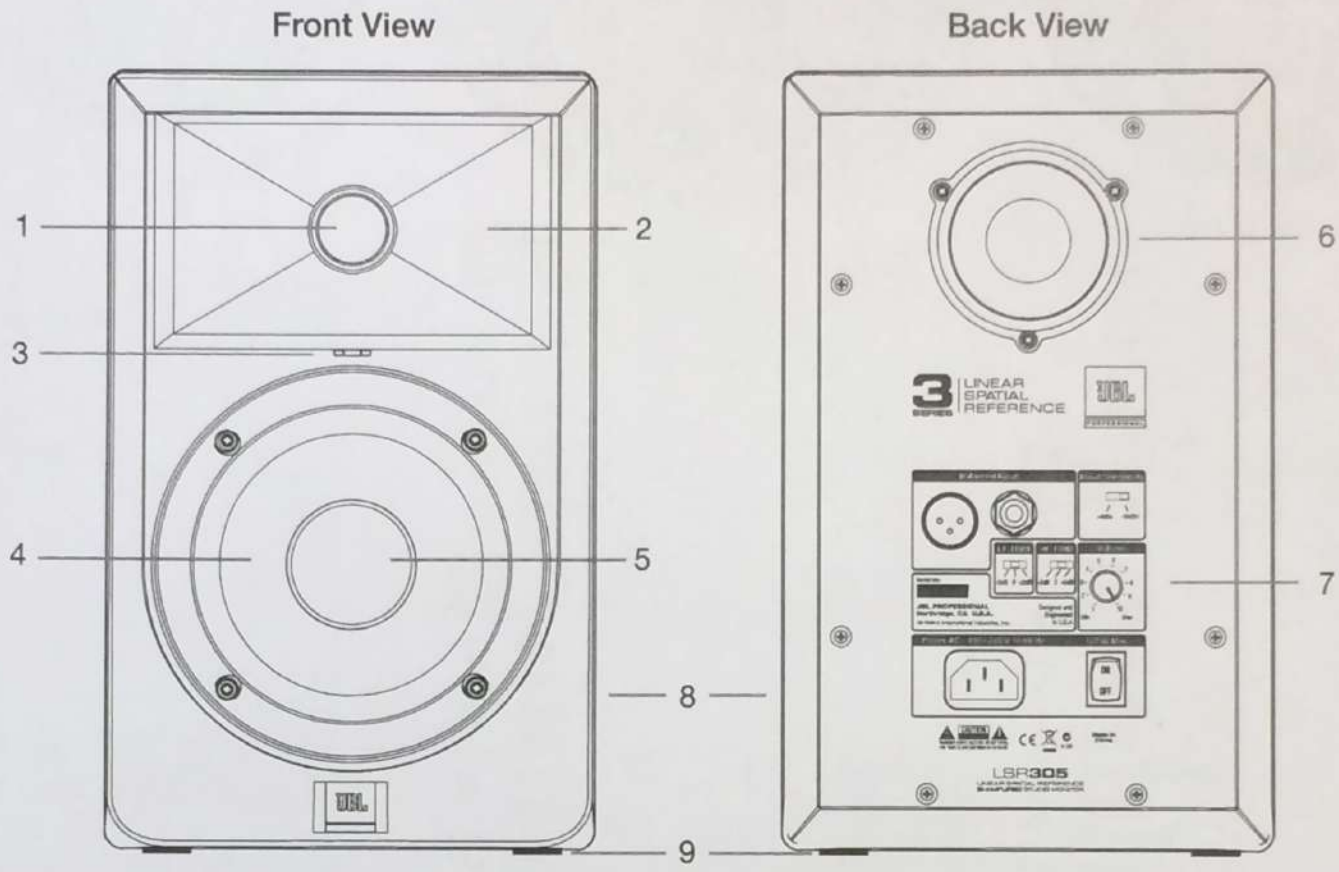
Section 4: LSR305 and LSR308 Powered Studio Monitors

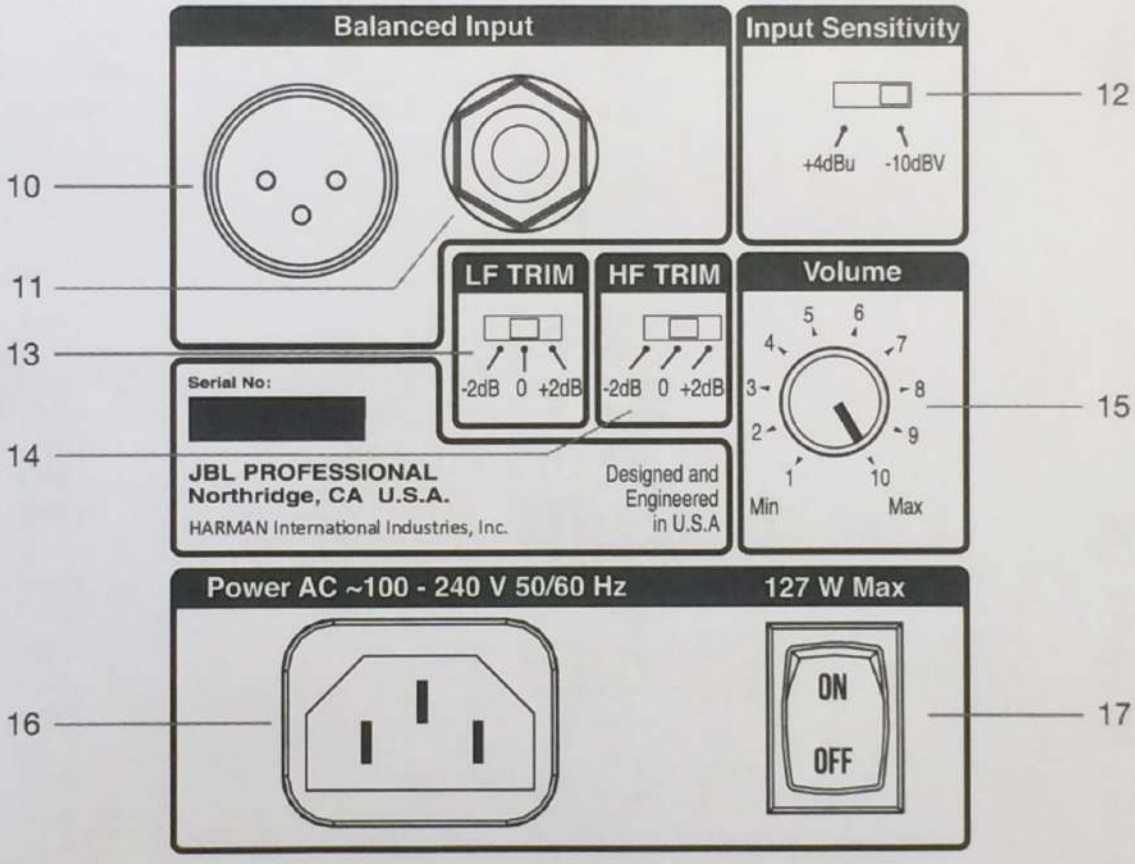


FEATURES

1. **HIGH FREQUENCY TRANSDUCER** (Tweeter) – Reproduces high frequency signals.
2. **WAVEGUIDE** – The specially designed Image Control Waveguide enhances imaging and optimizes the blend of direct and reflected sound in the room, ensuring neutral sound at the mix position.
3. **POWER INDICATOR** - Illuminates when power is connected and the POWER SWITCH is set to ON. Note after setting the power switch to ON, there is a short delay prior to illumination of the LED.
4. **LOW FREQUENCY TRANSDUCER** (Woofer) – Reproduces low frequency content of the input signal.
5. **DUST DOME** - Protects the inner circuit of the woofer. This self-repairing dust dome is resistant to dents caused by fingers and objects.
6. **LOW FREQUENCY PORT** – The patented Slip Stream™ Port works in conjunction with the low frequency transducer to provide accurate low frequency performance.
7. **INPUT PANEL** – Includes input connectors, power connector and user controls.
8. **ENCLOSURE**
9. **PADS** - Pads supplied with each monitor are user-installed.

INPUT PANEL

10. **XLR INPUT** – Connect professional equipment using an XLR connector.
11. **6 mm (¼") INPUT** - Connect equipment using a 6 mm (¼") balanced or unbalanced connector.
12. **INPUT SENSITIVITY SWITCH** – Set this switch to +4 dBu to protect from overload when connecting to professional equipment and sources with very high output.
13. **LOW FREQUENCY TRIM** – Allows boost or attenuation of low frequency output by 2 dB.
14. **HIGH FREQUENCY TRIM** – Allows boost or attenuation of high frequency output by 2 dB.
15. **VOLUME CONTROL** – Use this control to set the maximum listening level.
16. **POWER RECEPTACLE** – Connection for the power cord.
17. **POWER SWITCH** – Activates power for the system.



AUDIO CONNECTIONS

Connect signal sources to either the XLR or 6 mm (¼") INPUT CONNECTORS. Connect only a single signal source to the speaker using either the XLR INPUT CONNECTOR, OR the 6 mm (¼") TRS INPUT CONNECTOR. Do not connect multiple signal sources to both input connectors simultaneously.

Section 8: Specifications

Specifications

	LSR305	LSR308	LSR310S
Frequency Range:	43 Hz – 24 kHz	37 Hz - 24 kHz	27 Hz
Crossover:	1725 Hz 4th order acoustic Linkwitz-Riley	1800 Hz 4th order acoustic Linkwitz-Riley	- - -
Maximum Peak SPL:	108 dB SPL *	112 dB SPL *	113 dB **
Maximum Peak Input Level: -10 dBV / +4 dBu	+6 dBV / +20.3 dBu	+6 dBV / +20.3 dBu	+6 dBV / +20.3 dBu
Input Connectors:	1 x XLR, 1 x TRS Balanced	1 x XLR, 1 x TRS Balanced	2 x XLR, 2 x TRS Balanced
Input Sensitivity: (-10 dBV input)	92 dB / 1m	92 dB / 1m	92 dB / 1m
HF Driver Size:	25 mm (1")	25 mm (1")	- - -
LF Driver Size:	127 mm (5")	203 mm (8")	250 mm (10")
HF Driver Power Amp:	41 W Class D	56W Class D	- - -
LF Driver Power Amp:	41 W Class D	56W Class D	200W Class D
HF Trim Control:	+2 dB, 0, -2 dB @ 4.4 kHz	+2 dB, 0, -2 dB @ 4.4 kHz	- - -
LF Trim Control:	+2 dB, 0, -2 dB @ 115 Hz	+2 dB, 0, -2 dB @ 115 Hz	- - -
AC Input Voltage:	100-240 VAC +/- 10% 50/60 Hz	100-240 VAC +/- 10% 50/60 Hz	100-240 VAC +/- 10% 50/60 Hz
Enclosure Construction:	15 mm (5/8 in) MDF	15 mm (5/8 in) MDF	18 mm (3/4 in) MDF
Enclosure Finish:	Matte Black PVC	Matte Black PVC	Matte Black PVC
Baffle Construction:	Injection-molded structural ABS	Injection-molded structural ABS	- - -
Baffle Finish:	Metallic Black Acrylic Paint	Metallic Black Acrylic Paint	- - -
Dimensions (H x W x D):	298 mm x 185 mm x 231 mm (11.75 in x 7.28 in x 9.88 in)	419 mm x 254 mm x 308 mm (16.5 in x 10.0 in x 12.1 in)	448 mm x 381 mm x 398 mm (17.65 in x 15.0 in x 15.65 in)
Weight:	4.6 kg (10.12 lbs)	8.6 kg (18.9 lbs)	15.6 kg (34.3 lbs)
Display Carton (H x W x D):	354 mm x 244 mm x 299 mm (13.93 in x 9.6 in x 11.77 in)	473 mm x 312 mm x 358 mm (18.6 in x 12.2 in x 14.0 in)	505 mm x 466 mm x 476 mm (19.9 in x 18.3 in x 18.7 in)
Shipping Carton (H x W x D):	373 mm x 260 mm x 315 mm (14.69 in x 10.22 in x 12.4 in)	491mm x 326 mm x 371 mm (19.3 in x 12.8 in x 14.6 in)	520 mm x 478 mm x 488 mm (20.5 in x 18.8 in x 19.2 in)
Shipping Weight:	6 kg (13.2 lbs)	10 kg (22 lbs)	19.1 kg (42 lbs)

* Full Bandwidth Pink Noise Measured C-Weighted
** Measured in Half Space