

JBL SYNTHESIS

JBL




S Y N T H E S I S[®]



LOUDSPEAKERS & SUBWOOFERS






JBL Synthesis Custom In-wall, In-Room and In-Ceiling Loudspeakers

	Model Name	Description	Material Number / EAN		
	SCL-1	<p>Type: 2-Way In-room loudspeaker</p> <ul style="list-style-type: none"> • Low Frequency Drivers: Dual 12-inch (300mm) Black Carbon Cellulose Composite Cone (C4) cast-frame woofers • High Frequency Driver: 3" (75mm) dual annular Teonex® ring-diaphragm compression driver with dual neodymium motor structures mated to Sonoglass® HDI™ horn • Recommended Amplifier Power (Full bandwidth): 500 WRMS, minimum • Recommended Amplifier Power (80 Hz HPF): 500 WRMS, minimum • Impedance: 4 Ohm • Loudspeaker Sensitivity: 94 dB/1W/1m • Frequency Response: 40 Hz - 24 kHz (-6 dB), 3rd order LF roll-off • Crossover Frequency: 775 Hz • Coverage area, -6 dB @ 10 kHz: Approximately 120 degrees horizontal x 100 degrees vertical • Coverage area, -6 dB @ 20 kHz: Approximately 90 degrees horizontal x 70 degrees vertical • Enclosure Type: Complementary Bass Alignment System (CBAS™) • HF Level Controls: 3 Position - No grille, With grille, or With screen • Grille Dimensions: 1218.7mm x 482.6mm x 20mm • Product Dimensions: 1218.7mm x 482.6mm x 368.1mm • Input Type: Dual sets of gold-plated spring-loaded binding posts • Product Weight: 80.5kg • Shipping Weight: 139 kg 	JBLSCL1		
	SCL-2	<p>Speaker Type: 2-1/2-way Triple 8" In-wall Loudspeaker</p> <ul style="list-style-type: none"> • Low frequency transducer: Three 8" (200mm) cast-frame, Advanced Aluminum Matrix cone woofers • Mid/High frequency transducer: D2415K, 1.5" (38mm), dual annular ring Teonex® diaphragm compression driver mounted to Sonoglass® horn/baffle • Maximum recommended power: 450 watts RMS • Frequency response (-6dB on-axis): 57Hz–25kHz • Coverage area (-6dB@20kHz): 80 x 70 Degrees (Hor x Vert) • Coverage area (-6dB@10kHz): 100 x 100 Degrees (Hor x Vert) • Sensitivity (2.83V@1m): 92dB • Nominal Impedance: 6 Ohm • Crossover frequencies: 225Hz, 1.3kHz • Enclosure type: Sealed in-wall mount with included back box • Inputs: Dual gold-plated binding posts • Finished grille dimensions (H x W): 1020.8mm x 325.5mm • Cutout dimensions with backbox (H x W): 971.6mm x 292.1mm • Mounting depth with backbox: 147mm • Weight: 24.3kg • Finishes: Matte Black with white paintable grille 	JBLSCL2		
	SCL-3	<p>Speaker Type: Two-way In-Wall Loudspeaker</p> <ul style="list-style-type: none"> • Low Frequency Transducer: Dual 5-1/4" (130mm) cast-frame, advanced aluminum matrix cone woofers • Mid/High Frequency Transducer: D2-derived 1" (25mm) 2409H annular ring, Teonex® diaphragm compression driver • Maximum Recommended Amplifier Power: 300 watts RMS* • Frequency Response (-6dB on-axis): 65 Hz – 33kHz • Coverage area (-6dB @ 20 KHz): 90 x 60 deg, (-6dB @ 10 KHz): 110 x 90 deg (Hor. x Vert.) • Sensitivity (2.83V@1m): 91dB • Nominal Impedance: 6 Ohm • Crossover Frequencies: 1.3 KHz • Enclosure type: Sealed In-Wall Mount with included back box • Inputs: Dual Gold-plated Five-way Binding Posts • Dimensions (H x W x D): 418mm x 418mm x 153mm • Weight: 11.02 kg • Finishes: Matte Black 	JBLSCL3		

LOUDSPEAKERS & SUBWOOFERS





JBL Synthesis Custom In-wall, In-Room and In-Ceiling Loudspeakers

	Model Name	Description	Material Number / EAN		
	SCL-4	<p>Speaker Type: Two-way In-Wall Loudspeaker</p> <ul style="list-style-type: none"> • Low Frequency Transducer: 7" (180mm) cast-frame, advanced aluminum matrix cone woofer • Mid/High Frequency Transducer: D2-derived 1" (25mm) 2409H annular ring, Teonex® diaphragm compression driver • Maximum Recommended Amplifier Power: 300 watts RMS • Frequency Response (-6dB on-axis): 45 Hz – 33KHz • Coverage area (-6dB @ 20 KHz): 100 x 100 deg, (-6dB @ 10KHz): 120 x 120 deg (Hor x Vert) • Sensitivity (2.83V@1m): 91dB • Nominal Impedance: 6 Ohm • Crossover Frequencies: 1.3 KHz • Enclosure type: Sealed In-Wall Mount with included back box • Inputs: Dual Gold-plated Five-way Binding Posts • Dimensions (H x W x D): 636mm x 409mm x 93mm • Weight: 12.51 kg • Finishes: Matte Black 	JBLSCL4		
	SCL-5	<p>Type: 2-Way In-ceiling loudspeaker</p> <ul style="list-style-type: none"> • Low Frequency Driver: 7" (180 mm) advanced Aluminum Matrix cone cast-frame woofer (JW180PB-6) • High Frequency Driver: 1" (25 mm) 2409H Teonex® annular ring-diaphragm compression driver • Recommended Amplifier Power: 25 – 125W RMS • Impedance: 6 Ohm • Loudspeaker Sensitivity: 86 dB/2.83V/1m • Frequency Response: 48Hz - 32KHz (-6 dB on-axis), 2pi anechoic • Crossover Frequency: 1575 Hz • High Frequency Coverage Angle (-6 dB): 60° Vertical (Up: 30°, Down: 30°, from 45° Vertical Center line), 120° Horizontal, from 2k Hz to 10k Hz. • Enclosure Type: Open back • Controls: Boundary Proximity Control • Grille Dimensions: Round: 318 mm diam. - Square: 318 mm x 318 mm • Product Dimensions (grille): 318 mm x 318 mm x 151.9 mm • Cut-out Diameter: 287 mm • Mounting Depth: 141.8 mm • Input Type: Gold-plated spring-loaded binding posts • Product Weight: 3.9 kg - 4.2 kg avec grille • Shipping Weight: 5.7 kg 	JBLSCL5		
	SCL-6	<p>Type: 2.5-Way In-wall loudspeaker</p> <ul style="list-style-type: none"> • Low Frequency Driver: Four 5.25" (130 mm) advanced Aluminum Matrix cone cast-frame woofers (JW13AI-4) • High Frequency Driver: 1" (25 mm) 2410H-2 Teonex® annular ring-diaphragm compression driver • Recommended Amplifier Power: 25 – 200W RMS • Impedance: 4 Ohm • Loudspeaker Sensitivity: 91 dB/2.83V/1m • Frequency Response: 50Hz - 30KHz (-6 dB on-axis), 2pi anechoic • Crossover Frequency: 1.8 kHz • High Frequency Coverage Angle (-6 dB): 80° Vertical / 80° Horizontal, from 2 kHz to 17 kHz. • Enclosure Type: Open back • Controls: Boundary Proximity Control • Grille Dimensions: 185 mm x 796 mm • Product Dimensions (grille): 185 mm x 796 mm x 97.1 mm • Cut-out Dimensions: 151 mm x 761 mm • Rough-in Bracket: WVB54 • Mounting Depth: 92 mm • Input Type: Gold-plated spring-loaded binding posts • Product Weight: 10.07 kg • Shipping Weight: 11.61 kg 	JBLSCL6		

LOUDSPEAKERS & SUBWOOFERS







JBL Synthesis Custom In-wall, In-Room and In-Ceiling Loudspeakers

	Model Name	Description	Material Number / EAN		
	JBLWB54	<p>Pre-construction Bracket</p> <ul style="list-style-type: none"> • For use as part of the installation process for the JBL Synthesis SCL-6 into new construction. • Designed to be installed during pre-wire and reserve the proper speaker placement as the wallboard is installed over them. • Specifically sized for JBL Synthesis SCL-6. • Wire tabs to hold pre-routed speaker wires in-place. • Packaged and sold individually. 	JBLWB54		
	SCL-7	<p>Type: 2-Way In-wall loudspeaker</p> <ul style="list-style-type: none"> • Low Frequency Driver: Two 5.25" (130 mm) advanced Aluminum Matrix cone cast-frame woofers (JW13AI-4) • High Frequency Driver: 1" (25 mm) 2410H-2 Teonex® annular ring-diaphragm compression driver • Recommended Amplifier Power: 25 – 150W RMS • Impedance: 4 Ohm • Loudspeaker Sensitivity: 88 dB/2.83V/1m • Frequency Response: 55Hz - 30kHz (-6 dB on-axis), 2pi anechoic • Crossover Frequency: 2.0 kHz • High Frequency Coverage Angle (-6 dB): 60° Vertical, 90° Horizontal (Left: 30°, Right: 60°, from center line), from 2 kHz to 15 kHz. • Enclosure Type: Open back • Controls: Boundary Proximity Control • Grille Dimensions: 7.32" (186 mm) x 19.15" (486 mm) • Product Dimensions (with grille): 7.32" (186 mm) x 19.15" (486 mm) x 3.88" (99 mm) • Cut-out Dimensions: 5.94" (151 mm) x 17.80" (452 mm) • Rough-in Bracket: WB52 • Mounting Depth: 3.64" (93 mm) • Input Type: Gold-plated spring-loaded binding posts • Product Weight: 12.6 lbs (5.72 kg) • Shipping Weight: 14.6 lbs (6.62 kg) 	JBLSCL7		
	JBLWB52	<p>Pre-construction Bracket</p> <ul style="list-style-type: none"> • For use as part of the installation process for the JBL Synthesis SCL-7 into new construction. • Designed to be installed during pre-wire and reserve the proper speaker placement as the wallboard is installed over them. • Specifically sized for JBL Synthesis SCL-7. • Wire tabs to hold pre-routed speaker wires in-place. • Packaged and sold individually. 	JBLWB52		
	SCL-8	<p>Type: 2-Way In-ceiling loudspeaker</p> <ul style="list-style-type: none"> • Low Frequency Driver: 5.25" (130 mm) advanced Aluminum Matrix cone cast-frame woofer (JW130AI-4) • High Frequency Driver: 1" (25 mm) 2410H-2 Teonex® annular ring-diaphragm compression driver • Recommended Amplifier Power: 25 - 100 W RMS • Impedance: 4 Ohm • Loudspeaker Sensitivity: 85 dB/2.83V/1m • Frequency Response: 55 Hz - 30 kHz (-6 dB on-axis), 2pi anechoic • Crossover Frequency: 1.8 kHz • High Frequency Coverage Angle (-6dB): 60° Vertical (Up: 30°, Down: 30°, from 45° Vertical Center line), 120° Horizontal, from 2k Hz to 10k Hz. • Enclosure Type: Open back • Controls: Boundary Proximity Control • Grille Dimensions: Round: 10.77" (273 mm) Diameter Square: 10.77" (273 mm) x 10.77" (273 mm) • Product Dimensions (grille): 10.77" H x 10.77" W x 4.73" D (273 mm x 273 mm x 120 mm) • Cut-out Diameter: 9.49" (241 mm) • Accessory Rough-in Bracket: CB8 • Mounting Depth: 4.54" (115 mm) • Input Type: Gold-plated spring-loaded binding posts • Product Weight: 7.8 lb. (3.5 kg) • Shipping Weight: 10.6 lb. (4.8 kg) 	JBLSCL8		

LOUDSPEAKERS & SUBWOOFERS





JBL Synthesis Custom In-wall, In-Room and In-Ceiling Loudspeakers

	Model Name	Description	Material Number / EAN		
	SSW-1	Dual 15-inch (380mm) in-room passive subwoofer • Recommended Amplifier Power: 2500 WRMS per woofer (5,000 WRMS total) • Impedance: 8 Ohm per woofer • Loudspeaker Sensitivity: 90 dB/1W/1m @ 60 Hz • Frequency Response: 15 Hz – 400 Hz (-6 dB) • Low Frequency Extension: 15 Hz (-6 db) • Max SPL (CEA2010B): TBD • Enclosure Type: Bass reflex with dual front slipstream ports, tuned to 18 Hz • Grille Dimensions: 1358.9mm x 609.6mm x 18.75mm • Product Dimensions: 1358.9mm x 609.6mm x 558.8mm • Input Type: Dual sets of gold-plated spring-loaded binding posts • Product Weight: 159 kg. • Shipping Weight: 245.5 kg. in crate	JBLSSW1BLK		
	SSW-2	Dual 12" Passive Subwoofer • Maximum Recommended Amplifier Power: 1,200 watts RMS per channel • Single input, dual-driver configuration • Can be oriented vertically or horizontally • Frequency Response: 20Hz – 400Hz • Sensitivity (ground plane): 93dB (1 watt at 1 meter) @ 60Hz • Nominal impedance: 8 ohms • Dimensions (H x W x D): 838.2mm x 482.6mm x 389.16mm • Weight: 64kg	JBLSSW2BLK		
	SSW-3	In-wall Passive Subwoofer • Two 10" (250mm) composite cone woofers • Designed for use with JBL Synthesis SDA amplifiers • Frequency Response 20Hz – 150Hz (-6dB) • Maximum Recommended Amplifier Power 600 Watts RMS • Impedance: 4 Ohms nominal • Sensitivity 88dB (2.83V/1m), both woofers driven • Mounting Cutout Size (H x W x D): 393.7mm x 1676.4mm • SSE-3BB Enclosure Dimensions (H x W x D): 1626mm x 356mm x 130mm • Weight: 36.75 kg • INCLUDES Back box - additional purchase not required	JBLSSW3BLK		
	SSW-4	In-wall Subwoofer • Dual 8" (200mm) low-profile, long-throw, Klippel-optimized, metal cone woofers • Front-firing drivers with sealed back box for superior acoustic tuning • Gold-plated speaker terminals • Zero-bezel, magnetically-attached grille • Mounting cutout size (H x W): 23-1/2" x 14-1/2" (596.9mm x 368mm) • Sensitivity (2.83V/1m): Variable using the SA1000 • Nominal impedance: 8 ohms • Required Amplifier: JBL Synthesis SDA-8300 (Connect up to eight SSW-4 Subwoofers with each SDA-8300 Amplifier) • Dimensions (H x W x D): 645mm x 419mm x 102mm • Weight: 12.9kg per speaker	JBLSSW4		

ELECTRONIC COMPONENTS





JBL Synthesis Surround Processors

	Model Name	Description	Material Number / EAN		
	SDP-80	<p>36 Channel Immersive Audio Processor</p> <p>Audiophile feature set including high-resolution playback, and key features including HDMI 2.1 with HDCP 2.3 and HDR up to 48Gbps, Dolby Atmos and Dolby Vision, DTS:X Pro and AURO-3D immersive audio processing, Trinnov Optimizer for in-room speaker optimization, and Roon Ready for hi-resolution music streaming.</p> <ul style="list-style-type: none">• 8x HDMI 2.1/HDCP 2.3, up to 48Gbps for video up to 8K resolution at 60 frames per second with HDR, or 4K up to 120 frames per second with HDR• 2x HDMI 2.1 with HDCP 2.3, 1x PC (VGA, DVI, HDMI)• 2 x XLR stereo, 3 x RCA stereo, 1 x 8-ch RCA multichannel, 1 x 3D Microphone• 8 x HDMI multichannel, 1 x AES3 DB25 (8 or 16-channels) DCI-compliant, 2 x AES/EBU XLR stereo, 4 x S/PDIF Coaxial 7.1 PCM, 4 x S/PDIF Optical 7.1 PCM• 16 x XLR multichannel, 4 x Balanced DB25 (channels 1-32), 1 x RCA stereo 2 x HDMI multichannel, Roon Ready via Ethernet, 1 x AES3 DB25 (8 or 16-channels), 1 x AES/EBU XLR stereo, 1 x S/PDIF Coaxial stereo, 1 x S/PDIF Optical stereo, 1 x AML Extension Link RJ45• 1 x HDMI, 1 x DVI, 1 x VGA• 2 x USB 3.0, 2 x USB 2.0• 1 x RJ45 Gigabit, Wi-Fi Onboard• PS/2 Keyboard and Mouse• IR Remote Control Included, 12V Trigger Input/Output, iOS and Android Apps Available, Web-based UI• VNC Remote Control from Laptop/PC, Tablet, or Smartphone, IP Control (AMX, Crestron, and Savant Modules Available)• 110VAC 60Hz or 220VAC 50/60Hz• 0.5W standby (EuP compliant) / 100W/450mA Maximum• 3.5U• Dimensions : 155mm x 430mm x 405mm• Weight: 14.5kg	JBLSDP8036EU		
	SDP-75	<p>24 or 16 Channel Digital Audio Processor / Universal</p> <p>Spatial-Accurate 3D Audio playback / 118 Digital and Analog Inputs and 80 audio Outputs / 8x HDMI Input, 2x HDMI Outputs/ User-friendly, self-explanatory user interface / Built-in WiFi &UPnP/DLNA Compliant Digital Media Renderer / Wide choice of Remote Options.</p> <p>IN 25 SOURCE PREAMP</p> <ul style="list-style-type: none">• 7 x HDMI Inputs (4 programmed for HDMI 2.0, 3 Programmed for HDMI 1.4 compatibility)• 3x RCA stereo• 1x 16 AES channels on DB25• 2x XLR stereo• 4x S/PDIF coaxial on RCA• 1x RCA 7.1• 4x S/PDIF optical on TosLink• 1x 3D Microphone Input• 2x AES/EBU on XLR OUT UP TO 32 SIMULTANEOUS OUTPUTS• 2x HDMI outputs• 32x Balanced on 4x DB25• 16x AES channels on DB25• 16x Balanced on 16x XLR• 1x AES/EBU on XLR• 1x RCA stereo• 1x S/PDIF coaxial + 1x S/PDIF optical• 1 AML extension link• Dimensions (H x W x D): 155mm x 430mm x 405mm• Weight: 14.5kg	JBLSDP7524EU JBLSDP7516EU		

ELECTRONIC COMPONENTS







JBL Synthesis Surround Processors

	Model Name	Description	Material Number / EAN		
	SDP-58	<p>16 Channel Immersive Surround Sound Processor with Dante Stereo line inputs Latest HDMI 2.1 specification</p> <ul style="list-style-type: none"> • Supports ultra high video resolutions of up to 8K@60fps and 4K@120fps. • Maximum input:4.5V rms • Nominal sensitivity: 1V, 2V, 4V (user adjustable) • Input impedance:47kΩ • Signal/noise ratio (A-wtd ref 100W) normal/stereo direct:100dB/110dB • Frequency response:20Hz—20kHz \pm 0.1dB • Preamplifier outputs • Nominal output level (single-ended/balanced):1V RMS / 2V RMS (max. 5V RMS / 10 V RMS) • Output impedance:560Ω • THD+N (20Hz—20kHz)—100dB • Headphone output • Maximum output level into 32Ω:5Vrms • Output impedance:560Ω:<100Ω General • Mains voltage: 110—120V or 220—240V, 50—60Hz • Power consumption (maximum): 60W (Thermal dissipation approx. 170 BTU/hour) • Power consumption (idle, typical): 40W (Thermal dissipation approx. 170 BTU/hour) • Power consumption (standby): <0.5W Dimensions • W x D (including speaker terminals) x H (including feet): 433 x 425 x 171mm • Weight (net):10.6kg • Weight (packed):13.9kg 	JBLSDP58EU		
	SDR-38	<p>Class G Immersive Surround Sound AV Receiver Latest HDMI 2.1 specification</p> <ul style="list-style-type: none"> • Supports ultra high video resolutions of up to 8K@60fps and 4K@120fps. • Continuous power output, per channel, 8Ω/4Ω • 2 channels driven, 20Hz - 20kHz, <0.02% THD : 120W/200W • 2 channels driven, 1kHz, 0.2% THD : 140W/220W • 7 channels driven, 1kHz, 0.2% THD :100W/180W • Residual noise & hum (A-wtd) :<0.15mV • Stereo line inputs • Maximum input:4.5V rms • Nominal sensitivity :1V, 2V, 4V (user adjustable) • Input impedance:47kΩ • Signal/noise ratio (A-wtd ref 100W) normal/stereo direct:100dB/110dB • Frequency response:20Hz—20kHz \pm 0.1dB • Preamplifier outputs • Nominal output level:1V RMS (max. 5V RMS) • Output impedance:560Ω • THD+N (20Hz—20kHz)—100dB • Headphone output • Maximum output level into 32Ω: 5Vrms • Output impedance: 560Ω:<100Ω General • Mains voltage: 110—120V or 220—240V, 50—60Hz • Power consumption (maximum): 60W (Thermal dissipation approx. 170 BTU/hour) • Power consumption (idle, typical):40W (Thermal dissipation approx. 170 BTU/hour) • Power consumption (standby): <0.5W Dimensions • W x D (including speaker terminals) x H (including feet): 433 x 425 x 171mm • Weight (net): 10.6kg • Weight (packed): 13.9kg 	JBLSDR38EU		
	Rack Mount Kit	Rack Mount Kit for SDP-58 and SDR-38	JBLRMK		

ELECTRONIC COMPONENTS






JBL Synthesis Power Amplifiers

	Model Name	Description	Material Number / EAN		
	SDA-7120	Seven Channel Class G Amplifier with Dante <ul style="list-style-type: none"> • Dynamic Class G amplification • Dante audio networking • 100 Watts @ 8Ω with seven channels driven • Balanced and single ended inputs • Trigger in and out • Ethernet, RS232 control • Dimensions (W x H x D): 433 x 177 x 425mm 	JBLSDA7120EU		
	SDA-2200	2 Channel Class G Amplifier with Dante <ul style="list-style-type: none"> • Dynamic Class G amplification • Dante audio networking • 220 Watts per channel @ 8 Ω, 790 Watts bridged @ 4 Ω • Balanced and single ended inputs • Trigger in and out • Ethernet, RS232 control • Dimensions (W x H x D): 433 x 177 x 425mm 	JBLSDA2200EU		
	SDA 8300	High-performance installation amplifier <ul style="list-style-type: none"> • 8 x 300 Watts (Bridgeable to 600 Watts) • Frequency Response ±0.25 dB • BLU Link Signal-to-Noise Ratio >108 dB • Analog Input Signal to Noise Ratio >104 dB • Total Harmonic Distortion 0.35% • Voltage Gain (at Maximum Level Setting) 34 dB • Damping Factor >1000 • Input Impedance 10 kOhms, 5 kOhms • Maximum Input Level before Compression +20dBu • 7-Volt Capable • Dimensions (H x W x D): 8.75 cm x 48.3 cm x 36 cm • Weight: 10.66 kg 	SDA-8300		
	SDA 1700	Class D Subwoofer Amplifier <ul style="list-style-type: none"> • Rated Output Power (RMS) into the minimum impedance of 4 Ohms: 700Watts • Peak power: 1500W • Rated impedance: 8Ohms per speaker output • Minimum load impedance: 4Ohms • Model-Specific EQ: 1: Only for JBL SYNTHESIS SSW-4 2: Only for JBL C82W • Input Sensitivity to 1W @ 50Hz: 16.3mVrms +/- 1dB (Single input driven) Gain=41.7dB • Input Overload (Both inputs driven): 2.0Vrms • Input Impedance: > 10K Ohms • Low Pass Crossover range: 50-150Hz • Auto Turn On Input Sensitivity @ 50Hz: Typical 10mV • THD+N at 1W: < 0.3% • THD+N at Rated Output Power: < 1% • Signal-to-Noise ratio to 1W: > 65dBA • Minimum AC Mains power requirements: 100-120VAC-50-60Hz Model: 700W, 5A 230VAC-50-60Hz Model: 700W, 3A • Power consumption (Standby): 0.5W • Dimensions (H x W x D) : 88.90 x 431.8 x 280.3 mm • Weight: 6.35Kg 	JBLSDA1700EU		

ELECTRONIC COMPONENTS





JBL Synthesis Power Amplifiers

	Model Name	Description	Material Number / EAN		
	SDA 4600	High-performance installation amplifier • 4 x 600 Watts (Bridgeable to 1200 Watts) • Frequency Response ± 0.25 dB • BLU Link Signal-to-Noise Ratio >108 dB • Analog Input Signal to Noise Ratio >104 dB • Total Harmonic Distortion 0.35% • Voltage Gain (at Maximum Level Setting) 34 dB • Damping Factor >1000 • Input Impedance 10 kOhms, 5 kOhms • Maximum Input Level before Compression +20dBu • 7-Volt Capable • Dimensions (H x W x D): 8.75 cm x 48.3 cm x 36 cm • Weight: 9.12 kg	SDA-4600		
	Rack Mount Kits	Rack Mount Kit for JBL Synthesis SDA-7120 and SDA-2200	JBLRMK		
	DSi 2.0 SA4-D	DSi Amplifier for JBL Cinema Loudspeakers • 96kHz/32-bit floating-point processing with FIR filtering, LevelMAX limiting, 8-channel parametric EQ, and delay • Dante/AES67 support for seamless integration with Dolby Atmos Connect • Four channels with bridgeable outputs • Built-in JBL cinema speaker tuning presets to match all JBL cinema loudspeakers • SNMP to interface with third party Theater Management and Cinema Control (NOC) systems • HiQnet port • Rated power @8 Ohms (1kHz, 20ms burst, 2 channels driven, 0.5% THC Max): 350W x 4 • Rated power @4 Ohms (1kHz, 20ms burst, 2 channels driven, 0.5% THC Max): 700W x 4 • Rated power @2 Ohms (1kHz, 20ms burst, 2 channels driven, 0.5% THC Max): 1,050W x 4 • Rated power @8 Ohms Bridged (1kHz, 20ms burst, 2 channels driven, 0.5% THC Max): 1,300W x 2 • Rated power @4 Ohms Bridged (1kHz, 20ms burst, 2 channels driven, 0.5% THC Max): 2,200W x 2 • Dimensions (H x W x D): 88mm x 482mm x 437mm • Weight: 10.5kg	SA-4-D-EK-LA		
	DSi 2.0 MA4-D	DSi Amplifier for JBL Cinema Loudspeakers • 96kHz/32-bit floating-point processing with FIR filtering, LevelMAX limiting, 8-channel parametric EQ, and delay • Dante/AES67 support for seamless integration with Dolby Atmos Connect • Four channels with bridgeable outputs • Built-in JBL cinema speaker tuning presets to match all JBL cinema loudspeakers • SNMP to interface with third party Theater Management and Cinema Control (NOC) systems • HiQnet port • Rated power @8 Ohms (1kHz, 20ms burst, 2 channels driven, 0.5% THC Max): 750W x 4 • Rated power @4 Ohms (1kHz, 20ms burst, 2 channels driven, 0.5% THC Max): 1,400W x 4 • Rated power @2 Ohms (1kHz, 20ms burst, 2 channels driven, 0.5% THC Max): 2,100W x 4 • Rated power @8 Ohms Bridged (1kHz, 20ms burst, 2 channels driven, 0.5% THC Max): 2,600W x 2 • Rated power @4 Ohms Bridged (1kHz, 20ms burst, 2 channels driven, 0.5% THC Max): 4,200W x 2 • Dimensions (H x W x D): 88mm x 482mm x 437mm • Weight: 10.5kg	MA4-D-EK-LA		

ELECTRONIC COMPONENTS



JBL Synthesis Power Amplifiers

	Model Name	Description	Material Number / EAN		
	SMA4750	4-channel Bridgeable Class D Amplifier <ul style="list-style-type: none"> • Analog audio input: 4x XLR (Balanced) • Digital audio input (Dante/AES67): 2x RJ45 • Speaker output: Binding Posts, accommodates 10AWG wire, spade, and banana termination • 12VDC trigger control: 1x 3.5mm (in), 1x 3.5mm (out) • Network/Monitoring/Control: 1x RJ45 • Power: Standard IEC • Power (2 channels driven, <0.5% THD): <ul style="list-style-type: none"> Rated Power (8Ω) 750W Rated Power (4Ω) 1,500W Rated Power (8Ω Bridged, one zone driven) 2,500W • Digital signal processing: 96kHz, 32-bit floating point • Frequency response: (4Ω, 20Hz – 20kHz) ±0.5dB • Total harmonic distortion (at full rated power, from 20Hz – 20kHz): 0.35% • Analog input signal to noise ratio (ref. Rated power, "a-wtd.") >105dB • Analog input signal to noise ratio (ref. Rated power, 20Hz – 20kHz): >99dB • Damping factor (20Hz to 100Hz): >1000 • Input impedance (nominally balanced, nominally unbalanced): 70 kΩ balanced, 35 kΩ unbalanced • Maximum input level (low amp gain mode): +21dBU • Load impedance stereo/dual mode: 2Ω – 16Ω load • Impedance bridge mono: 4Ω – 16Ω • Maximum fan noise (REF. dB SPL @ 1M): 51dBA • Power supply 100 – 220V ±10%, 50/60Hz • Dimensions (H x W x D): 88.9 x 482.6 x 432.6 mm • Weight: 9.9 kg 	JBLSMA4750EU		
	SMA8300	8-channel Bridgeable Class D Amplifier <ul style="list-style-type: none"> • Analog audio input: 8x XLR (Balanced) • Digital audio input (Dante/AES67): 2x RJ45 • Speaker output: Binding Posts, accommodates 10AWG wire, spade, and banana termination • 12VDC trigger control: 1x 3.5mm (in), 1x 3.5mm (out) • Network/Monitoring/Control: 1x RJ45 • Power: Standard IEC • Power (2 channels driven, <0.5% THD): <ul style="list-style-type: none"> Rated Power (8Ω) 300W Rated Power (4Ω) 600W Rated Power (8Ω Bridged, one zone driven) 1,200W • Digital signal processing: 96kHz, 32-bit floating point • Frequency response: (4Ω, 20Hz – 20kHz) ±0.5dB • Total harmonic distortion (at full rated power, from 20Hz – 20kHz): 0.35% • Analog input signal to noise ratio (ref. Rated power, "a-wtd.") >105dB • Analog input signal to noise ratio (ref. Rated power, 20Hz – 20kHz): >99dB • Damping factor (20Hz to 100Hz): >1000 • Input impedance (nominally balanced, nominally unbalanced): 70 kΩ balanced, 35 kΩ unbalanced • Maximum input level (low amp gain mode): +21dBU • Load impedance stereo/dual mode: 2Ω – 16Ω load • Impedance bridge mono: 4Ω – 16Ω • Maximum fan noise (REF. dB SPL @ 1M): 51dBA • Power supply 100 – 220V ±10%, 50/60Hz • Dimensions (H x W x D): 88.9 x 482.6 x 432.6 mm • Weight: 10.5 kg 	JBLSMA8300EU		