

SPECIFICATIONS.



L890

L880

L830

L820

L810

LC1

LC2

L8400P

Description	4-Way Dual 8" (200mm) Floorstanding Speaker	4-Way Dual 6" (150mm) Floorstanding Speaker	3-Way 6" (150mm) Bookshelf Speaker	4-Way 6" (150mm) High-Performance, Mirror-Image, Wall-Mount Satellite Speaker	3-Way 5-1/4" (130mm) Bookshelf/Wall-Mount Satellite Speaker
Maximum Recommended Amplifier Power*	250W	200W	150W	150W	150W
Power Handling (Continuous/Peak)	125W/500W	100W/400W	75W/300W	75W/300W	75W/300W
Nominal Impedance	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms
Sensitivity (2.83V/1m)	91dB	91dB	90dB	90dB	88dB
Frequency Response (±3dB)	28Hz – 40kHz	30Hz – 40kHz	48Hz – 40kHz	55Hz – 40kHz	60Hz – 40kHz
Crossover Frequencies	700Hz, 5kHz, 20kHz	700Hz, 5kHz, 20kHz	2.5kHz, 20kHz	600Hz, 3.5kHz, 20kHz	3.5kHz, 20kHz
Ultrahigh-Frequency Driver	3/4" (19mm) Mylar®-dome, cast-aluminum chassis, mounted in a Bi-Radial® horn				
High-Frequency Transducer	1" (25mm) Pure-titanium-dome in JBL EOS™ waveguide, cast-aluminum chassis				
Midrange Transducer	4" (100mm) PolyPlas™ cone with rubber surround, cast-aluminum chassis, HeatScape™ motor structure (except L830 and L810)				
Low-Frequency Transducer(s)	Dual 8" (200mm) PolyPlas™ cones with rubber surrounds, cast-aluminum chassis, HeatScape™ motor structures, Symmetrical Field Geometry™ (SFG™), oversized Kapton® voice coils, magnetic shorting rings	Dual 6" (150mm) PolyPlas™ cones with rubber surrounds, cast-aluminum chassis, HeatScape™ motor structures, Symmetrical Field Geometry™ (SFG™), oversized Kapton® voice coils, magnetic shorting rings	6" (150mm) PolyPlas™ cone with rubber surround, cast-aluminum chassis, HeatScape™ motor structure, Symmetrical Field Geometry™ (SFG™), oversized Kapton® voice coil, magnetic shorting ring	6" (150mm) PolyPlas™ cone with rubber surround, cast-aluminum chassis, HeatScape™ motor structure, Symmetrical Field Geometry™ (SFG™), oversized Kapton® voice coil, magnetic shorting ring	5-1/4" (130mm) PolyPlas™ cone with rubber surround, cast-aluminum chassis, HeatScape™ motor structure, Symmetrical Field Geometry™ (SFG™), oversized Kapton® voice coil, magnetic shorting ring
Magnetic Shielding	Yes				
Baffle	Low-diffraction, IsoPower™ baffle				
Port	FreeFlow™ on front	FreeFlow™ on front	FreeFlow™ on rear	Sealed enclosure	Dual FreeFlow™ on front
Network	Straight-Line Signal Path™ (SSP™)				
Terminals	Gold-plated, 5-way binding posts, bi-wirable				
Dimensions (H x W x D) (including feet)	42-1/4" x 10-1/4" x 15" (1073mm x 259mm x 380mm)	39" x 8-3/4" x 14-3/4" (991mm x 222mm x 370mm)	15-1/4" x 8-3/4" x 12-3/4" (385mm x 222mm x 320mm)	12-1/4" x 15-1/2" x 5" (311mm x 391mm x 127mm)	14-1/4" x 12-1/4" x 5" (362mm x 311mm x 127mm)
Weight per Speaker	60 lb (27.3kg)	54 lb (24.5kg)	22 lb (10kg)	19 lb (8.6kg)	14 lb (6.4kg)
General	Cast-aluminum feet; 5/16" (8mm) floor spikes, single-packed	Pair-packed	Wall-mount hardware included; wall- or corner-mount		

Description	3-Way Dual 5-1/4" (130mm) Center Speaker	4-Way Dual 6" (150mm) Wall-Mount, Center Speaker
Maximum Recommended Amplifier Power*	150W	150W
Power Handling (Continuous/Peak)	75W/300W	75W/300W
Nominal Impedance	8 Ohms	8 Ohms
Sensitivity (2.83V/1m)	91dB	92dB
Frequency Response (±3dB)	55Hz – 40kHz	50Hz – 40kHz
Crossover Frequencies	3kHz, 20kHz	700Hz, 4kHz, 20kHz
Ultrahigh-Frequency Driver	3/4" (19mm) Mylar®-dome, cast-aluminum chassis, mounted in a Bi-Radial® horn	
High-Frequency Transducer	1" (25mm) Pure-titanium-dome in JBL EOS™ waveguide, cast-aluminum chassis	
Midrange Transducer	N/A	4" (100mm) PolyPlas™ cone with rubber surround, cast-aluminum chassis, HeatScape™ motor structure
Low-Frequency Transducer(s)	Dual 5-1/4" (130mm) PolyPlas™ cones with rubber surrounds, cast-aluminum chassis, HeatScape™ motor structures, Symmetrical Field Geometry™ (SFG™), oversized Kapton® voice coils, magnetic shorting rings	Dual 6" (200mm) PolyPlas™ cones with rubber surrounds, cast-aluminum chassis, HeatScape™ motor structures, Symmetrical Field Geometry™ (SFG™), oversized Kapton® voice coils, magnetic shorting rings
Magnetic Shielding	Yes	
Baffle	Low-diffraction, IsoPower™ baffle	
Port	FreeFlow™ on rear	Sealed enclosure
Network	Straight-Line Signal Path™ (SSP™)	
Terminals	Gold-plated, 5-way binding posts, bi-wirable	
Dimensions (H x W x D)	7-1/2" x 21" x 10" (191mm x 533mm x 254mm)	12-1/4" x 22" x 5" (311mm x 559mm x 127mm)
Weight per Speaker	23 lb (10.5kg)	29 lb (13.2kg)
General	Single-packed	Wall-mount hardware included, single-packed

Description	12" (300mm) High-Performance Compact Powered Subwoofer
Amplifier Power (RMS)	600W
Peak Dynamic Power**	1200W
Bass Driver	12" (300mm) PolyPlas™ cone with rubber surround, cast-aluminum chassis, HeatScape™ motor structure, Symmetrical Field Geometry™ (SFG™), oversized fiberglass voice coil, magnetic shorting ring
Frequency Response (±3dB)	22Hz to low-pass crossover setting
Low-Pass Crossover Frequencies	50Hz – 150Hz, continuously adjustable (150Hz when using speaker-level connection)
Inputs	Gold-plated, 5-way binding-post speaker-level; left and right line-level, switchable to LFE
Outputs	Gold-plated, 5-way binding-post speaker-level
Enclosure	Sealed
Baffle	Low-diffraction, IsoPower™
Dimensions (H x W x D)	16-1/2" (15-1/2" without feet) x 15-1/2" x 15-1/2" (419mm [394mm without feet] x 394mm x 394mm)
Weight per Speaker	58 lb (26.4kg)



All models available in a Black Ash, Beech or Cherry finish, with a Charcoal grille. Features, specifications and appearance are subject to change without notice.

*The maximum recommended amplifier power rating will ensure proper system headroom to allow for occasional peaks. We do not recommend sustained operation at these maximum power levels.

**The Peak Dynamic Power is measured by recording the highest peak-to-center voltage produced by the power amplifier with its limiters disabled, across the output of a resistive load equal to minimum impedance of the transducer, using a 50Hz sine wave burst, 3 cycles on, 17 cycles off.

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