Studio Monitors

JBL PROFESSIONAL IS THE PROUD RECIPIENT OF THE 2005 TECHNICAL GRAMMY®
The National Academy Of Recording Arts and Sciences Presented the 2005 Technical GRAMMY® Award to JBL Professional for Continual Mastery and Innovation in Concert, Studio, Cinema and Broadcast Sound and Monitors to Ensure Exacting Standards for the Most Accurate Sonic Experience.

JBL has more experience in designing and building transducers for professional studio monitors than any other company. We not only use the latest engineering and design equipment, but also the most important test device of all, the human ear. We believe in physics, not fads, so while other companies pick parts off somebody else's shelf, we utilize our 65 years of experience in transducer design to create the perfect transducer for each system.

In the great tradition of JBL Studio Monitors, we are pleased to offer the LSR6300 Series, the LSR4300 Series, and the LSR2300 Series that include the latest in transducer and system technology combined with recent breakthroughs in research and development to provide a more accurate studio reference.

The Linear Spatial Reference (LSR) philosophy is based on a set of design goals that carefully control the overall performance of the system in a variety of acoustic spaces. Instead of focusing on a simple measurement such as on-axis frequency response, JBL measures systems in a field 360 degrees around the speaker and engineers the entire system to ensure off-axis response reflected to the mix position is also smooth and accurate. Then JBL goes a step further to overcome problems caused by low frequency room modes which plague mix engineers. A JBL first, the RMC™ Room Mode Correction system is included in the LSR6300 and LSR4300 Series monitors and the MSC1 Monitor System Controller. The RMC system includes everything needed to analyze LF problems and restore accuracy at the mix position.

The LSR Series

- LINEAR SPATIAL REFERENCE DESIGN
- RMC™ ROOM MODE CORRECTION
- BALANCED AND UNBALANCED INPUTS THAT ACCOMODATE A WIDE RANGE OF INPUT SIGNAL LEVELS
- MOUNTING POINTS FOR INDUSTRY STANDARD MOUNTING HARDWARE
- EXCELLENT ON- AND OFF-AXIS PERFORMANCE
- HIGH SPL CAPABILITY

The JBL LSR6300, LSR4300 and the LSR2300 Series go "beyond accurate"all the way to "stunning"by incorporating features which reduce the effect of problems in the room. We start with JBL transducer and network technologies that provide ultra-flat response and exceptional dynamic range. Then we incorporate features that help to overcome the contributions of the room. So even if you work in a small home studio, you'll have clear sound at the mix position. All LSR models are engineered for use in the most demanding production environments. With JBL's LSR6300 Series, LSR4300 Series, and the New LSR2300 Series, mixing is a pleasure.

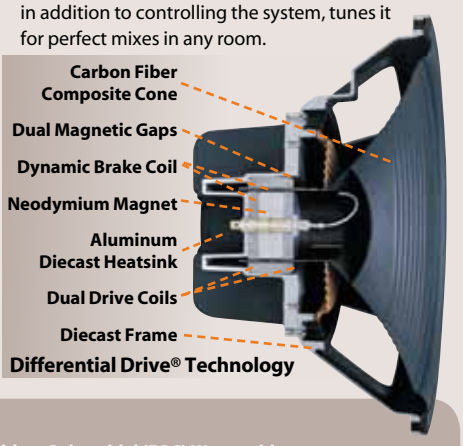
It takes more than an accurate speaker system to have accurate response at the mix position. Problems in the room dramatically color what you hear at the mix position. Walls and corners can affect response. And standing waves at the mix position can lead you to misjudge bass content. As a result, a speaker which measures flat in an anechoic chamber may "tell you a different story" in the room. The key to accuracy is tackling the effect of boundaries, standing waves and reflections. In developing the LSR Series, JBL examined each problem in the environment and created the perfect solution. Even if you work in a small control room, an LSR system will provide smooth accurate response at the mixer's chair.

LSR (Linear Spatial Reference Technology)

Much of what you hear at the mix position is reflected—not direct sound. Linear Spatial Reference Technology ensures mid and high frequency response of our speakers is neutral at the mix position. The exact geometry of the waveguide, the interaction of the woofer and tweeter, and the network are designed to provide an accurate listening window of ± 30 degree horizontal, ± 15 degree vertical. As a result, the reflected sound that reaches the mix position is smooth and accurate.

RMC™ (Room Mode Correction)

Room modes or standing waves can mislead you give you a false impression of low frequency content in the mix. JBL is first to supply a complete solution for identifying and overcoming the negative effect of room modes. The LSR6328P, LSR6312SP, all LSR4300 models and the MSC1 Monitor System Controller are equipped with RMC™, JBL's ingenious Room Mode Correction System. The LSR6300 RMC Calibration kit includes everything needed to identify room modes and set the LSR6300 series on-board parametric equalizer. JBL engineers took the RMC solution one step further by equipping the LSR4300 Series speakers with an automated analyzer and corrective filter. Both systems dramatically improve low frequency performance at the mix position. The LSR2300 Series owner can enjoy the benefits of JBL RMC Technology by adding the optional MSC1 Monitor System Controller with RMC that, in addition to controlling the system, tunes it for perfect mixes in any room.



Differential Drive® Technology

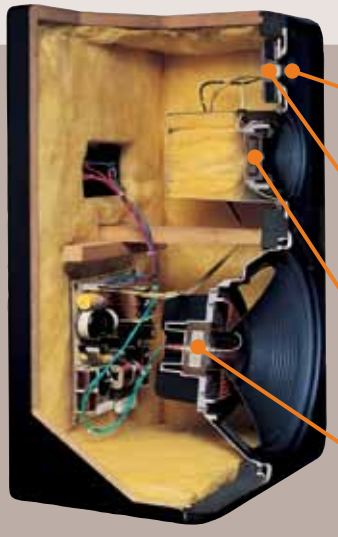
Built-in Boundary Compensation

With the advent of multi-channel production, space limitations may compromise the positioning of the speakers. JBL's powered LSR6300 models include boundary compensation switches, while the RMC™ Systems in the LSR4300 and the MSC1 Monitor System Controller include filters to offset the increase in bass response that occurs when the speaker is placed near a wall, in a corner or on a work surface.

Stunning Sound

Starting with application-designed and built transducers engineered for extremely accurate response and superb power handling, the stunning sound of the LSR Series Studio Monitors make long mix sessions a pleasure. The LSR6300 line* incorporates the single most significant advance in monitor history: JBL's patented Differential Drive® Technology. Providing unparalleled performance, the woofer permanently dispels the notion that better linearity, higher power handling and greater dynamic accuracy are somehow unobtainable. JBL's Differential Drive uses two drive coils with twice the thermal surface area of traditional speakers. As a result, LSR6300 systems provide higher peak output with less spectral shift that causes monitors to sound different when driven at different power levels. All LSR Series speakers withstand the JBL loudspeaker torture test driven at full rated power for over 100 hours. Meeting higher standards than any other loudspeaker manufacturer, JBL's demanding test ensures that the LSR Studio Monitors give you accurate mixes year after year.

** (LSR6328P, LSR6332, LSR6312SP)*



LSR6332

Elliptical Oblate Spheroidal (EOS) Waveguide
Designed for a targeted listening window of ± 30 degrees horizontally and ±15 degrees vertically, the EOS provides smooth response through the entire listening window within 1.5 dB of the on-axis response. The result: The listener, even far off-axis, can hear an accurate representation of the on-axis response.

Composite High Frequency Device
The 1" magnetically shielded dome high frequency device incorporates titanium and composite materials to improve transient response and reduce distortion. The result: By reducing distortion in the lower operating range where the human ear is most sensitive, listener fatigue is dramatically reduced.

500G Midrange Transducer
The midrange is a 2" neodymium motor with a 5-inch woven Kevlar™ cone. The powerful motor structure was chosen to support the low crossover point to the woofer. In order to achieve the goal of accurate spatial response, the crossover points match the directivity characteristics of the three transducers for optimum spatial response. The result: Absolute pinpoint accuracy.

Dynamic Braking
LSR6300 low frequency transducers are equipped with an electromagnetic braking coil that reduces the effects of extreme excursion with high transient material. This causes more linear compliance resulting in lower distortion, more accurate reproduction and increased reliability.

Reinforced mounting points on LSR speakers allow convenient positioning and installation of multi-channel surround systems for any mixing application, in any studio environment.

LSR6300 SERIES

- LINEAR SPATIAL REFERENCE DESIGN
- RMC™ ROOM MODE CORRECTION SYSTEM
- THX pm3® APPROVED
- INTEGRATED MOUNTING POINTS
- PATENTED DIFFERENTIAL DRIVE® TECHNOLOGY

LSR6300 SERIES 2004 WINNER

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, ¼ in	Dual 5-Way Binding	XLR, ¼ 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)

METAlliance CERTIFIED

RMC Calibration Kit included with purchase of two or more

RMC Calibration Kit included with LSR6312SP

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

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

TEC 2006 WINNER

LSR4326P

LSR4328P

LSR4312SP

The first "self-aware" monitoring system, the JBL LSR4300 Studio Monitors incorporate powerful network intelligence and RMC™ Room Mode Correction in the speaker, to deliver superb sound and accurate mixes in any room. With digital inputs, and computer connectivity, the LSR4300s are the ultimate monitor for the modern production environment. The LSR4300 series have become THE choice of facilities engaged in 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.

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

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*

specifications

	LSR4326P	LSR4328P	LSR4312SP
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 (+4 dBU, -10 dBV)	94 dB/1m	94 dB/1m	94 dB/1m
INPUTS:ANALOG	XLR, ¼" Balanced, +4 dBU, -10 dBV	XLR, ¼" Balanced, +4 dBU, -10 dBV	XLR, ¼" Balanced, +4 dBU, -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: BAFFLE/ENCLOSURE	Gray Soft Touch/Gray	Gray Soft Touch/Gray	Gray Soft Touch/Gray
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)	14.1 kg (31 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

LSR2300 SERIES

- LINEAR SPATIAL REFERENCE DESIGN FOR SUPERIOR ACCURACY AND IMAGING
- EXCEPTIONAL LOW FREQUENCY PERFORMANCE
- HIGH OUTPUT
- INTEGRATED MOUNTING POINTS
- OPTIONAL MSC1 MONITOR SYSTEM CONTROLLER WITH RMC™ ROOM MODE CORRECTION

JBL Professional proudly introduces the new LSR2300 Series and The MSC1 Monitor System Controller delivering professional performance at a price within reach of any studio. The LSR2300 models incorporate the same Linear Spatial Reference design that have made the LSR6300 and LSR4300 Series the choice of top professionals and facilities world-wide. To produce an extraordinary monitor system at these price points, our award-winning engineers pushed the limits in every aspect of the design. With the understanding that today's audio mixing and recording is carried out in a broad range of environments, JBL designed a system that delivers perfect mixes in any room.

SONIC ACCURACY

Meeting LSR Linear Spatial Reference criteria produces superior imaging and ensures, what you hear at the mix position is neutral in a broad range of environments. The precision wave guide and crossover design, and a newly developed Elliptical Tweeter Aperture result in superior accuracy and imaging at the mix position.

EXTENDED LOW FREQUENCY RESPONSE

JBL developed long-excursion low frequency transducers, and custom tuned ports that work in concert to produce deep accurate Low Frequency Response.

HIGH OUTPUT

JBL-engineered high-sensitivity transducers, high-output amplifiers and paid careful attention to the thermal properties of the system, allowing each model in the LSR2300 line to produce exceptional sound pressure level (SPL). All three LSR2300 models have survived the JBL torture-test in which each system must play at full rated power for 100 hours before becoming a production-ready design.

MSCI MONITOR SYSTEM CONTROLLER

The new MSC1 Monitor System Controller is a desk-top unit that allows monitoring of a range of input sources and connection of two sets of speakers and a subwoofer. Since the bulk of today's work is carried out in acoustically less-than perfect rooms, he MSC1 incorporates JBL's highly-acclaimed RMC ™ Room Mode Correction that measures and tunes your monitor system for better mixes. MSC1 main "A" speaker outputs include monitor EQ and RMC. The subwoofer output has its own level and crossover controls, and RMC to perfectly blend the sub with the "A" speakers. The very affordable MSC1 works with any speaker system.

MSC1 Rear Panel

specifications

	LSR2328P	LSR2325P	LSR2310SP
FREQUENCY RESPONSE (±3 dB)	44 Hz - 18 kHz	52 Hz - 18 kHz	31 Hz - 150 Hz (-6dB)
LOW FREQUENCY EXTENSION (-10dB)	37 Hz	43 Hz	29 Hz
AMPLIFIER POWER (LF/HF)	95W / 70W	50W / 35W	180W
MAX SPL CONTINUOUS (EACH / PAIR)	> 103 dB / >109 dB	> 99 dB / >105 dB	> 103 dB
MAX SPL PEAK (EACH/ PAIR)	> 117 dB / >123 dB	>112 dB / >118 dB	>113 dB
DRIVERS (LF/HF)	8" 238G / 1" 231H; Silk Substrate Neodymium	5" 235G / 1" 231H; Silk Substrate Neodymium	10" 230H; Self-Shielded
INPUT SENSITIVITY: XLR, 1/4" -10dBV; RCA -20 dBV	96 dB SPL / 1m	96 dB SPL / 1m	96 dB SPL / 1m (80 Hz cross over)
INPUTS	XLR,1/4" Balanced, RCA Unbalanced	XLR,1/4" Balanced, RCA Unbalanced	(L&R) XLR,1/4" Balanced, RCA Unbalanced
OUTPUTS	N/A	N/A	(L&R) XLR,1/4" Balanced
USER CONTROLS	Input Level; HF Trim, LF Trim	Input Level; HF Trim, LF Trim	Input Level; Crossover 80 Hz, 120 Hz, External; Polarity
MAGNETIC SHIELDING	Yes	Yes	Yes
MOUNTING CAPABILITY	Yes	Yes	No
FINISH: BAFFLE ENCLOSURE	Metallic Anthracite Paint Matte Black PVC	Metallic Anthracite Paint Matte Black PVC	Metallic Anthracite Paint Matte Black PVC; Black Metal Grille
DIMENSIONS (H x W x D)	395 x 254 x 310 mm 15.5 x 10 x 12.5 in	298 x 187 x 248 mm 11.75 x 7.38 x 9.63 in	415 x 381 x 438 mm 16.12 x 15 x 17.25 in
NET WEIGHT (each)	12.3 kg (27 lb)	6.8 kg (15 lb)	20.2 kg (44.5 lb)

MSC1 Features & Specifications:

- Master Volume Control
- A/B Speaker Select
- A/B/C Input Source Select
- Subwoofer Output with Level Control and Selectable Crossover Frequencies
- Adjustable Low and High Frequency Speaker EQ
- Headphone Output with Volume Control
- Monitor Mute Control
- RMC On/Bypass Control
- Balanced Outputs, Balanced & Unbalanced Inputs
- Included: Calibration Microphone and MSC1 Control Center Software
- Frequency Response: +0/-0.5 dB, 20 Hz - 20 kHz
- S/N, Dynamic Range: 110 dB typical, A-weighted, 20 Hz - 20 kHz
- Dimensions W x D x H: 198 x 165 x 83 mm (7.8 x 6.5 x 3.25 in)

Control® Monitors

key features

- MOLDED ENCLOSURES WITH SHIELDED MAGNETIC STRUCTURES
- HIGH SENSITIVITY AND POWER HANDLING CAPABILITY

CONTROL 2P KEY FEATURES

- INTERNAL 35W/CHANNEL POWER AMP
- BALANCED AND UNBALANCED INPUT CONNECTORS
- WALL MOUNT READY

The JBL Control Series speakers offer well balanced sound and exceptional power handling , making these speakers ideal for any installation requiring professional control monitor performance from a compact source.

CONTROL® 1 PRO

The Control 1 Pro is a high-performance compact loudspeaker system incorporating monitor-grade, magnetically shielded transducers, a professional crossover network and full-range SonicGuard™ overload protection resulting in a loudspeaker system that is perfect for a wide variety of critical near-field audio applications, audio-visual applications, computer workstations, recording and broadcast studios, mobile audio-video control rooms and foreground and back- ground music. Includes wall-mounting brackets.

CONTROL 5™

The Control 5 is a high-performance, wide range control monitor suitable for use as the primary sound source in a variety of applications. The 165 mm (6 ½ in) low-frequency driver and 25 mm (1 in) pure titanium dome tweeter are magnetically shielded for use in close proximity to video monitors.

CONTROL SERIES MOUNTING ACCESSORIES

Specialized mounting systems allow positioning of enclosures in exactly the right space for optimum performance in the tough applications where Control Series enclosures are often used. Order MTC-51 Wall Mount (black) or MTC-2 Ceiling Mount (black).

CONTROL 2P

The Control 2P Compact Powered Reference Monitor System combines JBL's legendary loudspeaker design with powerful amplification to deliver rich, accurate performance for the most demanding audio applications. The compact design, rugged enclosure, and professional feature-set make the Control 2P Compact Powered Reference Monitor ideal for desk-top recording and video production, audio visual presentations, professional broadcast applications, and monitoring of electronic musical instruments.

Model C2PS - Control 2P Stereo Pair includes one C2PM powered master, one passive extension speaker, one power supply and two snap-on angle pedestals.

Model C2PM: One Control 2P Powered Master speaker without passive extension speaker.

MTC-2P: Wall mounting kit for Control 2P. Includes two wall mounts, one power supply holder.

specifications

	CONTROL 1 PRO	CONTROL 5
FREQUENCY RESPONSE	100 Hz - 18 kHz (± 3 dB)	75 Hz - 20 kHz (± 3 dB)
POWER CAPACITY [1]	150 W	175 W
SENSITIVITY: 1 W, 1 m	87 dB SPL	89 dB SPL
NOMINAL IMPEDANCE	4 ohms	4 ohms
COMPONENTS: LF HF	135 mm (5 ¼ in) 19 mm (¾ in)	165 mm (6 ½ in) 25 mm (1 in)
ENCLOSURE	Polypropylene structural foam	Polypropylene structural foam
FINISH	Black (C1Pro) or white (C1Pro-WH)	Black or white (-WH)
DIMENSIONS (H x W x D)	235 x 159 x 143 mm 9.25 x 6.25 x 5.6 in	387 x 251 x 229 mm 15.25 x 9.8 x 9 in
NET WEIGHT (each)	1.8 kg (4 lb)	4.5 kg (10 lb)

[1] *IEC filtered random noise (50 Hz - 5 kHz) with a crest factor (peak to average ratio) of 6 dB.*

MTC-51

MTC-52

CONTROL 5 OPTIONAL MOUNTING ACCESSORIES

	CONTROL 2P
FREQUENCY RANGE	80Hz - 20 kHz
MAX. SPL	115 dB (pair); 111 dB (master only)
INPUT SENSITIVITY	+4 dBu XLR ¼ in; 0 dBu RCA
AMPLIFIER POWER	35 Watts continuous per-channel
COMPONENTS: LF/HF	135 mm (5 ¼ in) / 19 mm (¾ in)
ENCLOSURE	Polypropylene structural foam
INPUT CONNECTORS	Balanced Neutrik®*; Combo XLR / ¼" TRS; Unbal. RCA
POWER REQUIREMENTS	19 VDC / 3.42 Amps (use only supplied power supply)
AC INPUT VOLTAGE	100 - 240 V +/- 10% 50/60 Hz
DIMENSIONS (H x W x D)	235 x 159 x 143 mm 9.25 x 6.25 x 5.6 in
NET WEIGHT: MASTER EXTENSION	2.6 kg (5.5 lb) 2.2 kg (4.5 lb)

* *Neutrik and the names of Neutrik products referenced herein are either trademarks and/or service marks of Neutrik.*