



RSX18F



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 RSX18F 18" subwoofer is flyable and ultra-compact, ideal for installs or other applications with minimal floor space for subwoofers. The RSX18F features onboard electronics 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.

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 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

18 INCH SELF-POWERED SUBWOOFER

Configuration

Subsystem

Transducer: 1 x 18 in cone, 3 in voice coil.
Loading: LF – Vented

Operating Mode

Amplifier Channels: Single-amp LF
Signal Processing: DSP w/ Dyn0™

Acoustical Performance

Operating Range

27 Hz to 125 Hz

Nominal Beamwidth

Horizontal 360°
Vertical 360°

Calculated Axial Output Limit (whole space SPL)

Peak: 129 dB (whole space), 135 dB (half space)

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

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 – 50W

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

Weights (pounds/kilograms)

Net: 106lbs/48kg

Dimensions

20.52x32x27.23in / 521.2x812.8x691.6mm