

MSR Series

Powered Loudspeaker



MSR400

MSR400 Rear Panel



MSR250

MSR250 Rear Panel



MSR100

MSR100 Rear Panel



MSR800W

MSR800W Rear Panel



All-in-one sound solutions that are powerful, versatile, and reliable.

MSR400

- Bi-amplified 12" cone type woofer and 1.75" compression driver deliver total output power of up to 400 watts (LF: 300 watts, HF: 100 watts burst).
- Three balanced input connectors: XLR-3-31, XLR-3-32, and phone
- Input level range from -36 dB to +4 dB accepts output from your mixer as well as microphones, synthesizers, or other electronic musical instruments.
- Input level adjustment and a two-band equalizer
- 35mm tripod stand mountable and 8-mm threaded holes facilitate wall or ceiling mounting.

OPTIONS (MSR400/MSR250)

BCS251 Ceiling Bracket

BWS251-400 Wall Bracket

BBS251 Baton Bracket

MSR250

- Class D amplifier delivers 250 watts via a 10" cone woofer and 1" titanium-dome compression driver.
- 2.5" woofer voice coil for superior sonic performance and durability.
- Asymmetrical cabinet design plus acoustic insulation eliminates internal standing waves for pure, precise output.
- Dual inputs with independent EQ and level controls.
- Link out jack allows connection of multiple units for greater power and coverage.

MSR100

- 100-watt power amplifier delivers outstanding dynamic range and clarity.
- Built-in mixer with 3 inputs and master EQ for sound control.
- "Input 1" XLR connector accommodates almost any microphone or line input (with a -50dB/+4dB pad switch), while line sources can be connected to the "Input 2" and "Input 3" phone-jack connectors.
- Link out jack can be used to connect multiple units for higher power and expanded coverage.
- Mounting options allow pole mounting, ceiling suspension, or wall mounting.

OPTIONS (MSR100)

BCS251
Ceiling Bracket

BWS50-190/260
Wall Bracket

BBS251
Baton Bracket

MSR800W

- A bass reflex enclosure housing a 15" woofer and powerful built-in amplifier delivers solid lows with up to 800 watts (burst)
- Thru and high-pass outputs for flexible system integration.
- Variable 80-100 Hz high-pass filter.
- LED peak indicator.

SPECIFICATIONS

Model	MSR400	MSR250	MSR100	MSR800W
Type	Bi-amp 2-way, bass-reflex type powered speaker			Bass-reflex powered subwoofer
Frequency Range (-10dB)	50Hz - 20kHz		55Hz - 20Hz	40Hz - 120Hz
Nominal Coverage (Horizontal x Vertical)	90° x 40°			-
Maximum SPL (1m, on axis)	121dB SPL	116dB SPL	112dB SPL	122dB SPL
Components	LF HF	1.75" compression driver 1" compression driver	8" cone 1" compression driver	15" cone -
Output Power	LF: 225W HF: 75W	200W	100W	500W Burst power: 800W
Input Sensitivity, Impedance	MIC/LINE: -36dBu/+4dBu, 10k Ω	INPUT 1 (XLR): -60dBu(MIC)/-30dBu(Line), (PHONE): -50dBu(Mic)/-20dBu(Line), INPUT 2/3: -20dBu	INPUT1: -50dB(Mic)/+4dB(Line), 10k Ω (Line), (with select SW), INPUT 2&3: -10dB, 10k Ω (Line)	+4dBu, 30k Ω
Line Input and Output Connectors	1: XLR-3-31 balanced 2: XLR-3-32 balanced 3: PHONE balanced	INPUT 1: XLR-3-31 type/Phone jack(Balanced) INPUT 2/3: Phone jack/RCA pin(Unbalanced), LINK OUT: Phone jack	Input 1 (MIC /LINE switch): XLR-3-31 type (-50dB/+4dB, 10k Ω), Input 2,3: Phone jack (-10dB, 10k Ω) LINK Output: Phone jack (-10dB, 10k Ω , Pre-EQ)	Input (ch-A&B): XLR-3-31 balanced THRU Out(ch-A&B): XLR-3-32 balanced High Pass Out(ch-A&B): XLR-3-32 balanced (100Hz, 18dB/Oct, +4dB)
Controls	Level Control EQ.LOW (+/- 3dB at 55Hz) EQ.HIGH (+/- 3dB at HF)	Equalizer (LOW: +/13dB at 60Hz, HIGH: +/-6dB at 10kHz)	MIC Level LINE Level x2 Master Level Equalizer (HIGH/LOW)	MASTER Level Control CUT OFF FREQ. Control: 80Hz to 100Hz variable PHASE Switch: NORM/REV
Power requirements	Japan: AC100V 50/60Hz North America: AC120V, 60Hz Other Areas: AC120V, 50/60Hz			
Power Consumption	110W	40W	70W	200W
Flying and Mounting Hardware	2x M8-17	2 x M8-25	2 x M8-25	-
Pole Socket	35mm(1-3/8 inch) to 36mm	35mm (1-3/8 inch) to 36mm	-	35mm (1-3/8inch)
Dimensions (W x H x D)	406 x 652 x 351mm (16.0" x 25.7" x 13.8")	342 x 544.5 x 298mm (13.0" x 21.4" x 11.7")	275 x 455.5 x 255mm (10.8" x 17.9" x 10.0")	600 x 521 x 590mm (16.0" x 25.7" x 13.8")
Weight	23.0kg (50.7lbs)	14.1kg (31.1/8lbs)	11.0kg (24.3lbs)	45.0kg (99.2lbs)

* These specifications apply to rated power supplies of 100, 120, 230 and 240 V.

DIMENSIONS

unit : mm (inch)

