker and a 130-mm (5-in) direct radiator integrated on a single frame. The 2150 may be installed in ported enclosures or in a 4530 low frequency horn. (The 3125, a 1200-Hz network, is optional.)

JBL Professional Series extended range loudspeakers are rugged, precision transducers for use in custom line arrays, distributed source installations and general applications. Frequency range extending through the major portion of the audio spectrum allows their use as single-driver systems; for reproduction of the extreme high frequencies each may be augmented by a compression driver equipped with the appropriate horn and acoustic lens. These drivers incorporate precisely machined, highly efficient magnetic assemblies; large edge-wound aluminum voice coils; and shallow, curvilinear cones. Pneumatically formed aluminum center domes provide high frequency reproduction.

Special Duty Loudspeakers

	Nominal Diameter	Nominal Impedance	Power Capacity (Continuous Program)	Sensitivity[1] 1 W, 1 m (3.3 ft)	Sensitivity[1] 1 mW, 30 ft (9.1 m)	Frequency Range	Nominal Free Air Resonance	Voice Coil Diameter	Voice Coil Material	Magnetic Assembly Weight	Flux Density	Recommended Enclosure Volume	Depth	Net Weight
2105	130 mm 5 in	8Ω	40 W	95 dB SPL	46 dB SPL	150 Hz - 15 kHz	200 Hz	22 mm ⅞ in	Copper	1.2 kg 2¾ lb	1.65 T (16,500 gauss)	6 litres 0.2 ft³	76 mm 3⅛ in	1.4 kg 3 lb
2115	200 mm 8 in	8Ω or 16Ω	40 W	92 dB SPL	43 dB SPL	40 Hz - 15 kHz	55 Hz	51 mm 2 in	Aluminum	3 kg 6⅝ lb	0.85 T (8500 gauss)	28 - 56 litres 1 - 2 ft³	98 mm 3⅞ in	3.6 kg 8 lb
2145 Low Frequency	300 mm 12 in	8Ω	35 W	92 dB SPL	43 dB SPL	40 Hz - 15 kHz	30 Hz	76 mm 3 in	Copper	3 kg 6½ lb	1 T (10,000 gauss)	57 - 85 litres 2 - 3 ft³	111 mm 4⅜ in	4.3 kg 9½ lb
High Frequency	50 mm 2 in							16 mm ⅝ in	Copper	0.7 kg 1½ lb	1.2 T (12,000 gauss)			
2150 Low Frequency	380 mm 15 in	8Ω	50 W	100 dB SPL	51 dB SPL	50 Hz - 12 kHz	55 Hz	102 mm 4 in	Copper	5.7 kg 12½ lb	1.15 T (11,500 gauss)	169 litres 6 ft³	146 mm 5¾ in	7.2 kg 15⅞ lb
High Frequency	130 mm 5 in							22 mm ⅞ in	Copper	1.2 kg 2¾ lb	1.65 T (16,500 gauss)			
Extended Range Loudspeakers														
2110	200 mm 8 in	8Ω	20 W	97 dB SPL	48 dB SPL	60 Hz - 10 kHz	60 Hz	51 mm 2 in	Aluminum	1.6 kg 3⅝ lb	0.9 T (9,000 gauss)	56 - 85 litres 2 - 3 ft³	79 mm 3⅛ in	2 kg 4½ lb
2120	250 mm 10 in	8Ω	60 W	98 dB SPL	49 dB SPL	50 Hz - 8 kHz	65 Hz	76 mm 3 in	Aluminum	3 kg 6½ lb	1.02 T (10,200 gauss)	85 - 113 litres 3 - 4 ft³	111 mm 4⅜ in	3.7 kg 8¼ lb
2130	300 mm 12 in	8Ω	100 W	101 dB SPL	52 dB SPL	50 Hz - 5 kHz	60 Hz	102 mm 4 in	Aluminum	5.9 kg 13 lb	1.2 T (12,000 gauss)	85 - 169 litres 3 - 6 ft³	127 mm 5 in	6.8 kg 15 lb
2135	380 mm 15 in	8Ω	100 W	103 dB SPL	54 dB SPL	40 Hz - 5 kHz	40 Hz	102 mm 4 in	Aluminum	5.9 kg 13 lb	1.2 T (12,000 gauss)	113 - 169 litres 4 - 6 ft³	146 mm 5¾ in	7.5 kg 16½ lb

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

JBL PRODUCT NEWS

2145 12-INCH COMPOSITE TRANSDUCER

Specifications:

Frequency Response	40-15,000 Hz ± 3 dB in 6 cu. ft. cabinet
Sensitivity[1]	43 dB
Dispersion	80° at 2000 Hz 120° at 1000 Hz
Impedance	8 ohms
Voice Coil Diameters	3-inch low frequency, 9/16-inch high frequency
Power Capacity	35 watts program
Flux Density	LF 10,400 gauss HF 12,000 gauss
Crossover Frequency	3000 Hz
Depth	4-3/8"
Net Weight	4.6 kg (10 lb)

1. Sensitivity measured at 30 feet (9.1 m) with a 1-mW input warbled from 500 to 2500 Hz.

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