MSR Series



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

MSR400

- Bi-amplified 12-inch cone type woofer and 1.75-inch high-frequency horn driver deliver total output power of up to 400 watts (LF: 300 watts, HF: 100 watts burst; 300 watts continuous total).
- Three balanced input connectors: XLR-3-31, XLR-3-32, and phone.
- Input level range is 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

BCS251 Ceiling Bracket BWS251-400 Wall Bracket

BBS251 Baton Bracket

MSR250

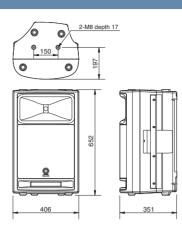
- New class D amplifier delivers 250 watts via a 10" cone woofer and 1" titanium-dome compression driver.
- Oversized 2.5" woofer voice coil with ferrofluid cooling for superior sonic performance and durability.
- Asymmetrical cabinet design plus acoustic insulation eliminates internal standing waves 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.
- The ideal expansion speaker for the STAGEPAS 250M compact sound system.

MSR400

GENERAL SPECIFICATIONS

Type Bi-amp 2-way, bass-reflex type powered speaker Crossover frequency 1.6kHz Frequency response 50Hz to 20kHz Max. SPL 121dB (1m) Dispersion 90(H) × 40(V) Dimensions (W x H x D) 405 x 652 x 351mm (16.0° x 25.7° x 13.8°) Weight 23.0kg (50.7lbs) Pole socket 35mm (1-3/8 inch) to 36mm SPEAKER SECTION Enclosure Bass-reflex type Components LF: 12° cone + HF: 1.75° driver AMIPLIFIER SECTION Output power LF: 225W @ 500Hz,THD = 1%, RL = 4Ω HF: 75W @ 5kHz,THD = 1%, RL = 16Ω Input sensitivity, impedance MIC/LINE: -36dB/+4dB, 10kΩ Connector (Input/Output) (all parallel) 1: XLR-3-31 balanced 2: XLR-3-32 balanced 3: PHONE balanced Control Level Control EQ.LOW (+/- 3dB at 55Hz) EQ.HIGH (+/- 3dB at 5Hz) EQ.HIGH (+/- 3dB at HF) Power Switch (0N/OFF) Indicator Power: Green LED Clipping: Red LED Power consumption 110W			
Frequency response 50Hz to 20kHz Max. SPL 121dB (1m) Dispersion 90(H) x 40(V) Dimensions (W x H x D) 406 x 652 x 351mm (16.0° x 25.7° x 13.8°) Weight 23.0kg (50.7lbs) Pole socket 35mm (1-3/8 inch) to 36mm SPEAKER SECTION Enclosure Bass-reflex type Components LF: 12° cone + HF: 1.75° driver AMPLIFIER SECTION Output power LF: 225W @ 500Hz,THD = 1%, RL = 4Ω HF: 75W @ 50Hz,THD = 1%, RL = 16Ω Input sensitivity, impedance MIC/LINE: -36dzH/4dB, 10kΩ Connector (Input/Output) (all parallel) 1: XLR-3-31 balanced 3: PHONE balanced 3: PHONE balanced 3: Control Evel Control E0.LOW (+/- 3dB at 55Hz) E0.HIGH (+/- 3dB at HF) Power: Green LED Clipping: Red LED Indicator Power: Green LED Clipping: Red LED Clipping: Red LED	Туре	Bi-amp 2-way, bass-reflex type powered speaker	
Max. SPL 121dB (1m) Dispersion 90(H) x 40(V) Dimensions (W x H x D) 406 x 652 x 351mm (16.0° x 25.7° x 13.8°) Weight 23.0kg (50.7lbs) Pole socket 35mm (1-3/8 inch) to 36mm SPEAKER SECTION Enclosure Bass-reflex type Components LF: 12° cone + HF: 1.75° driver AMPLIFIER SECTION Output power LF: 225W @ 500H2,THD = 1%, RL = 4Ω HF: 75W @ 50H2,THD = 1%, RL = 16Ω Input sensitivity, impedance MIC/LINE: 360B/44B, 10kΩ Connector (Input/Output) (all parallel) 1: XLR-3-31 balanced 2: XLR-3-32 balanced 3: PHONE balanced 3: PHONE balanced Control Level Control EQ.LOW (*/- 3dB at 55H2) EQ.HIGH (+/- 3dB at HF) Power: Green LED Clipping: Red LED	Crossover frequency	1.6kHz	
Dispersion 90(H) × 40(V) Dimensions (W × H × D) 406 × 652 × 351mm (16.0° × 25.7° × 13.8°) Weight 23.0kg (50.7lbs) Pole socket 35mm (1-3/8 inch) to 36mm SPEAKER SECTION Enclosure Bass-reflex type Components LF: 12° cone + HF: 1.75° driver AMPLIFIER SECTION Output power LF: 225W @ 500Hz,THD = 1%, RL = 4Ω HF: 75W @ 50Hz,THD = 1%, RL = 16Ω Input sensitivity, impedance M(C/LINE: -360E/4dB, 10kΩ Connector (Input/Output) (all parallel) 2: XLR-3-32 balanced 3: PHONE balanced Control EQ.HIGH (4r/- 3dB at 55Hz) EQ.HIGH (4r/- 3dB at HF) Power: Green LED Clipping: Red LED	Frequency response	50Hz to 20kHz	
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Max. SPL	121dB (1m)	
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Pole socket 35mm (1-3/8 inch) to 36mm SPEAKER SECTION Enclosure Bass-reflex type Components LF: 12° cone + HF: 1.75° driver AMPLIFIER SECTION Output power LF: 225W @ 500Hz,THD = 1%, RL = 4Ω HF: 75W @ 5kHz,THD = 1%, RL = 16Ω Input sensitivity, impedance MIC/LINE: -36dB/+4dB, 10kΩ Connector (Input/Output) (all parallel) 1: XLR-3-31 balanced 2: XLR-3-32 balanced 3: PHONE balanced Control Level Control EQ.LOW (+/- 3dB at 55Hz) EQ.HIGH (+/- 3dB at HF) Power Surf Green LED Clipping: Red LED	Dimensions (W x H x D)	406 x 652 x 351mm (16.0" x 25.7" x 13.8")	
SPEAKER SECTION Enclosure Bass-reflex type Components LF: 12" cone + HF: 1.75" driver AMPLIFIER SECTION Enclosure Output power LF: 225W @ 500HZ,THD = 1%, RL = 4Ω HF: 75W @ 5KHZ,THD = 1%, RL = 16Ω Input sensitivity, impedance MIC/LINE: -36dB/+4dB, 10kΩ Connector (Input/Output) (all parallel) 1: XLR-3-31 balanced 2: XLR-3-22 balanced 3: PHONE balanced Control Level Control EQ.LOW (+/- 3dB at 55Hz) EQ.HIGH (+/- 3dB at 75Hz) EQ.HIGH (+/- 3dB at HF) Power: Green LED Clipping: Red LED	Weight	23.0kg (50.7lbs)	
Enclosure Bass-reflex type Components LF: 12" cone + HF: 1.75" driver AMPLIFIER SECTION EF: 225W @ 500Hz,THD = 1%, RL = 4Ω HF: 75W @ 5kHz,THD = 1%, RL = 16Ω Input sensitivity, impedance MC/LINE: -366B/+4dB, 10kΩ Connector (Input/Output) (all parallel) 1: XLR-3-31 balanced 2: XLR-3-32 balanced 3: PHONE balanced 3: PHONE balanced Control Level Control EQ.LOW (+/- 3dB at 55Hz) EQ.HIGH (+/- 3dB at HF) Power Swire Green LED Clipping: Red LED	Pole socket	35mm (1-3/8 inch) to 36mm	
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AMPLIFIER SECTION Output power LF: 225W @ 500Hz,THD = 1%, RL = 4Ω HF: 75W @ 5kHz,THD = 1%, RL = 16Ω Input sensitivity, impedance MC/LINE: -36dB/+4dB, 10kΩ Connector (Input/Output) (all parallel) 1: XLR-3-31 balanced 2: XLR-3-32 balanced 3: PHONE balanced Control Level Control EQ.LOW (+/- 3dB at 55Hz) EQ.HIGH (+/- 3dB at HF) Power Switch (ON/OFF) Indicator Power: Green LED Clipping: Red LED	Enclosure	Bass-reflex type	
$\label{eq:constraint} \begin{array}{ c c c c } \hline \textbf{Output power} & LF: 225W @ 500Hz,THD = 1%, RL = 4\Omega \\ HF: 75W @ 5kHz,THD = 1%, RL = 16\Omega \\ \hline \textbf{Input sensitivity, impedance} & MIC/LINE: -36dB/+4dB, 10k\Omega \\ \hline \textbf{Connector (Input/Output)} & 1: XLR-3-31 balanced \\ (all parallel) & 2: XLR-3-32 balanced \\ 3: PHONE balanced \\ \hline \textbf{Control} & Level Control \\ EQ.LOW (+/- 3dB at 55Hz) \\ EQ.HIGH (+/- 3dB at 4F) \\ Power: Green LED \\ Clipping: Red LED \\ \hline \textbf{Clipping: Red LED} \end{array}$	Components	LF: 12" cone + HF: 1.75" driver	
HF: 75W @ 5kHz,THD = 1%, RL = 16Ω Input sensitivity, impedance MIC/LINE: -36dB/+4dB, 10kΩ Connector (Input/Output) (all parallel) 1: XLR-3-31 balanced 2: XLR-3-32 balanced 3: PHONE balanced Control Level Control EQ.LOW (+/ 3dB at 55Hz) EQ.HIGH (+/-3dB at 55Hz) EQ.HIGH (+/-3dB at HF) Power: Green LED Clipping: Red LED	AMPLIFIER SECTION		
Connector (Input/Output) (all parallel) 1: XLR-3-31 balanced 2: XLR-3-32 balanced 3: PHONE balanced Control Level Control EQ. HOW (+/- 3dB at 55Hz) EQ. HOW (+/- 3dB at HF) Power: Green LED Power: Green LED Clipping: Red LED Clipping: Red LED	Output power	LE: 225W @ 500Hz THD = 1% BL = 40	
(all parallel) 2: XLR-3-32 balanced 3: PHONE balanced Control EQLOW (+/- 3dB at 55Hz) EQ.HIGH (+/- 3dB at 5FHz) EQ.HIGH (+/- 3dB at HF) Power: Green LED Clipping: Red LED			
EQ.LOW (+/- 3dB at 55Hz) EQ.HIGH (+/- 3dB at 55Hz) Power Switch (ON/OFF) Indicator Power: Green LED Clipping: Red LED	Input sensitivity, impedance	HF: 75W @ 5kHz,THD = 1%, RL = 16Ω	
Clipping: Red LED	Connector (Input/Output)	HF: 75W @ 5kHz,THD = 1%, RL = 16Ω MIC/LINE: -36dB/+4dB, 10kΩ 1: XLR-3-31 balanced 2: XLR-3-32 balanced	
Power consumption 110W	Connector (Input/Output) (all parallel)	HF: 75W @ 5kHz,THD = 1%, RL = 16Ω MIC/LINE: -36dB/+44B, 10kΩ 1: XLR-3-31 balanced 2: XLR-3-32 balanced 3: PHONE balanced Level Control EQ.LOW (+/- 3dB at 55Hz) EQ.HIGH (+/- 3dB at HF)	
	Connector (Input/Output) (all parallel) Control	HF: 75W @ 5kHz,THD = 1%, RL = 16Ω MIC/LINE: -36dB/+4dB, 10kΩ 1: XLR-3-31 balanced 2: XLR-3-32 balanced 3: PH0NE balanced Level Control EQ.LOW (+/- 3dB at 55Hz) EQ.HIGH (+/- 3dB at HF) Power Switch (0N/0FF) Power: Green LED	

DIMENSIONS

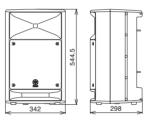


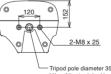
MSR250

GENERAL SPECIFICATIONS

Туре	2-way powered speaker
Frequency response	-10dB: 50Hz to 20kHz
Nominal coverage	H: 90° V: 40°
Components	LF: 10" cone HF: 1" voice coil compression driver
Output power	200W
Maximum output level (1m; on axis)	116dB SPL
Processors	Equalizer (LOW: +/13dB at 60Hz, HIGH: +/-6dB at 10kHz)
Line input and output connectors	INPUT 1: XLR-3-31 type/Phone jack(Balanced) INPUT 2/3: Phone jack/RCA pin(Unbalanced), LINK OUT: Phone jack
Power requirements	100V, 110V, 120V, 220V, 230V or 240V; 50/60Hz
Power consumption	40W
Dimensions (W x H x D)	342 x 544.5 x 298mm (13" x 21-1/2" x 11-3/4")
Weight	14.1kg (31-1/8lbs)
Flying and mounting hardware	2x M8-25
Pole socket	35mm (1-3/8 inch) to 36mm
Accessories	Owner's manual, AC cord

DIMENSIONS





unit : mm

unit : mm

Tripod pole diameter 35-36 mm
"Use of the stand should refer to
stand manufactu rer's instructions.