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.

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.

OPTIONS (MSR400/MSR250)

BCS251 Ceiling Bracket

BWS251-400 Wall Bracket

BBS251 Baton Bracket

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.

MSR Series

SPECIFICATIONS

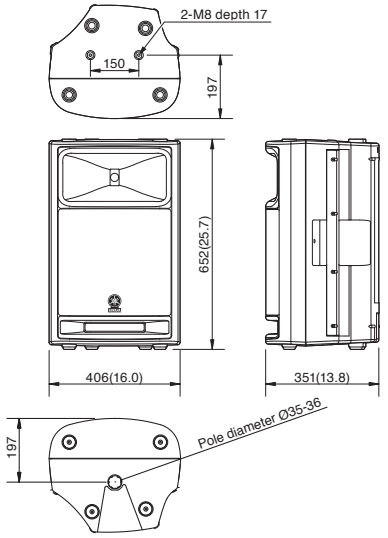
Model	MSR400	MSR250	MSR100	MSR800W
Type	Bi-amp 2-way, bass-reflex type powered speaker			Bass-reflex powered subwoofer
Frequency Range (-10dB)	50Hz - 20kHz		55Hz - 20Hz	40Hz - 120Hz
Nominal Coverage (Horizontal x Vertical)	90° x 40°			-
Maximum SPL (1m, on axis)	121dB SPL	116dB SPL	112dB SPL	122dB SPL
Components LF	12" cone	10" cone	8" cone	15" cone
HF	1.75" compression driver	1" compression driver	1" compression driver	-
Output Power	LF: 225W HF: 75W	200W	100W	500W Burst power: 800W
Input Sensitivity, Impedance	MIC/LINE: -36dBu/+4dBu, 10kΩ	INPUT 1(XLR): -60dBu(MIC)/-30dBu(Line), (PHONE): -50dBu(Mic)/-20dBu(Line), INPUT 2/3: -20BdBu	INPUT1: -50dB(Mic)/+4dB(Line), 10kΩ(Line), (with select SW), INPUT 2&3: -10dB,10kΩ(Line)	+4dBu, 30kΩ
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, 10kΩ), Input 2,3: Phone jack (-10dB, 10kΩ) LINK Output: Phone jack (-10dB,10kΩ,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.

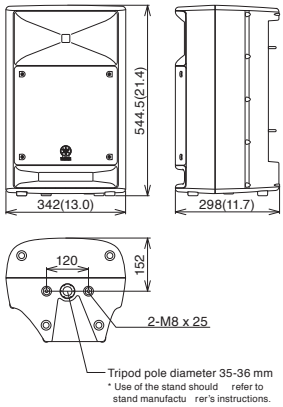
DIMENSIONS

unit : mm (inch)

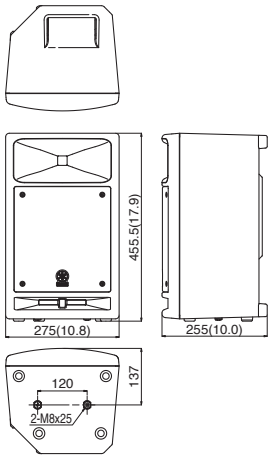
MSR400



MSR250



MSR100



MSR800W

