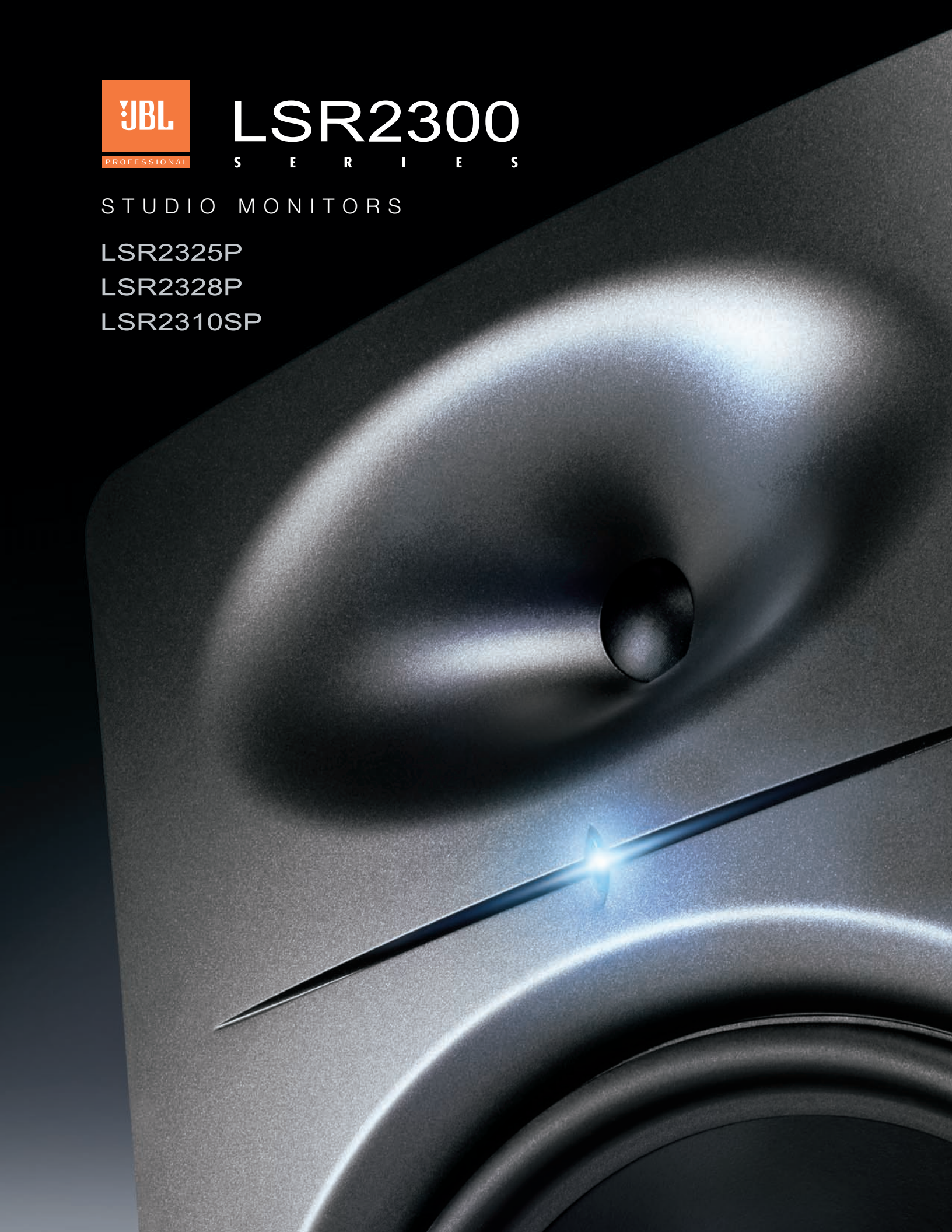
JBL PROFESSIONAL

LSR2300 SERIES

STUDIO MONITORS

LSR2325P
LSR2328P
LSR2310SP



LSR 2300 SERIES

Professional.

Just became more attainable.

LSR2325P	LSR2328P	LSR2310SP	MSC1
Two-Way 5" Bi-Amplified Studio Monitor	Two-Way 8" Bi-Amplified Studio Monitor	Powered 10" Subwoofer	Monitor System Controller with RMC™ Room Mode Correction

Subwoofer shown with protective grille removed

Legendary JBL Sound

For over 60 years JBL has been at the forefront of innovation and design. Our commitment to pushing the boundaries of acoustical engineering, and research about the way people listen has set the benchmark for an entire industry. We're not done yet. We work tirelessly to develop new products that raise the bar for performance, that are also more durable, reliable and engineered to inspire creativity, and make mixing a pleasure. The LSR2300 Series is born of the same expertise, inspiration and spirit of innovation.

The Hallmark of a Great Studio Monitor:

JBL LSR DESIGN FOR SONIC ACCURACY

While most manufacturers take only a single on-axis measurement of the speaker's performance, this doesn't tell how it will sound in a room. JBL's LSR design criteria requires seventy-two measurements yielding more than 1,200 times more data, enabling JBL to engineer a speaker system that sounds right and is accurate in any room. A trademark of LSR Design is the custom waveguide that delivers superior imaging and smoother frequency response to your listening position.

HIGH OUTPUT

Each model in the LSR2300 line produces exceptional sound pressure level (SPL) through JBL-engineered high-sensitivity transducers, high-output amplifiers and careful attention paid to the thermal properties of the system. Since heat is the enemy of output, JBL developed a low frequency port that doubles as a means of cooling of the amplifier output devices. Before becoming a production-ready design, every LSR2300 model survives the JBL Power Test in which the speaker must play at full rated output for 100 hours continuously, without failure.

EXCEPTIONAL BASS RESPONSE

Today's music styles, film production and the demand for high-quality audio for HDTV require a monitor system capable of extended low frequency performance. To address this, JBL engineered new long-excursion transducers with high-flux motors. A custom tuned port works in concert with the transducers to produce deep and accurate Low Frequency Response, previously unavailable at this price point.

THREE STEPS
To The Perfect Mix

Now it's possible to have a monitor system that eliminates the guess-work so you can create perfect mixes time after time. Just follow these three steps:

1. Take home a set of JBL LSR2300 Studio Monitors with exceptional in-room accuracy.
2. "Tune your room" with the JBL MSC1 Monitor System Controller.
3. Sit down and "Mix Your Best."

RMC™
ROOM MODE CORRECTION

Unless your room was professionally designed, it's likely your work-space suffers from the effect of Room Modes: low frequency resonance that causes even the most experienced mix engineer to misjudge bass in the mix. The **MSC1 Monitor System Controller** includes JBL's highly acclaimed RMC Room Mode Correction Technology that measures and automatically tunes the LSR2300 speakers to your room. The end-result is a calibrated reference environment in which the speakers and the room work in harmony to eliminate any guesswork.

LSR2310SP
POWERED STUDIO SUBWOOFER

With a high-excursion 10" woofer, and 180 Watt Amplifier, the LSR2310SP produces deep, powerful bass and extends the low frequency response of your system into the 20 Hz range. The included metal grille protects against potential damage to the woofer when the sub placed beneath a work station.

MSC1
MONITOR SYSTEM CONTROLLER
with RMC™ Room Mode Correction

The MSC1 combines essential monitor system features and JBL's ingenious RMC technology to control your LSR system and tune it to overcome low frequency problems in the room. The MSC1 is packed with features found on professional mixing consoles including:

- Master Volume Control · A/B Speaker Select · A/B/C input Source Select
- Subwoofer Output with Level Control and Selectable Cross Over Frequencies
- Adjustable Low Frequency and High Frequency Speaker EQ
- Headphone Output with Volume Control · Mute Control · RMC On/Bypass Control
- RMC Calibration Microphone · MSC1 Control Center Software

Professional
HARDWARE

Each LSR2300 Model is equipped with a compliment of professional features for use in a wide range of applications.

LSR2325P | LSR2328P

The LSR2325P and LSR2328P Bi-Amplified Two-Way Models include balanced XLR, balanced 1/4" TRS, and RCA unbalanced input connectors to allow connection of professional mixing consoles, computer audio interfaces, audio visual equipment, and consumer audio systems. A detented level control allows fine adjustment of individual speaker levels to balance each speaker in the system. Low Frequency and High Frequency Trim controls let you tailor the speaker's response to preference or room acoustics. A neoprene rubber pad on the bottom of the speaker provides acoustic isolation and increases stability when the speaker is placed on a speaker stand or a console top. Mounting points are included and the enclosure has been reinforced for safe mounting using industry-standard mounting hardware.

LSR2310SP

Added to a stereo system, the LSR2310SP Powered Studio Subwoofer extends the low frequency response of the system below 30Hz. In a surround sound system the sub provides stunning reproduction of the LFE (low frequency effects) channel. The LSR2310SP is packed with professional features including two sets of balanced XLR, 1/4" and unbalanced RCA input connectors, selectable crossover settings and two sets of balanced outputs to allow connection of Left and Right main speakers. A detented level control allows independent adjustment of the subwoofer output to balance the subwoofer in the system.

STANDARD MODELS	DESCRIPTION	SPECIFICATION
LSR2325P		
	System Type	5" Two-Way Bi-Amplified Powered Studio Monitor
	Drivers (LF / HF)	5" 235G / 1" 231H
	Magnetic Shielding	Yes
	Level Control	Yes
	LF Trim	+ 2 dB / -3 dB
	HF trim	+ 2.5 dB / - 2.5 dB
	Input Connectors	Balanced XLR, 1/4" TRS, RCA
	Frequency Range (+/- 3 dB)	52 Hz - 18 kHz
	Low Frequiency extension (-10 dB)	43 Hz
	Amplifier Power	LF/HF: 50 W / 35 W
	Max SPL Continous	Each / Pair: > 99 dB / > 105 dB
	Max SPKL Peak	Each / Pair: > 112 dB / > 118 dB
	Input Sensitivity	96 dB SPL / 1m
	Crossover Frequency	1.7 kHz 4th-order Acoustic Linkwitz-Riley
	Enclosure	15 mm (5/8 in) MDF
	Mounting	4 threaded mounting points conforming to Industry-standard pattern, 107.9 x 50.8 mm (4.25 x 2.00 in) center to center. M6 metric threads.
	Finish	Metallic Anthracite Pain / Dark Matte Black PVC
	Dimensions (H x W x D)	298 mm x 197 mm x 248 mm (11.75 in x 7.38 in x 9.63 in)
	Net Weight	6.8 kg (15 lb)
LSR2328P		
	System Type	8" Two-Way Bi-Amplified Powered Studio Monitor
	Drivers (LF / HF)	8" 238G / 1" 231H
	Magnetic Shielding	Yes
	Level Control	Yes
	LF Trim	+ 2 dB / -3 dB
	HF trim	+ 2.5 dB / - 2.5 dB
	Input Connectors	Balanced XLR, 1/4" TRS, RCA
	Frequency Range (+/- 3 dB)	44 Hz - 18 kHz
	Low Frequiency extension (-10 dB)	37 Hz
	Amplifier Power	LF/HF: 95 W / 70 W
	Max SPL Continous	Each / Pair: > 103 dB / > 109 dB
	Max SPKL Peak	Each / Pair: > 117 dB / > 123 dB
	Input Sensitivity	96 dB SPL / 1m
	Crossover Frequency	2.0 kHz 4th-order Acoustic Linkwitz-Riley
	Enclosure	18 mm (3/4 in) MDF
	Mounting	4 threaded mounting points conforming to Industry-standard pattern, 107.9 x 50.8 mm (4.25 x 2.00 in) center to center. M6 metric threads.
	Finish	Metallic Anthracite Pain / Dark Matte Black PVC
	Dimensions (H x W x D)	395 mm x 254 mm x 310 mm (15.5 in x 10 in x 12.5 in)
	Net Weight	12.3 kg (27 lb)
LSR2310SP		
	System Type	10" Powered Studio Subwoofer
	Drivers (LF)	10" 230H
	Magnetic Shielding	Yes
	Level Control	Yes
	Input Connectors	L&R: Balanced XLR, 1/4" TRS, RCA
	Output Connectors	L&R: Balanced XLR, 1/4" TRS
	Frequency Range (+/- 3 dB)	31 Hz - 150 Hz (-6 dB)
	Selectable Crossover	80 Hz / 120 Hz / External
	Low Frequiency extension (-10 dB)	29 Hz
	Amplifier Power	LF:180 W
	Max SPL Continous	> 103 dB
	Max SPKL Peak	> 113 dB
	Input Sensitivity	96 dB SPL / 1m (80 Hz crossover)
	Enclosure	18 mm (3/4 in) MDF
	Finish	Metallic Anthracite Pain / Dark Matte Black PVC
	Dimensions (H x W x D)	415 mm x 381 mm x 438 mm (16.12 in x 15 in x 17.25 in)
	Net Weight	20.2 kg (44.5 lb)
MSC1 Controller		
	System Type	Monitor System Controller with RMC™ Room Mode Correction
	Controls	Master Volume Control, RMC On/Off, Mute On/Off, EQ On/Off, Subwoofer On/Off, A/B/C Input Select, A/B Speaker Select, Heaphone Output Volume, Input Gain, Signal Present Indicator,Clip Indicator, Power On Indicator
	Software Controls	
		RMC Calibration Settings
	Speaker EQ (Output A)	Low Frequency EQ Shelf Frequency, Low Frequency EQ Gain, High Frequency EQ Shelf Frequency, High Frequency Gain
	Subwoofer Settings	Level Selectable Crossover Frequencies: 60 Hz, 80 Hz, 120 Hz Polarity
	Input Panel Features	
	Input Connectors (A, B / C)	4 Balanced 1/4" TRS / 2 Unbalanced RCA
	Output Connectors (A, B and Subwoofer)	5 Balanced 1/4" TRS
	Headphone Output	Stereo 1/4"
	RMC Mic IN / OUT	1/8" TRS
	Computer Interface	USB 2.0
	Included Accessories	RMC™ Calibration Microphone, MSC1 Control Center Software Computer Interconnect Cables

Close up view

Caution: Unsafe mounting or overhead suspension of any heavy load can result in serious injury and equipment damage. Mounting of speakers should be done by qualified persons in accordance with all applicable local safety and construction standards. Be certain to follow the instructions provided by the manufacturer of the mounting bracket, be certain that it is capable of supporting the weight of the speaker to be mounted.

Specifications are subject to change without prior notice.

More Information available at www.jblpro.com/LSR

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