



RSX212L



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.

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 Dyn0™ 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

2-WAY SELF-POWERED LOUDSPEAKER 90° × 12°

Configuration

Subsystem

Transducer: LF – 2 x 12 in cone, 2.5 in voice coil; HF – 2 x 1 in exit, 1.7 in voice coil compression drivers.

Loading: LF – Vented; HF – Horn-loaded

Operating Mode

Amplifier Channels: Bi-amp LF, HF

External Signal Processing: DSP w/EAW Focusing™ and Dyn0™

Acoustical Performance

Operating Range

50 Hz to 19 kHz

Nominal Beamwidth

Horizontal 90°

Vertical 12°

Calculated Axial Output Limit (whole space SPL)

Peak: 142 dB LF,MF, HF

Electrical Performance

Input Type

Electronically balanced

Max Input Level

21dBu

Impedance

20 kOhm (balanced)

Input Wiring

XLRF, Pin 1 chassis, pin 2 +, pin 3 – separate loop-thru XLRM (for analog signal only)

Input Selection

Analog, Dante

Amplifiers & Processing (LF/HF) Type

Modified Class D

Maximum Output

LF:1000W / HF: 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 – 26W

Peak Draw

250W

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

Weights (pounds/kilograms)

Net: 82lbs/37kg

Dimensions

14x32x20.38in / 355.6x812.8x517.7mm