



# LSR2300

S E R I E S

STUDIO MONITORS

LSR2325P

LSR2328P

LSR2310SP





# LSR 2300 S E R I E S

**Professional.**  
Just became more attainable.



**LSR2325P**

Two-Way 5" Bi-Amplified  
Studio Monitor

**LSR2328P**

Two-Way 8" Bi-Amplified  
Studio Monitor

**LSR2310SP**

Powered 10"  
Subwoofer

**MSC1**

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.

# Professional H A R D W A R E

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" (6.5 mm) 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" (6.5 mm) and unbalanced Phono (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.



# 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 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 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" (254 mm) 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

MSC1 sold separately

## STANDARD MODELS

## DESCRIPTION

## SPECIFICATION

LSR2325P



System Type	5" (132 mm) Two-Way Bi-Amplified Powered Studio Monitor
Drivers (LF / HF)	5" (132 mm) 235G / 1" (25 mm) 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" (6.5 mm) TRS, Phono (RCA)
Frequency Range	43 Hz - 20 kHz
Amplifier Power	LF/HF: 55 W / 35 W
Max SPL Continuous	Each / Pair: > 101 dB / > 107 dB
Max SPL Peak	Each / Pair: > 112 dB / > 118 dB
Input Sensitivity	92 dB SPL / 1m @ -10 dBV Bal Input
Crossover Frequency	1.7 kHz 4th-order Acoustic Linkwitz-Riley
Enclosure	5/8" (15 mm) 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 Paint / Dark Matte Black PVC
Dimensions (H x W x D)	303 mm x 187 mm x 258 mm (11.9 in x 7.4 in x 10 in)
Net Weight	7.7 kg (16 lb)

LSR2328P



System Type	8" (203 mm) Two-Way Bi-Amplified Powered Studio Monitor
Drivers (LF / HF)	8" (203 mm) 238G / 1" (25 mm) 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" (6.5 mm) TRS, Phono (RCA)
Frequency Range	37 Hz - 20 kHz
Amplifier Power	LF/HF: 95 W / 70 W
Max SPL Continuous	Each / Pair: > 104 dB / > 110 dB
Max SPL Peak	Each / Pair: > 117 dB / > 123 dB
Input Sensitivity	92 dB SPL / 1m @ -10 dBV Bal Input
Crossover Frequency	2.0 kHz 4th-order Acoustic Linkwitz-Riley
Enclosure	3/4 in (18 mm) 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 Paint / Dark Matte Black PVC
Dimensions (H x W x D)	397 mm x 254 mm x 335 mm (15.6 in x 10 in x 13.2 in)
Net Weight	12.7 kg (28 lb)

LSR2310SP



System Type	10" (254 mm) Powered Studio Subwoofer
Drivers (LF)	10" (254 mm) 230H
Magnetic Shielding	Yes
Level Control	Yes
Input Connectors	L&R: Balanced XLR, 1/4" (6.5 mm) TRS, Phono (RCA)
Output Connectors	L&R: Balanced XLR
Frequency Range	28 Hz - 2 kHz
Selectable Crossover	80 Hz / 120 Hz / External
Amplifier Power	180 W
Max SPL Continuous	> 104 dB
Max SPL Peak	> 113 dB
Input Sensitivity	92 dB SPL / 1m @ -10 dBV Bal Input
Enclosure	3/4" (18 mm) MDF
Finish	Metallic Anthracite Paint / Dark Matte Black PVC
Dimensions (H x W x D)	414 mm x 381 mm x 460 mm (16.3 in x 15 in x 18.1 in)
Net Weight	20.7 kg (45.5 lb)

MSC1 Controller



Close up view

<b>System Type</b>	Monitor System Controller with RMC™ Room Mode Correction
<b>Controls</b>	Master Volume Control, RMC On/Off*, Mute On/Off*, EQ On/Off*, Subwoofer On/Off, A/B/C Input Select, A/B Speaker Select, Headphone Output Volume, Input Gain, Signal Present Indicator, Clip Indicator, Power On Indicator
<b>Software Controls</b>	RMC Calibration Settings* Low Frequency EQ Shelf Frequency, Low Frequency EQ Gain, High Frequency EQ Shelf Frequency, High Frequency Gain
<b>Speaker EQ*</b>	Level
<b>Subwoofer Settings*</b>	Selectable Crossover Frequencies: 60 Hz, 80 Hz, 120 Hz Polarity
<b>Input Panel Features</b>	4 Balanced 1/4" (6.5 mm) TRS / 2 Unbalanced Phono (RCA)
Input Connectors (A, B / C)	5 Balanced 1/4" (6.5 mm) TRS
Output Connectors (A, B and Subwoofer)	Stereo 1/4" (6.5 mm)
Headphone Output	1/8" TRS (3.5 mm)
RMC Mic IN / OUT	USB 2.0
Computer Interface	RMC™ Calibration Microphone, MSC1 Control Center Software
Included Accessories	Computer Interconnect Cables

\*Available on Speaker Output A

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](http://www.jblpro.com/LSR)

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CAT LSR2300-25 8/09