



S Y N T H E S I S[®]

by HARMAN



Harman Luxury Audio

Retail Price List

JBL Synthesis

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JBL Synthesis Systems

JBL Synthesis offers three types of room calibration systems, Optimizer for the SDP-75, ARCOS for use in our SDEC, and Dirac Live used by ARCAM and new Lexicon AV processors.

ARCOS (Adaptive Room Correction and Optimization System)




ARCOS can be used with the Lexicon and ARCAM 7.1.4 (ATMOS) AV processor. It may also be used for the SDP75 subwoofer EQ to implement Sound Field Management SFM.

The ARCOS room EQ system is the culmination of over a dozen years of development providing a high-resolution measurement and auto/manual EQ system. ARCOS uses eight microphones placed in the listening areas to spatially average multiple seats. The system includes established Sound Field Management (SFM) and Subs/Main blending, both Harman proprietary developments used for room tuning. The equalization function is located in the JBL Synthesis SDEC (Synthesis Digital Equalizer Component), specifically the SDEC3500 (7.4 channels), SDEC4500P (7.4.4 channels) and SDEC5500 (9.4.6 channels). JBL factory personnel or an authorized Master Calibrator, using a specialized ARCOS Calibration Kit, performs the final calibration. ARCOS software can also run on many Windows PCs so that a Trade may perform initial set up including levels, delays and some manual EQ prior to a final ARCOS calibration.



DIRAC Live

The Dirac EQ system is approved for use in JBL Synthesis Systems and is specifically offered in ARCAM and Lexicon AV processors and AV Receivers. The same Harman Target curve that is used in ARCOS and Optimizer is available for use in JBL Synthesis and Revel Home theater systems. These products are designed for lower channel count systems limited to four surround and four height channel speaker locations. An Authorized Master Calibrator or a trained Trade may calibrate Dirac Live.



JBL Electronics

Model	Product Description	Part #	Retail Price VAT 24%
<p>SDP75-16</p> 	<p>16-channels of Digital Audio Processing</p> <ul style="list-style-type: none"> • Native support for all major 3D audio formats - Dolby Atmos, DTS:X, and Auro-3D • Superior multi-subwoofer management and active crossovers calibration • Configurable for up to 118 digital and analog inputs and up to 80 audio outputs • 8x HDMI Inputs, 2x HDMI Outputs • Built-in Wi-Fi & UPnP/DLNA Compliant Digital Media Renderer • Wide choice of Remote Options 	JBLSDP7516EU	29.200 €
<p>SDP75-24</p> 	<p>24-channels of Digital Audio Processing</p> <ul style="list-style-type: none"> • Native support for all major 3D audio formats - Dolby Atmos, DTS:X, and Auro-3D • Superior multi-subwoofer management and active crossovers calibration • Configurable for up to 118 digital and analog inputs and up to 80 audio outputs • 8x HDMI Inputs, 2x HDMI Outputs • Built-in Wi-Fi & UPnP/DLNA Compliant Digital Media Renderer • Wide choice of Remote Options 	JBLSDP7524EU	34.850 €
<p>SDP75-32</p> 	<p>32-channels of Digital Audio Processing</p> <ul style="list-style-type: none"> • Native support for all major 3D audio formats - Dolby Atmos, DTS:X, and Auro-3D • Superior multi-subwoofer management and active crossovers calibration • Configurable for up to 118 digital and analog inputs and up to 80 audio outputs • 8x HDMI Inputs, 2x HDMI Outputs • Built-in Wi-Fi & UPnP/DLNA Compliant Digital Media Renderer • Wide choice of Remote Options 	JBLSDP7532EU	38.900 €
<p>SDP65</p>	<ul style="list-style-type: none"> • Up to 16-channels of Digital Audio Processing • Native support for all major 3D audio formats - Dolby Atmos, DTS:X, and Auro-3D • Superior multi-subwoofer management and active crossovers calibration • Configurable for up to 118 digital and analog inputs and up to 80 audio outputs • 8x HDMI Inputs, 2x HDMI Outputs • Built-in Wi-Fi & UPnP/DLNA Compliant Digital Media Renderer • Wide choice of Remote Options 	JBLSDP65EU	17.400 €



JBL Electronics

Model	Product Description	Part #	Retail Price VAT 24%
<p>SDR35</p> 	<ul style="list-style-type: none"> • Immersive High Resolution Sound: 16 Channels of discrete high resolution processing with 4 user configurable channels enable a plethora of set up options for Dolby Atmos, DTS:X3D, Auro 3D Immersive Surround Sound Applications. • Dante Network Audio: All 16 channels of processed audio, plus Zone 2 can be routed on a single CAT5e, CAT6 cable over a standard network. Dante is easy to set up and compatible with Dante enabled JBL Synthesis amplifiers. • IMAX Enhanced: IMAX Enhanced-certified AV receiver and features DTS:X immersive audio decoding that is optimized to properly reproduce the full dynamic range of IMAX theatrical sound mixes available in IMAX Enhanced content. • Network and Bluetooth Streaming: Control your favorite content over Ethernet or Wi-Fi, via Chromecast built-in, Apple AirPlay 2, Roon, the Harman Luxury MusicLife app, play directly from a USB flash drive, or stream via Bluetooth with aptX HD. • Class G Amplification: Like a hybrid car engine, Class G implements multiple power supplies. The first power supply runs in pure Class A, which has no crossover distortion. If a dynamic signal is received that goes beyond the threshold of this first power supply, the secondary supply is gradually incorporated as required. • Cinematic Video Experience: Dolby Vision, HDR10+, HDMI2.0a with HDCP2.2, 4K "Ultra HD" as well as 3D video capabilities are built-in. • Designed for the Integrator: With an available rack mount kit, Dante, eARC and in internal Java-based configuration page, Dirac Live, IP, IR RS232 and iOS and Android App control the install, set up, and calibration has never been easier. • Logic 16: Logic 16 will up-mix any input source from mono up to 15.1, including all Dolby formats with natural astonishing 3D sound. In addition Dolby, DTS Neural:X, and Auro 3D up mixers are on board 	<p>JBLSDR35EU</p>	<p>8.950 €</p>
<p>SDP55</p> 	<ul style="list-style-type: none"> • Immersive High Resolution Sound: 16 Channels of discrete high resolution processing with 4 user configurable channels enable a plethora of set up options for Dolby Atmos, DTS:X3D, Auro 3D Immersive Surround Sound Applications. • Dante Network Audio: All 16 channels of processed audio, plus Zone 2 can be routed on a single CAT5e, CAT6 cable over a standard network. Dante is easy to set up and compatible with Dante enabled JBL Synthesis amplifiers. • IMAX Enhanced: IMAX Enhanced-certified AV receiver and features DTS:X immersive audio decoding that is optimized to properly reproduce the full dynamic range of IMAX theatrical sound mixes available in IMAX Enhanced content. • Network and Bluetooth Streaming: Control your favorite content over Ethernet or Wi-Fi, via Chromecast built-in, Apple AirPlay 2, Roon, the Harman Luxury MusicLife app, play directly from a USB flash drive, or stream via Bluetooth with aptX HD. • Balanced XLR Outputs: A transformer less balanced output of 2V RMS (max.10 V RMS) ensures ample gain and common mode noise rejection. • Cinematic Video Experience: Dolby Vision, HDR10+, HDMI2.0a with HDCP2.2, 4K "Ultra HD" as well as 3D video capabilities are built-in. • Designed for the Integrator: With an available rack mount kit, Dante, eARC and in internal Java-based configuration page, Dirac Live, IP, IR RS232 and iOS and Android App control the install, set up, and calibration has never been easier. • Logic 16: Logic 16 will up-mix any input source from mono up to 15.1, including all Dolby formats with natural astonishing 3D sound. In addition Dolby, DTS Neural:X, and Auro 3D up mixers are on board 	<p>JBLSDP55EU</p>	<p>7.270 €</p>


JBL Electronics

Model	Product Description	Part #	Retail Price VAT 24%
<p>SDA7120</p> 	<p>Class G Seven Channel Amplifier With Dante</p> <ul style="list-style-type: none"> • Dynamic Class G amplification • Dante™ audio networking • 100 watts @8 Ohms with seven channels driven • Balanced and single ended inputs • Trigger in and out • Ethernet, RS232 control 	<p>JBLSDA7120EU</p>	<p>5.030 €</p>
<p>SDA2200</p> 	<p>Class G Two Channel Amplifier With Dante</p> <ul style="list-style-type: none"> • Dynamic Class G amplification • Dante™ audio networking • 200 watts @8 Ohms 1100 watts bridged @ 4 Ohms • Balanced and single ended inputs • Trigger in and out • Ethernet, RS232 control 	<p>JBLSDA2200EU</p>	<p>4.470 €</p>

JBL Synthesis Power Amplifiers

Model	Product Description	Part #	Retail Price VAT 24%
<p>SDA 8300</p> 	<p>High-performance installation amplifier</p> <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 kOhm, 5 kOhm • Maximum Input Level before Compression +20dBu • 7-Volt Capable • Dimensions (H x W x D) 3.5" x 19" x 14.25" (8.75 cm x 48.3 cm x 36 cm) • Weight: 23.5 lbs (10.66 kg) 	<p>SDA-8300</p>	<p>6.500 €</p>
<p>SDA 4600</p> 	<p>High-performance installation amplifier</p> <ul style="list-style-type: none"> • 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 kOhm, 5 kOhm • Maximum Input Level before Compression +20dBu • 7-Volt Capable • Dimensions (H x W x D) 3.5" x 19" x 14.25" (8.75 cm x 48.3 cm x 36 cm) • Weight: 20.1 lbs (9.12 kg) 	<p>SDA-4600</p>	<p>5.400 €</p>


Revel Subwoofer Amplifier

Model	Product Description	Part #	Retail Price VAT 24%
<p>SA1000</p> 	<p>Amplifier</p> <ul style="list-style-type: none"> • User-adjustable Single-band PEQ - Room Equalization • Short-circuit and over-current protection • Over-temperature compensation • Two dual=banana output connectors for easy connection • Rated output power (RMS) into the minimum impedance of 4 Ohms: 700 Watts (350W per subwoofer) • Peak power: 1500 Watts (750W per subwoofer) • Rated Impedance: 4 Ohms • Input sensitivity to 1W @ 50Hz: 16.3mVrms +/- 1dB (Single input driver) Gain = 41.7dB • Minimum AC Main power requirements: 100-120VAC-50-60Hz Model 700W 5A 230VAC 50-60Hz Model: 700W, 3A • Dimensions: H x W x D: 3.5" x 17" x 1.04" (88.9mm x 431.8mm x 280.3mm) • Weight: 14 lb (6.35kg) • Packaged dimensions (H x W x D): 16.3" x 7.5" x 21.5" (413 x 190 x 546mm) • Packaged weight: 18 lb (8.2 kg) 	<p>REVSA1000</p>	<p>1.430 €</p>

Synthesis Custom In-Wall Loudspeakers

Model	Product Description	Part #	Retail Price VAT 24%
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): 40.2" x 12.8" (1020.8mm x 325.5mm) • Cutout dimensions with backbox (H x W): 38.25" x 11.5" (971.6mm x 292.1mm) • Mounting depth with backbox: 5.8" (147mm) • Weight: 53.5 lb (24.3kg) • Finishes: Matte Black with white paintable grille 	SCL-2	7.200 €/each
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): 16.5" x 16.5" x 6.01" (418mm x 418mm x 153mm) • Weight: 24.3 lb (11.02 kg) • Finishes: Matte Black 	SCL-3	3.600 €/each
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 @ 10 KHz): 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): 25" x 16.1" x 3.7" (636mm x 409mm x 93mm) • Weight: 27.6 lb (12.51 kg) • Finishes: Matte Black 	SCL-4	3.600 €/each



Synthesis Custom In-Ceiling Loudspeakers

Model	Product Description	Part #	Retail Price VAT 24%
<p>SCL-5</p> 	<p>2-way In-ceiling Loudspeaker</p> <ul style="list-style-type: none"> • 6.5-inch (165mm) Cast-frame, advanced aluminum matrix Cone with low-distortion neodymium motor structure • D2-derived 1-inch / 25mm D2409H annular ring, Teonex[®] diaphragm compression driver • High-Definition Imaging (HDI[™]) waveguide • Retractable Cat Claws mounting system for easy installation • Hi Frequency Level and Boundary Compensation switches • Rotatable, angled baffle • Metal back can be integrated with system • Sealed / acoustic suspension design • Gold plated, spring-loaded, push type binding post terminals • Zero-bezel, magnetically attached round and square grilles 	<p>JBLSCL5</p>	<p>2.500 €/each</p>


Synthesis Custom In-Wall Loudspeakers - Conceal

Model	Product Description	Part #	Retail Price VAT 24%
C62	6.5-inch (165mm) 2-element Invisible Loudspeaker <ul style="list-style-type: none"> • Nominal Impedance: 8Ω • Power Handling: 100 Watts RMS • SPL (1w/1m): 83dB • Bandwidth: 45Hz–20kHz • Driver Technology: Direct-coupled Exciters (HF) and Acoustic Levered Cone Woofer (LF) • Panel Size: (H x W x D): 16" x 12" x 2.25" (406 x 305 x 57mm)JBL C626.5-inch (165mm) 2-element Invisible Loudspeaker	C62	700 €/each
C83	8-inch (200mm) 3-element Invisible Loudspeaker <ul style="list-style-type: none"> • Nominal Impedance: 8Ω • Power Handling: 160 Watts RMS SPL (1w/1m): 83dB • Bandwidth: 40Hz–20kHz • Driver Technology: Direct-coupled Exciters (HF/MF) and Acoustic Levered Cone Woofer (LF) • Panel Size: (H x W x D): 16" x 22" x 2.5" (406 x 559 x 64mm)JBL C838-inch (200mm) 3-element Invisible Loudspeaker	C83	1.150 €/each
C86	2-Panel 6-element 3-way Full Range Invisible Loudspeaker <ul style="list-style-type: none"> • Nominal Impedance: 8Ω • Power Handling: 200 Watts RMS SPL (1w/1m): 83dB • Bandwidth: 45Hz–20kHz • Driver Technology: Direct-coupled Exciters (HF/MF) and Acoustic Levered Cone Woofer (LF) • Panel Size HF (H x W x D): 16" x 12" x 2.75" (406 x 305 x 70mm) • Panel Size LF (H x W x D): 16" x 22" x 2.5" (406 x 559 x 64mm)JBL C868-inch (200mm) 6-element Dual Panel Invisible Loudspeaker	C86	2.300 €/each
C82W	Dual 8-inch (200mm) Dual Panel Invisible Subwoofer System <ul style="list-style-type: none"> • Nominal Impedance: 8Ω (per pair) • Power Handling: 100 Watts RMS • SPL (1w/1m): 86dB • Bandwidth: 20Hz–160Hz • Driver Technology: Acoustic Levered Cone Woofer • Panel Size HF (H x W x D): 16" x 30" x 2.5" (406 x 762 x 64mm) 	C82W	1.500 €/each
C12PCB		C12PCB	180 €/each
C22PCB		C22PCB	190 €/each
C30PCB		C30PCB	200 €/each
C83 Demo Kit		C83Demokit	2.300 €/each


Subwoofers - Custom Installation

Model	Product Description	Part #	Retail Price VAT 24%
<p>SSW-2</p> 	<p>Dual 12" Passive Subwoofer</p> <ul style="list-style-type: none"> • 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): 33" x 19" x 15.3" (838.2mm x 482.6mm x 389.16mm) • Weight: 141lbs (64kg) 	SSW-2	4.200 €/each
<p>SSW-3</p> 	<p>In-wall Passive Subwoofer</p> <ul style="list-style-type: none"> • 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): 64" x 14" (393.7mm x 1676.4mm) • SSE-3BB Enclosure Dimensions (H x W x D): 64" x 14" x 5.1" (1626mm x 356mm x 130mm) • Weight: 81 lb (36.75 kg) • INCLUDES Back box - additional purchase not required 	SSW-3	3.000 €/each

Subwoofers - Custom Installation

Model	Product Description	Part #	Retail Price VAT 24%
<p>SSW-4</p> 	<p>In-wall Subwoofer</p> <ul style="list-style-type: none"> • 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): 25-3/8" x 16-1/2" x 4" (645mm x 419mm x 102mm) • Weight: 28.4 lb (12.9kg) per speaker 	<p>JBLSSW4</p>	<p>1.200 €/each</p>

Studio Monitors

Model	Product Description	Part #	Retail Price VAT 24%
<p>4429</p> 	<p>12", 3-way Studio Monitor</p> <ul style="list-style-type: none"> • Low-frequency transducer: 300mm pure-pulp cone woofer 1200FE-8 • High-frequency transducer: 50mm titanium diaphragm 175Nd-3 • Ultrahigh-frequency transducer: 19mm titanium diaphragm 138Nd • Recommended amplifier power: 200 watts RMS • Frequency response: 40Hz – 45kHz (–6dB) • Nominal impedance: 6 ohms • Sensitivity: 91dB (2.83V/1m) • Crossover frequencies: 800Hz, 7kHz • Controls: Attenuators for MF and HF drivers • Enclosure type: 25mm (1")-thick MDF (medium-density fiberboard) stock, ported • Connector type: Dual gold-plated five-way binding posts • Finish: Top coated walnut veneer • Grille color: Monitor Blue • Dimensions (H x W x D): 400mm x 635mm x 300mm (15-3/4" x 25" x 12") • Weight: 32.3kg (71 lb) 	<p>4429</p>	<p>3.600 €/each</p>

Terms and Conditions of Sale

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PRICES EFFECTIVE MARCH 2020



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