

- LINEAR SPATIAL REFERENCE DESIGN
- RMC™ ROOM MODE CORRECTION SYSTEM

- THX pm3® APPROVED
- INTEGRATED MOUNTING POINTS

- PATENTED DIFFERENTIAL DRIVE® TECHNOLOGY

LSR6300 Series



LSR6325P-1

The compact **LSR6325P-1** provides exceptional performance for use in applications where accuracy is a must, but space is limited. With a 5.25" high-excursion woofer, 1" damped titanium composite tweeter, and 150 watts of amplification, it outperforms many larger systems. A boundary compensation setting adjusts response when used on workstation surfaces. When used with the LSR6312SP Subwoofer, the LSR6325P-1 is the heart of an exceptionally accurate yet space efficient full-range system.

LSR6328P

The **LSR6328P** is THE choice for stereo and multi-channel music and post audio applications where accuracy and high SPL are required. With ruler-flat +1 dB/-1.5 dB response from 50 Hz to 20 kHz, low frequency extension to 36 Hz, boundary compensation and JBL's new RMC™ system, the LSR6328P gives you exceptional low frequency performance in any room. The system is bi-amplified with a 250 Watt LF amplifier and a 120 Watt HF amplifier. Based around JBL's patented 8" Differential Drive® carbon-fiber woofer and a 1" titanium composite tweeter, the system produces smooth response and extraordinary SPL. Wall mounting provisions make the LSR6328P perfect for installation in multi-channel editorial rooms.

LSR6332

If you need a larger monitor with high SPL, for mid-field, soffit or behind the screen applications, the **LSR6332** is your choice. This three-way non-powered system can handle 200 watts continuous pink noise/800 watts peak and will generate 112 dB SPL at 1 meter. The LSR6332 incorporates a 12" neodymium Differential Drive dual coil woofer, 5" Kevlar™ midrange speaker and 1" titanium composite tweeter. The system is exceptionally flat, +1 dB/ -1.5 dB from 60 Hz to 22 kHz with LF extension to 35 Hz. User features include a -1 dB HF level setting, and dual 5-way binding posts for bi-wire capability.

LSR6312SP

The **LSR6312SP** powered subwoofer is based on a 12" woofer with JBL's patented neodymium Differential Drive and 260 watts of power. An integral bass-management system provides all the features you need for today's multi-format surround production including: LCR and Direct LFE inputs, summed output for chaining multiple subwoofers, -4 dB alignment setting, and JBL's new RMC Room Mode Correction system. RMC Calibration Kit included.



RMC™ (Room Mode Correction) Calibration Kit
The LSR6328P and LSR6312SP Subwoofer are equipped with RMC—JBL's ingenious method of zeroing-out bass problems at the mix position caused by room modes. A built-in 1/10th octave parametric equalizer allows you to correct problems below 100 Hz. The RMC Calibration Kit gives you everything you need to identify problematic room modes and tune your system. The LSR6325P-1 and LSR6332 enjoy the benefits of RMC when used in a system with the LSR6312SP Subwoofer.



LSR6325P-1



LSR6328P



LSR6332



LSR6312SP

specifications

	LSR6325P-1	LSR6328P	LSR6332	LSR6312SP
FREQUENCY RESPONSE	70 Hz - 20 kHz (+1, -2 dB)	50 Hz - 20 kHz (+1, -1.5 dB)	60 Hz - 22 kHz (+1, -1.5 dB)	28 Hz - 80 Hz (-6 dB)
LOW FREQUENCY EXTENSION	-10 dB : 48 Hz	-10 dB : 36 Hz	-10 dB : 35 Hz	-10 dB : 26 Hz
AMPLIFIER POWER (LF/HF)	100 W/50 W	250 W/120 W		260 W
SPL (CONTINUOUS/PEAK ¹)	106 dB/109 dB	108 dB/111 dB		112 dB/115 dB
LONG-TERM MAXIMUM POWER			200 W cont/800 W peak	200 W cont/800 W peak
DRIVERS (LF, MF, HF)	5.25 in/1 in	8 in/1 in	12 in/5 in/1 in	12 in
SENSITIVITY	96 dB/1m	96 dB/1m	93 dB/2.83V/1 m (90 dB/1 W/1 m)	96 dB/1 W/1 m
SYSTEM IMPEDANCE			4 ohms	
CROSSOVER FREQUENCIES	2.3 kHz	1.7 kHz	250 Hz/2.2 kHz	80 Hz
HF ADJUSTMENT	+1.5 dB/-1.5 dB	+1 dB/-1 dB	-1 dB	
INPUTS	XLR, RCA	XLR, 1/4 in	Dual 5-Way Binding	XLR, 1/4 in
MAGNETIC SHIELDING	Yes	Yes	Yes	Yes
MOUNTING CAPABILITY	Yes	Yes	Yes	Yes
FINISH	Dark Graphite	Dark Graphite	Dark Graphite	Dark Graphite
DIMENSIONS (H x W x D)	269 x 173 x 241 mm (10.6 x 6.8 x 9.5 in)	406 x 330 x 325 mm (16 x 13 x 12.5 in)	635 x 394 x 292 mm (25 x 15.5 x 11.5 in)	394 x 635 x 292 mm (15.5 x 25 x 11.5 in)
NET WEIGHT (each)	7.7 kg (17 lb)	17.7 kg (39 lb)	20.4 kg (45 lb)	22.7 kg (50 lb)

¹ Calculated using average 1 watt/ 1 meter sensitivity and peak amplifier output.

RMC Calibration Kit Included with LSR6312SP

key features

LSR4300 Series

- LINEAR SPATIAL REFERENCE DESIGN
- AUTOMATED RMC™ ROOM MODE CORRECTION
- SUPPLIED WIRELESS REMOTE CONTROL AND LSR4300 CONTROL CENTER SOFTWARE
- HARMAN HIQNET™ NETWORK FOR SYSTEM CONTROL
- MOUNTING POINTS FOR INDUSTRY-STANDARD MOUNTING HARDWARE
- EXCEPTIONALLY ACCURATE IN ANY MIX ENVIRONMENT



LSR4326P

LSR4328P

LSR4312SP

Introducing the new JBL LSR4300 Studio Monitors featuring RMC™ Room Mode Correction. The first studio monitors with powerful network intelligence built into each speaker specifically designed to deliver an accurate mix in any room, the LSR4300s are the ultimate monitor for modern production studios. The LSR4300 models feature stunning JBL sound, provide accurate mixes in any workspace, and are priced well within the reach of any studio. The first “self-aware” monitoring system, they’re the ideal choice for music, post, broadcast, stereo and surround sound production.

ACCURACY

JBL's next generation automated RMC™ Room Mode Correction system incorporates a powerful analyzer into each speaker that measures and automatically compensates for problems caused by low frequency standing waves and proximity to boundaries. This creates a stunningly clear and articulate sound stage enabling reliable mixes that translate faithfully to the outside world.

CALIBRATION & CONFIGURATION

Truly putting technology to work, system calibration is accomplished by simply plugging the LSR4300 calibration microphone into the speaker and pushing a button. The results are a revolution in professional mixing: a calibrated listening environment where the monitors truly work in harmony with the room. LSR4300 System with Harman HiQnet™ Network allows centralized control of all system settings using the LSR4300 elegant front panel controls, supplied infrared remote control or computer software.

The LSR4300 Series systems can be configured with up to eight main speakers in any desired mix of 6" and 8" models and two subwoofers. The system is automatically aligned so the sound arriving at the mix position from all speakers is balanced even in rooms with space limitations.

LSR4326P

The **LSR4326P** is a bi-amplified system with 6" woofer and 1" silk-dome tweeter.

LSR4328P

The **LSR4328P** is a bi-amplified system with 8" woofer and 1" silk-dome tweeter.

LSR4312SP

The **LSR4312SP** is a 450 watt, powered 12" subwoofer with automated RMC* and powerful features for stereo and surround sound production including bass management of the L, C, R, LS, RS channels with adjustable crossover points* plus a dedicated LFE (Low Frequency Effects) inputs.

*When used in a system with LSR4326P or LSR4328P



System calibration is accomplished by simply plugging the LSR4300 calibration microphone into the speaker and pushing a button.

specifications

	LSR4326P	LSR4328P	LSR4312SP	LSR4300 Accessory Kit*
FREQUENCY RESPONSE	± 1.5 dB: 55 Hz – 20 kHz -3 dB: 47 Hz – 22 kHz -10 dB: 39 Hz – 32 kHz	± 1.5 dB: 50 Hz – 20 kHz -3 dB: 43 Hz – 22 kHz -10 dB: 35 Hz – 32 kHz	27 Hz - 250 Hz (-6 dB) -3dB: 29 Hz -10 dB: 24 Hz	
AMPLIFIER POWER (LF/HF)	150W/ 70W	150W/ 70W	450W	
SPL (CONTINUOUS/PEAK ¹)	106 dB / 112 dB	106 dB / 112 dB	116 dB / 125 dB	
DRIVERS (LF/HF)	6.25" 436H / 1" 431 G; Self-Shielded Neodymium Motor Structures	8" 438H / 1" 431G; Self-Shielded Neodymium Motor Structures	12" 432G; Self-Shielded	
SENSITIVITY(+4dBV, -10 dBV)	94 dB/1m	94 dB/1m	94 dB/1m	
INPUTS: ANALOG	XLR, 1/4" Balanced, +4 dBV, -10 dBV	XLR, 1/4" Balanced, +4 dBV, -10 dBV	XLR, 1/4" Balanced, +4 dBV, -10 dBV, LFE +10 dB Gain	
DIGITAL	AES/EBU XLR, S/PDIF RCA	AES/EBU XLR, S/PDIF RCA	AES/EBU XLR IN, OUT; S/PDIF RCA IN, OUT	
DIGITAL PROCESSING	24 Bit, 96 kHz	24 Bit, 96 kHz	24 Bit, 96 kHz	
DATA CONNECTIONS	Harman HiQnet™ Network, USB, RMC Mic	Harman HiQnet Network, USB, RMC Mic	Harman HiQnet Network, USB, RMC Mic	
MAGNETIC SHIELDING	Yes	Yes	Yes	
MOUNTING CAPABILITY	Yes	Yes	No	
FINISH	Dark Graphite	Dark Graphite	Dark Graphite	
DIMENSIONS (H x W x D)	387 x 236 x 262 mm (15.25 x 9.3 x 10.3 in)	438 x 267 x 269 mm (17.25 x 10.5 x 10.6 in)	501 x 406 x 495 mm (19.75 x 16 x 19.25 in)	
NET WEIGHT (each)	12.7 kg (28 lb)	13.1 kg (29 lb)	29.5 kg (66 lb)	

¹ Measured using 6dB crest factor pink noise in free space at 1 Meter C weighted

LSR4300 Accessory Kit*

Includes:

- LSR4300 Calibration Microphone and mic clip
- Remote Control
- LSR4300 Control Center Software
- USB Cable

*Included in the LSR4326P/PAK and LSR4328P/PAK