

RSX208L Specifications



3-WAY SELF-POWERED LOUDSPEAKER 120° × 12°

Configuration

Subsystem	Transducer	Loading
LF	1 x 8 in cone, 2 in voice coil	Vented
LF/MF	1 x 8 in cone, 2 in voice coil	Vented
HF	2 x 1 in exit, 1.4 in voice coil compression drivers	Horn-loaded

Operating Mode	Amplifier Channels	Signal Processing
Tri-amp	LF, LF/MF, HF	DSP w/EAW Focusing™ and DynO™

Acoustical Performance

Operating Range	65 Hz to 18 kHz	
Nominal Beamwidth	Horizontal 120°	Vertical 12°

Calculated Axial Output Limit (whole space SPL)

	Average	Peak
LF/MF/HF	125 dB	131 dB

Electrical Performance

Input	Type	Electronically balanced
Max Input Level		21dBu
Impedance		20 kOhm (balanced)
Wiring		XLRF, Pin 1 chassis, pin 2 +, pin 3 -
		Separate loop-thru XLRM (for analog signal only)

Input Selection	Analog, Dante
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Amplifiers & Processing	LF/MF/HF
Type	Modified Class D
Maximum Output	3x 500W
Driver Protection	Integral DSP limiting

AC Mains (nominal)	Connector	Neutrik PowerCon®
	Input	100 V to 240 V
	Frequency	50 Hz to 60 Hz
Power Consumption	Idle	50 W
	Peak Draw	800 W

Controls/Communication	Connections	2x Neutrik® etherCON™, RJ-45
	Protocols	Ethernet/Dante
	Software	EAWmosaic™ (available on the App Store)
	Indicators	LCD Screen on amplifier panel for UI, Logo LED (User-definable behavior)
User Controls		Push-button Rotary Encoder

Weight	40.5 lbs/18.4 kg
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Dimensions	9.8x27x13 in / 249x683x332 mm
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Ordering Data	Description	Part Number
	EAW RSX208L BLACK	2047570-90
Optional Accessories	EAW FBX100 FLYBAR BLACK	2047169-00
	EAW ACC WEATHER SHIELD HORZ BLK	2047681
	EAW SBX100 STAND MOUNT BLACK	2047369

Features

- OptiLogic™ provides array self-detection via onboard infrared sensors and accelerometers for near-instant optimization that cuts down on setup and tuning time.
- Extremely approachable EAWmosaic™ iOS app delivers system prediction, control and monitoring from any location in the venue.
- Proven EAW acoustical design and DSP including Focusing™ and DynO™ provides a pristine impulse response at all output levels.
- Integrated Dante™ networking (with loop-thru) on all models including Analog redundancy capability.

Applications

- House of Worship
- Theatres, Auditoria and Performing Arts Centers
- Live Music Clubs
- Corporate AV Houses
- Live Production/Regional Rental Houses
- Dry Hire

Description

Designed to streamline setup and deliver maximum results in minimum time, RADIUS couples unique and intelligent features with EAW's signature acoustical design to deliver solutions for rental firms and system integrators. The RADIUS articulated array features OptiLogic, providing automatic array self-detection and instant optimization including air loss compensation and more. EAWmosaic™ app provides total system optimization from anywhere in the venue, plus intuitive room design and prediction in a single, comprehensive application. With the proven sonic performance of EAW's acoustic design and DSP mastery plus full Dante integration across the line, RADIUS delivers an intelligent and flexible system to fit any budget.