

RSX18 Specifications



Features

- Push-button cardioid operation provides directivity to lower excess low-frequency energy on stage.
- 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 powerful RSX18 18" subwoofer is ideal for production applications, offering push-button cardioid operation for added sonic control. The RSX18 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.

18 INCH SELF-POWERED SUBWOOFER

Configuration

Subsystem	Transducer	Loading
LF	1 x 18 in cone, 3 in voice coil	Vented
Operating Mode	Amplifier Channels	Signal Processing
Single-amp	LF	DSP w/ DynO™

Performance

Operating Range	30 Hz to 140 Hz	
Nominal Beamwidth	Horizontal 360°	Vertical 360°
Calculated Axial Output Limit (whole space SPL)	Average	Peak
(whole space)	120 dB	126 dB
(half space)	126 dB	132 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	1400 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	93.6 lbs/42.5 kg
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Dimensions	20.25x36x31 in / 514x919x790 mm
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Ordering Data	Description	Part Number
	EAW RSX18 BLACK	2047597-90
	Optional Accessories	
	EAW ACC WEATHER SHIELD HOR BLK	2047681
	EAW CASTER PALLET RSX18	2046839
	EAW M10X37mm FORGED SHOULDER EYEBOLT KIT	0028272

