

RSX12 Specifications



Features

- Compact, flyable design ideal for installs with floor space constraints or specific aesthetic demands.
- 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 RSX12 12" subwoofer is flyable and ultra-compact, ideal for installs or other applications with minimal floor space for subwoofers. The RSX12 features onboard electronics (1000W per channel) and ultra-wide ports that drastically reduce low-frequency turbulence. 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.

12 INCH SELF-POWERED SUBWOOFER

Configuration

Subsystem	Transducer	Loading
LF	1 x 12 in cone, 3 in voice coil	Vented
Operating Mode	Amplifier Channels	Signal Processing
Single-amp	LF	DSP w/ DynO™

Performance

Operating Range	40 Hz to 300 Hz	
Nominal Beamwidth	Horizontal 360°	Vertical 360°
Calculated Axial Output Limit	Average	Peak
(whole space)	118 dB	124 dB
(half space)	124 dB	130 dB

Electrical Performance

Input	Type	Electronically balanced
	Max Input Level	21 dBu
	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	
	Type	Modified Class D
	Maximum Output	1000W
	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	1000 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	76.0 lbs/34.5 kg
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Dimensions	17x25x19 in / 437x640x485 mm
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Ordering Data	Description	Part Number
	EAW RSX12 BLACK	2047584-90
	Optional Accessories	
	EAW FBX100 FLYBAR BLACK	2047169-00
	EAW ACC WEATHER SHIELD HORZ BLK	2047681
	EAW M10X37mm FORGED SHOULDER EYEBOLT KIT	0028272