



JBL

by **HARMAN**

JBL[®] SPECIFICATIONS
2011-2012

SPECIFICATIONS

STUDIO MONITOR SERIES



**STUDIO MONITOR
4429**



**STUDIO MONITOR
4365**



**STUDIO MONITOR
4319**

Description	High-Performance Compression Driven System	The Newest Iteration of a Classic JBL Design	3-Way Studio Monitor
Low-frequency transducer	300mm (12") pure-pulp cone woofer 1200FE-8	380mm (15") three-layer cone with a 100mm (4") voice coil, damped accordion surround and Vented Gap 1501FE	300mm (12") white pure pulp cone driver with rubber surround (2213Nd-1)
Midrange transducer	N/A	N/A	125mm (5") inverted-dome driver with magnesium/aluminium alloy diaphragm (105H-2)
High-frequency transducer	50mm (3/4") titanium diaphragm 175Nd-3	100mm (4") compression driver with magnesium alloy 476MG	25mm (1") tweeter pure titanium dome (054ALMg-1)
Ultrahigh-frequency transducer	19mm (3/4") titanium diaphragm 138Nd	25mm (1") compression driver with titanium diaphragm 045TI-1	N/A
Recommended amplifier power	200 watts RMS	300 watts RMS	200 watts RMS
Frequency response	38Hz – 45kHz (–6dB)	28Hz – 40kHz (–6dB, anechoic)	50Hz – 40kHz (–6dB)
Nominal impedance	6 ohms	8 ohms	6 ohms
Sensitivity	91dB (2.83V/1m)	93dB (2.83V/1m)	92dB (2.83V/1m)
Crossover frequencies	800Hz, 7kHz	750Hz, 15kHz	650Hz, 2200Hz
Dimensions (H x W x D)	400mm x 635mm x 300mm (15-3/4" x 25" x 12")	1046mm x 598mm x 430 mm (41-1/4" x 23-1/2" x 17")	597mm x 362mm x 299/302mm with grille (23-1/2" x 14-1/4" x 12"/11-7/8")
Weight	32.3kg (71 lb)	85kg (190 lb)	16.3kg (35.9 lb)

STUDIO MONITOR SERIES



**STUDIO MONITOR
4312 E**



**STUDIO MONITOR
4307**



**STUDIO MONITOR
4312MIWX**

Description	3-Way Studio Monitor	3-Way Control Monitor Loudspeaker	3-Way Compact Monitor Loudspeaker
Low-frequency transducer	300mm (12") white pure pulp cone driver with rubber surround	250mm (10") white pure pulp cone driver with rubber surround	133mm (5-1/4") white pure pulp cone driver with pleated cloth surround
Midrange transducer	125mm (5") polymer-coated, pure-pulp cone driver	125mm (5") polymer-coated pure pulp cone driver	50mm (2") pure pulp cone driver with pleated cloth surround
High-frequency transducer	25mm (1") tweeter	38mm (1-1/2") tangential ring diaphragm on a cast aluminium horn	19mm (3/4") tempered pure titanium dome
Ultrahigh-frequency transducer	N/A	N/A	N/A
Recommended amplifier power	100 watts RMS	150 watts	75 watts
Frequency response	40Hz – 40kHz (–6dB)	45Hz – 45kHz (–6dB)	55Hz – 50kHz (–6dB)
Nominal impedance	6 ohms	6 ohms	6 ohms
Sensitivity	93dB (2.83V/1m)	91dB (2.83V/1m)	90dB (2.83V/1m)
Crossover frequencies	2000Hz, 5000Hz	1.5kHz, 6.5kHz	7kHz, 12kHz
Dimensions (H x W x D)	597mm x 362mm x 298/301mm with grille (23-1/2" x 14-1/4" x 12"/11-7/8")	545mm x 328mm x 300mm (21-7/16" x 12-15/16" x 11-13/16")	300mm x 181mm x 180mm (11-13/16" x 7-1/8" x 7-1/16")
Weight	18.1kg (39.5 lb)	16.7kg (36.7 lb)	4.0kg (8.8 lb)

SPECIFICATIONS

TI SERIES TL 260



TL260

Description	Five-Way Floorstanding Speaker
Max. recommended amplifier power[†]	250W
Frequency response (-3dB)	32Hz – 40kHz
Power handling	125W/500W (continuous/peak)
Sensitivity (2.83V/1m)	92dB
Nominal impedance	8 ohms
Crossover frequencies	280Hz, 1.2kHz, 4.5kHz, 20kHz
Ultrahigh-frequency transducer	19mm (3/4") Mylar® dome
High-frequency transducer	25mm (1") pure-titanium dome in EOS waveguide
Midrange transducer	100mm (4") PolyPlas™ cone with rubber surround and cast-aluminum chassis; HeatScape™ motor structure
Mid-bass transducer	150mm (6") PolyPlas cone with rubber surround and cast-aluminum chassis; HeatScape motor structure
Low-frequency transducer	300mm (12") PolyPlas cone with rubber surround and cast-aluminum chassis; HeatScape motor structure; Symmetrical Field Geometry™ (SFG); high-temperature, oversized Kapton® voice coil; magnetic shorting ring
Magnetic shielding	Yes
Terminals	Gold-plated binding posts, bi-wirable
Dimensions (H x W x D)	1194mm x 508mm x 330mm (47" x 20" x 13")
Weight	38.2kg (84 lb)

[†] The maximum recommended amplifier power rating will ensure proper system headroom to allow for occasional peaks. JBL does not recommend sustained operation at these maximum power levels.



SPECIFICATIONS

ES SERIES



ES100



ES90



ES80



ES30

Description	Floorstanding Speaker	Floorstanding Speaker	Floorstanding Speaker	Bookshelf Speaker
Frequency response (-3dB)	32Hz – 40kHz	36Hz – 40kHz	45Hz – 40kHz	50Hz – 40kHz
Max. recommended amplifier power†	250 watts	225 watts	200 watts	125 watts
Power handling	125W continuous/500W peak	110W continuous/440W peak	100W continous/400W peak	70W continuous/280W peak
Crossover frequency	450Hz, 3kHz @ 24dB/octave; 12kHz @ 18dB/octave	500Hz, 3kHz @ 24dB/octave; 12kHz @ 18dB/octave	700Hz, 3.6kHz @ 24dB/octave; 12kHz @ 18dB/octave	3kHz @ 24dB/octave; 9kHz @ 18dB/octave
Sensitivity (2.83V/1m)	91dB	91dB	91dB	88dB
Nominal impedance	8 ohms	8 ohms	8 ohms	8 ohms
Low-frequency transducer(s)	Dual 250mm (10") PolyPlas, [™] shielded	Dual 200mm (8") PolyPlas, [™] shielded	Dual 170mm (6") PolyPlas, [™] shielded	170mm (6") PolyPlas, [™] shielded
Midrange transducer	100mm (4") PolyPlas, shielded	100mm (4") PolyPlas, shielded	100mm (4") PolyPlas, shielded	N/A
High-frequency transducer	19mm (3/4") titanium-laminate dome, shielded; EOS waveguide	19mm (3/4") titanium-laminate dome, shielded; EOS waveguide	19mm (3/4") titanium-laminate dome, shielded; EOS waveguide	19mm (3/4") titanium laminate dome, shielded; EOS waveguide
Ultrahigh-frequency transducer	19mm (3/4") polyester-film ring radiator, shielded; EOS waveguide	19mm (3/4") polyester-film ring radiator, shielded; EOS waveguide	19mm (3/4") polyester-film ring radiator, shielded; EOS waveguide	19mm (3/4") polyester-film ring radiator, shielded; EOS waveguide
Dimensions (H x W x D)	1189mm x 305mm x 422mm (45-1/4" x 12" x 16-5/8")	1084mm x 260mm x 384mm (42-11/16" x 10-1/4" x 15-1/8")	1084mm x 223mm x 330mm (42-11/16" x 8-3/4" x 13")	387mm x 223mm x 330mm (15-1/4" x 8-3/4" x 13")
Weight	29kg (63.9 lb)	24.2kg (53.4 lb)	21kg (46.3 lb)	8.9kg (19.6 lb)

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

ES SERIES



ES20



ES10



ES25C

Description	Bookshelf Speaker	Bookshelf/Wall-Mount Speaker	Centre Channel Speaker
Frequency response (-3dB)	60Hz – 40kHz	65Hz – 40kHz	80Hz – 40kHz
Max. recommended amplifier power[†]	125 watts	100 watts	150 watts
Power handling	60W continuous/240W peak	50W continuous/200W peak	75W continuous/300W peak
Crossover frequency	3.3kHz @ 24dB/octave; 12kHz @ 18dB/octave	3kHz @ 24dB/octave; 9kHz @ 18dB/octave	3kHz @ 24dB/octave; 12kHz @ 18dB/octave
Sensitivity (2.83V/1m)	86dB	86dB	90dB
Nominal impedance	8 ohms	8 ohms	8 ohms
Low-frequency transducer(s)	130mm (5") PolyPlas, [™] shielded	100mm (4") PolyPlas, [™] shielded	Dual 130mm (5") PolyPlas, [™] shielded
Midrange transducer	N/A	N/A	N/A
High-frequency transducer	19mm (3/4") titanium-laminate dome, shielded; EOS waveguide	19mm (3/4") titanium-laminate dome, shielded; EOS waveguide	19mm (3/4") titanium-laminate dome, shielded; EOS waveguide
Ultrahigh-frequency transducer	19mm (3/4") polyester-film ring radiator, shielded; EOS waveguide	19mm (3/4") polyester-film ring radiator, shielded; EOS waveguide	19mm (3/4") polyester-film ring radiator, shielded; EOS waveguide
Dimensions (H x W x D)	318mm x 174mm x 203mm (12-1/2" x 6-7/8" x 8")	201mm x 305mm x 140mm (7-7/8" x 12" x 5-1/2")	178mm x 476mm x 254mm (7" x 18-3/4" x 10")
Weight	4.6kg (10.3 lb)	4.0kg (8.8 lb)	7.6kg (16.7 lb)



ES250PW



ES150P

Description	Powered Subwoofer, Wireless	Powered Subwoofer
Frequency response	50Hz – 150Hz	27Hz – 150Hz
Amplifier RMS power	400 watts	300 watts
Amplifier peak dynamic power^{††}	700 watts	500 watts
Crossover frequency	50Hz–150Hz; 24dB/octave, continuously variable	
Driver	300mm (12") PolyPlas [™]	250mm (10") PolyPlas [™]
Dimensions (H x W x D) (with grille)	502mm x 400mm x 454mm (19-3/4" x 15-3/4" x 7-7/8")	457mm x 337mm x 387mm (18" x 13-3/4" x 15-1/4")
Weight	19.5kg (43 lb)	17.7kg (39 lb)

[†] The maximum recommended amplifier power rating will ensure proper system headroom to allow for occasional peaks. JBL does not recommend sustained operation at these maximum power levels.

^{††} The peak dynamic power is measured by recording the highest centre-to-peak voltage measured across the output of a resistive load equal to the minimum impedance of the transducer, using a 50Hz sine wave burst, 3 cycles on, 17 cycles off.

SPECIFICATIONS

LS SERIES



LS80



LS60



LS40



LS CENTRE

Description	3-1/2-Way, Dual 200mm (8") Floorstanding Loudspeaker	3-1/2-Way, Dual 165mm (6-1/2") Floorstanding Loudspeaker	Three-Way, 165mm (6-1/2") Bookshelf Loudspeaker	Three-Way, Dual 165mm (6-1/2") Centre Speaker
Frequency response (-3dB)	46Hz – 38kHz	48Hz – 38kHz	50Hz – 38kHz	85Hz – 38kHz
Max. recommended amplifier power†	200W	150W	150W	150W
Power handling	100W continuous/ 400W peak	75W continuous/ 300W peak	75W continuous/ 300W peak	75W continuous/ 300W peak
Crossover frequency	400Hz @ 6dB/octave; 2.5kHz, 8kHz @ 24dB/octave	400Hz @ 6dB/octave; 2kHz, 8kHz @ 24dB/octave	2.6kHz @ 24dB/octave; 7kHz @ 24dB/octave	2.5kHz @ 24dB/octave; 9kHz @ 24dB/octave
Sensitivity (2.83V/1m)	90dB	87dB	87dB	88dB
Nominal impedance	6 ohms	6 ohms	6 ohms	6 ohms
Low-frequency transducer(s)	Dual 200mm (8"), shielded	Dual 165mm (6-1/2"), shielded	165mm (6-1/2") with cast-aluminum frames	Dual 165mm (6-1/2"), shielded
High-frequency transducer	50mm (2") pure-titanium compression driver; Bi-Radial® horn	50mm (2") pure-titanium compression driver; Bi-Radial® horn	50mm (2") pure-titanium compression driver; Bi-Radial® horn	50mm (2") pure-titanium compression driver; shielded; Bi-Radial® horn
Ultrahigh-frequency transducer	19mm (3/4") polyester-film ring radiator; neodymium magnet; EOS waveguide	19mm (3/4") polyester-film ring radiator; neodymium magnet; EOS waveguide	19mm (3/4") polyester-film ring radiator; neodymium magnet; EOS waveguide	19mm (3/4") polyester-film ring radiator; neodymium magnet; EOS waveguide
Dimensions (with feet)	1117mm x 259mm x 418mm (44" x 10-3/16" x 16-1/2")	1017mm x 222mm x 343mm (40" x 8-3/4" x 13-1/2")	499mm x 222mm x 343mm (19-5/8" x 8-3/4" x 13-1/2")	230mm x 672mm x 235mm (9" x 26-1/2" x 9-1/4")
Weight	35.6kg (78.5 lb)	26.6kg (58.6 lb)	13.5kg (29.8 lb)	14.4kg (31.7 lb)



LS120P

Description	400-watt, 300mm (12") Powered Subwoofer
Frequency response	25Hz – 150Hz
Amplifier RMS power	400 watts
Amplifier peak dynamic power††	700 watts
Crossover frequency	50Hz–150Hz; 24dB/octave, continuously variable
Driver	300mm (12") PolyPlas™
Dimensions (H x W x D) (with grille)	510mm x 375mm x 438mm (20-1/16" x 14-3/4" x 7-1/4")
Weight	25.8kg (57 lb)

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

†† The peak dynamic power is measured by recording the highest centre-to-peak voltage measured across the output of a resistive load equal to the minimum impedance of the transducer, using a 50Hz sine wave burst, 3 cycles on, 17 cycles off.

STUDIO 5 SERIES



STUDIO 590



STUDIO 580



STUDIO 530



STUDIO 520C



SUB 550P

Description	Dual 200mm (8") Floorstanding Loudspeaker with High-Frequency Compression Driver in a Horn and Classic JBL Bass	Dual 165mm (6-1/2") Floorstanding Loudspeaker with High-Frequency Compression Driver in a Horn and Classic JBL Bass	130mm (5-1/4") Bookshelf Loudspeakers with High-Frequency Compression Driver in a Horn and Classic JBL Bass	Dual 100mm (4") Centre Channel Loudspeaker with High-Frequency Compression Driver in a Horn and Classic JBL Bass
Frequency response (-6dB)	35Hz – 40kHz	40Hz – 40kHz	45Hz – 40kHz	60Hz – 40kHz
Power handling	250 watts	200 watts	125 watts	150 watts
Crossover frequency	1.5kHz	1.5kHz	1.5kHz	1.5kHz
Sensitivity (2.83V/1m)	92dB	90dB	86dB	88dB
Nominal impedance	6 ohms	6 ohms	6 ohms	6 ohms
Low-frequency transducer(s)	Two 200mm (8") PolyPlas cones with SFG magnet structures, cast frames and rubber surrounds, magnetically shielded	Two 165mm (6-1/2") PolyPlas cones with SFG magnet structures, cast frames and rubber surrounds, magnetically shielded	130mm (5-1/4") PolyPlas cone with SFG magnet structure, cast frame and rubber surround, magnetically shielded	Two 100mm (4") PolyPlas cones with SFG magnet structures, cast frames and rubber surrounds, magnetically shielded
Midrange transducer	N/A	N/A	N/A	N/A
High-frequency transducer	25mm (1") compression driver with neodymium magnet and one-piece Teonex diaphragm on a glass-filled ABS Bi-Radial horn, magnetically shielded	25mm (1") compression driver with neodymium magnet and one-piece Teonex diaphragm on a glass-filled ABS Bi-Radial horn, magnetically shielded	25mm (1") compression driver with neodymium magnet and one-piece Teonex diaphragm on a glass-filled ABS Bi-Radial horn, magnetically shielded	25mm (1") compression driver with neodymium magnet and one-piece Teonex diaphragm on a glass-filled ABS Bi-Radial horn, magnetically shielded
Dimensions (H x W x D)	1263mm x 322mm x 413mm (49-3/4" x 12-11/16" x 16-1/4")	1069mm x 250mm x 348mm (42-1/16" x 9-7/8" x 13-3/4")	467mm x 214mm x 222mm (18-3/8" x 8-7/16" x 8-3/4")	172mm x 555mm x 168mm (6-3/4" x 21-7/8" x 6-5/8")
Weight	31.5kg (69.5 lb)	22.2kg (49 lb)	7.7kg (17 lb)	7.5kg (16.6 lb)

Description	300-Watt, 10" (250mm) Powered Subwoofer
Low-frequency transducer	10" (250mm) PolyPlas cone, cast basket
Amplifier power	300W RMS; 500W peak
Enclosure type	Sealed (forward-firing)
Frequency response (-3dB)	27Hz – 150Hz
Line-level inputs	LFE
Subwoofer-level control	Yes, continuous adjustment
Phase switch	0, 180°
Music sense turn-on	Yes
Trigger input turn-on	No
Low-pass filter switch	50 – 150Hz, continuous adjustment
Dimensions (H x W x D)	444mm x 379mm x 380mm (17-1/2" x 14-29/32" x 14-31/32")
Weight	23kg (50 lb)

SPECIFICATIONS

STUDIO 1 SERIES



	STUDIO 190	STUDIO 180	STUDIO 130	STUDIO 120C
Description	3-1/2-way Dual Floorstanding	Three-way Floorstanding	Two-way Bookshelf	2-1/2-way Dual Centre Channel
Frequency response (-3dB)	40Hz – 22kHz	45Hz – 22kHz	60Hz – 22kHz	60Hz – 22kHz
Power handling	100W continuous/ 400W peak	90W continuous/ 360W peak	60W continuous/ 240W peak	60W continuous/ 240W peak
Crossover frequency	800Hz, 3.2kHz, 6dB/octave Straight-Line Signal Path	800Hz, 3.2kHz, 6dB/octave Straight-Line Signal Path	3kHz, 12dB/octave Straight-Line Signal Path	900Hz, 12dB/octave Straight-Line Signal Path
Sensitivity (2.83V/1m)	90dB	89dB	87dB	90dB
Nominal impedance	8 ohms	8 ohms	8 ohms	8 ohms
Low-frequency transducer(s)	Two 165mm (6-1/2") PolyPlas cones, magnetically shielded	165mm (6-1/2") PolyPlas cone, magnetically shielded	100mm (4") PolyPlas cone, magnetically shielded	Two 100mm (4") PolyPlas cones, magnetically shielded
Midrange transducer	100mm (4") PolyPlas cone, magnetically shielded	100mm (4") PolyPlas cone, magnetically shielded	N/A	N/A
High-frequency transducer	25mm (1") CMMD® Lite dome, magnetically shielded, in a Bi-Radial constant directivity waveguide	25mm (1") CMMD Lite dome, magnetically shielded, in a Bi-Radial constant directivity waveguide	25mm (1") CMMD Lite dome, magnetically shielded, in a Bi-Radial constant directivity waveguide	25mm (1") CMMD Lite dome, magnetically shielded, in a Bi-Radial constant directivity waveguide
Dimensions (H x W x D)	1121mm x 200mm x 375mm (44-1/8" x 7-7/8" x 14-3/4")	1016mm x 200mm x 333mm (40" x 7-7/8" x 13-1/8")	349mm x 165mm x 210mm (13-3/4" x 6-1/2" x 8-1/4")	165mm x 533mm x 251mm (6-1/2" x 21" x 9-7/8")
Weight	22.1kg (48.8 lb)	17.5kg (38.6 lb)	4.9kg (10.9 lb)	8.4kg (18.6 lb)

	STUDIO 150P	STUDIO 140P
Description	Powered Subwoofer	Powered Subwoofer
Low-frequency transducer	250mm driver	200mm driver
Amplifier power	300W	150W
Enclosure type	Bass-reflex	Bass-reflex
Frequency response (-3dB)	27Hz – 150Hz	35Hz – 150Hz
Line-level inputs	Stereo RCA jacks and dedicated LFE	Stereo RCA jacks and dedicated LFE
Subwoofer-level control	Yes	Yes
Phase switch	Yes	Yes
Music sense turn-on	Yes	Yes
Trigger input turn-on	No	No
Low-pass filter switch	Yes	Yes
Dimensions (H x W x D)	470mm x 441mm x 441mm (18-1/2" x 17-3/8" x 17-3/8")	410mm x 380mm x 380mm (16-9/64" x 15" x 15")
Weight	18.5kg (40.8 lb)	15.3kg (33.7 lb)

NORTHRIDGE E SERIES



E80



E20



EC25



E150P

Description	Three-Way, Dual 170mm (6") Floorstanding Speaker	Two-Way, 130mm (5") Bookshelf Speaker	Two-Way, Dual 130mm (5") Centre Speaker
Frequency response	38Hz – 20kHz	68Hz – 20kHz	80Hz – 20kHz
Max. recommended amplifier power[†]	200 watts	125 watts	150 watts
Sensitivity (2.83V/1m)	91dB	86dB	90dB
Nominal impedance	8 ohms	8 ohms	8 ohms
Dimensions (H x W x D) (with grille)	927mm x 213mm x 343mm (36-1/2" x 8-3/8" x 13-1/2")	275mm x 153mm x 206mm (10-7/8" x 6" x 8-1/8")	175mm x 457mm x 254mm (6-7/8" x 18" x 10")
Weight	18.2kg (40 lb)	3.2kg (7 lb)	7.1kg (15.6 lb)

Description	250mm (10") Front-Firing Powered Subwoofer
Frequency response	27Hz to low-pass crossover setting
Power handling	150 watts RMS, 250 watts peak dynamic power
Sensitivity (2.83V/1m)	N/A
Nominal impedance	N/A
Dimensions (H x W x D) (with grille)	451mm x 311mm x 368mm (17-3/4" x 12-1/4" x 14-1/2")
Weight	15.2kg (33.5 lb)

[†] The maximum recommended amplifier power rating will ensure proper system headroom to allow for occasional peaks. JBL does not recommend sustained operation at these maximum power levels.

SPECIFICATIONS

JBL TV SPEAKERS



	CINEMA 500 SATELLITES	CINEMA 500 CENTRE	CINEMA 500 SUBWOOFER
Description	Dual Satellite Speakers	Dual Centre Speaker	150-watt Powered Subwoofer
Frequency response	32Hz – 20kHz (–6dB)	32Hz – 20kHz (–6dB)	32Hz – 150Hz (–6dB)
Low-frequency transducers	Dual 3" (75mm) PolyPlas™ cones, video-shielded	Dual 3" (75mm) PolyPlas™ cones, video-shielded	8" down-firing cone
High-frequency transducer	1" (25mm) titanium-laminate dome, video-shielded	1" (25mm) titanium-laminate dome, video-shielded	N/A
Recommended amplifier power handling	100 watts	100 watts	N/A
Nominal impedance	8 ohms	8 ohms	N/A
Sensitivity (2.83V/1m)	89dB	89dB	N/A
Crossover frequency	3.7kHz	3.7kHz	50Hz – 200Hz (variable)
Dimensions - including stands (H x W x D)	289mm x 121mm x 86mm (11-3/8" x 4-3/4" x 3-3/8")	124mm x 305mm x 86mm (4-7/8" x 12" x 3-3/8")	475mm x 355mm x 355mm (19" x 14" x 14")
Weight	1.45kg (3.2 lb)/each	1.45kg (3.2 lb)/each	10kg (22 lb)
Amplified power	N/A	N/A	150 watts
Power requirement	N/A	N/A	120V/60Hz, 150W (US); 220V/60Hz, 150W (EU)
Power consumption	N/A	N/A	<1W (8mA@120V) standby; 300W (2.5A@120V)peak



SPECIFICATIONS

JBL TV SPEAKERS



	CINEMA 300 SATELLITES	CINEMA 300 CENTRE	CINEMA 300 SUBWOOFER
Description	Satellite Speakers	Dual Centre Speaker	150-watt Powered Subwoofer
Frequency response	32Hz – 20kHz (–6dB)	32Hz – 20kHz (–6dB)	32Hz – 150Hz (–6dB)
Low-frequency transducers	3" (75mm) PolyPlas™ cone, video-shielded	Dual 3" (75mm) PolyPlas™ cones, video-shielded	8" down-firing cone
High-frequency transducer	1" (25mm) titanium-laminate dome, video-shielded	1" (25mm) titanium-laminate dome, video-shielded	N/A
Recommended amplifier power handling	100 watts	100 watts	N/A
Nominal impedance	8 ohms	8 ohms	N/A
Sensitivity (2.83V/1m)	86dB	89dB	N/A
Crossover frequency	3.7kHz	3.7kHz	50Hz – 200Hz (variable)
Dimensions - including stands (H x W x D)	235mm x 121mm x 86mm (9-1/4" x 4-3/4" x 3-3/8")	124mm x 305mm x 86mm (4-7/8" x 12" x 3-3/8")	479mm x 365mm x 365mm (18-7/8" x 14-3/8" x 14-3/8")
Weight	0.9kg (2.0 lb)/each	1.45kg (3.2 lb)	10kg (22 lb)
Amplified power	N/A	N/A	150 watts
Power requirement	N/A	N/A	120V/60Hz, 150W (US); 220V/50Hz, 150W (EU)
Power consumption	N/A	N/A	<1W (8mA@120V) standby; 300W (2.5A@120V)peak

JBL TV SPEAKERS



CINEMA SB300 SOUNDBAR

CINEMA SB300 SUBWOOFER

Description	Dual Satellite Speakers	Wireless Subwoofer
Frequency response	42Hz – 20kHz (–3dB)	42Hz – 200kHz (–38dB)
Low-frequency transducers	N/A	200mm (8") cone
Midrange transducers	Dual 51mm (2") cones per channel, video-shielded	N/A
High-frequency transducers	Single 25mm (1") dome per channel, video-shielded	N/A
Amplified power	50 watts x 2	100 watts
Power requirement	120V – 240V AC, 50Hz/60Hz, 80W	120V – 240V AC, 50Hz/60Hz, 160W
Power consumption	1W standby; 80W maximum	1W standby; 160W maximum
Dimensions - including stands (H x W x D)	92mm x 1162mm x 76mm (3-5/8" x 45-3/4" x 3")	483mm x 362mm x 362mm (19" x 14-1/4" x 14-1/4")
Weight	2.5kg (5.5 lb)	24.5kg (11.1 lb)

SPECIFICATIONS

JBL SPECIALTY SPEAKERS



JBL CONTROL® ONE



JBL CONTROL ONE AW



JBL CONTROL 2.4G



JBL CONTROL 2.4G AW

Description	Two-Way Control Speaker	All-Weather Two-Way Control Speaker	Two-Way Satellite Wireless System***	Wireless All-Weather Speaker System §
Frequency response (±3dB)	50Hz – 20kHz	50Hz – 20kHz	80Hz – 20kHz	80Hz – 20kHz
Power handling	50W continuous/200W peak	50W continuous/200W peak	N/A	N/A
Amplifier output	N/A	N/A	15 watts per channel	15 watts per channel
Low-frequency driver	100mm (4") magnetically shielded	100mm (4") magnetically shielded	100mm (4") magnetically shielded	100mm (4") magnetically shielded
High-frequency driver	12mm (1/2") titanium-laminate, magnetically shielded	12mm (1/2") titanium-laminate, magnetically shielded	12mm (1/2") titanium-laminate, magnetically shielded	12mm (1/2") titanium-laminate, magnetically shielded
Sensitivity (2.83V/1m)	89dB	89dB	N/A	N/A
Nominal impedance	8 ohms	8 ohms	N/A	N/A
Operating range	N/A	N/A	Up to 21m (70'), depending upon conditions	Up to 21m (70'), depending upon conditions
RF operating frequency	N/A	N/A	2.4GHz	2.4GHz
Dimensions (H x W x D)	228mm x 155mm x 139mm (9" x 6-1/8" x 5-1/2")	228mm x 155mm x 139mm (9" x 6-1/8" x 5-1/2")	Speaker: 229mm x 155mm x 140mm (9" x 6-1/8" x 5-1/2") Transmitter: 29mm x 124mm x 98mm (1-1/8" x 4-7/8" x 3-7/8") (95mm [3-3/4"] high with antenna extended)	Speaker: 229mm x 155mm x 140mm (9" x 6-1/8" x 5-1/2") Transmitter: 29mm x 124mm x 98mm (1-1/8" x 4-7/8" x 3-7/8") (95mm [3-3/4"] high with antenna extended)
Weight	2.4kg (5.3 lb)	2.4kg (5.3 lb)	Active speaker: 2.1kg (4.6 lb) Passive speaker: 2.0kg (4.3 lb) Transmitter: 0.2kg (0.5 lb)	Active speaker: 2.1kg (4.6 lb) Passive speaker: 2.0kg (4.3 lb) Transmitter: 0.2kg (0.5 lb)

*** The JBL Control 2.4G speakers are not weather-resistant. Do not leave them outdoors when you are not using them, and do not use them during inclement weather. Like all wireless devices, the system's operating range may vary, depending upon variables such as building construction methods and materials, atmospheric conditions and other sources of interference.

§ Please note that while the JBL Control 2.4G AW loudspeaker is an all-weather outdoor speaker, it is not waterproof. Shelter it from direct exposure to ice, snow and other forms of sustained moisture.



SPECIFICATIONS

JBL SPECIALTY SPEAKERS



JBL CONTROL NOW



JBL CONTROL NOW AW

Description	Bookshelf/On-Wall/Corner-Mount Loudspeaker	All-Weather Loudspeaker §
Frequency response (-6dB)	80Hz – 30kHz	80Hz – 30kHz
Power handling	50W continuous/300W peak	50W continuous/300W peak
Max. recommended amplifier power†	150W	150W
Low-frequency transducers	Dual 100mm (4") PolyPlas™, shielded	Dual 100mm (4") PolyPlas™, shielded
High-frequency transducers	19mm (3/4") titanium-laminate, shielded	19mm (3/4") titanium-laminate, shielded
Sensitivity (2.83V/1m)	90dB	90dB
Nominal impedance	8 ohms	8 ohms
Crossover point	2kHz	2kHz
Crossover slope	18dB/octave (LF driver); 36dB/octave (HF driver)	18dB/octave (LF driver); 36dB/octave (HF driver)
Dimensions (L x H x W x D)	262mm x 127mm x 364mm x 251mm (10-3/8" x 5" x 14-5/16" x 9-7/8")	262mm x 127mm x 364mm x 251mm (10-3/8" x 5" x 14-5/16" x 9-7/8")
Weight	3kg (6.6 lb)	3kg (6.6 lb)

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

§ Please note that while the JBL Control NOW AW loudspeaker is an all-weather outdoor speaker, it is not waterproof. Shelter it from direct exposure to ice, snow and other forms of sustained moisture.



JBL ON AIR™ WEM-1

Description	Wireless Expansion Module
Frequency range	20Hz – 20kHz (+0dB, -1dB)
Amplifier output	50 watts per channel
Signal-to-noise ratio	80dBA
Operating range	Up to 22m (70'), depending upon conditions‡
RF operating frequency	2.4GHz
Power requirement	100V–240V AC, 50Hz/60Hz
Transmitter module (H x W x D)	29mm x 154mm x 98mm (1-1/8" x 6" x 3-7/8"); 95mm (3-3/4") high with antenna extended
Receiver module (H x W x D)	29mm x 158mm x 116mm (1-1/8" x 6-3/16" x 4-5/8"); 95mm (3-3/4") high with antenna extended
Weight	
Transmitter module	0.3kg (0.6 lb)
Receiver module	0.4kg (0.9 lb)

‡ Like all wireless devices, the JBL® On Air WEM-1's operating range may vary, depending upon variables such as building construction methods and materials, atmospheric conditions and other sources of interference.

JBL SPECIALTY SPEAKERS



	HTI55	HTI6	HTI6C	HTI8	HTI88
Description	Two-Way, Dual 130mm (5") Horizontal/Vertical LCR In-Wall Speaker	Two-Way, Rectangular In-Wall Speaker	Two-Way, Round In-Ceiling Speaker	Two-Way, Rectangular In-Wall Speaker	In-Wall Subwoofer
Frequency response	40Hz – 20kHz (-10dB)	38Hz – 20kHz (-10dB)	40Hz – 20kHz (-10dB)	30Hz – 20kHz (-10dB)	30Hz – 100kHz (-6dB)
Max. recommended amplifier power†	120 watts	100 watts	100 watts	120 watts	250 watts per channel
Sensitivity (2.83V/1m)	88dB	88dB	88dB	90dB	94dB, both woofers driven
Nominal impedance	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms per woofer
Plate size (W x H)	391mm x 191mm (15-3/8" x 7-1/2")	216mm x 279mm (8-1/2" x 11")	233mm diameter (9-3/16")	257mm x 333mm (10-1/8" x 13-1/8")	290mm x 518mm (11-7/16" x 20-7/16")
Mounting Cutout Size (W x H)	356mm x 152mm (14" x 6")	181mm x 246mm (7-1/8" x 9-11/16")	200mm diameter (7-7/8")	225mm x 300mm (8-7/8" x 11-13/16")	254mm x 465mm (10" x 18-5/16")
Mounting Depth	98mm (3-7/8")	98mm (3-7/8")	108mm (4-1/4")	102mm (4")	98mm (3-7/8")
Weight	2.6kg (5.7 lb)	5kg (11 lb)	4.5kg (10 lb)	6.1kg (13.5 lb)	7.7kg (17 lb)



RIF5
RIF6
RIF8

RIF6C
RIF6CS
RIF8C

Rough-in frames for new construction are more than available to make your transition to a 21st-century home trouble-free.

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



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