

RS Subwoofer Series

Self-Powered Subwoofers RS115 & RS118

- ▶ 1500 watts of Class-D Amplification
- ▶ Premium transducers and signature EAW DynO™ dynamic optimization processing
- ▶ Dual tunings for application specific performance
- ▶ Ergonomic handles, rugged grille, RoadCoat enclosure, pole cup, and optional casters

OVERVIEW

The RS Subwoofer Series of low frequency enclosures deliver EAW signature performance in a portable and lightweight package. Each RS Subwoofer in the series is first designed around the latest powerful transducers with enhanced motor strength that optimize system weight and low frequency output. Both models include on-board 1500 watt amplified electronics that are engineered to meet the demanding performance needs of professionals.

The RS Subwoofer Series features meticulously tuned vented enclosures, as well as EAW signature DynO™ algorithms to optimize the power transfer from amplifiers to transducers for improved headroom and integrity of sound at maximum output.

EAW Resolution™ software platform is a powerful and easy-to-use simulation tool that accurately predicts the performance of one or multiple RS Series Subwoofers within a venue or performance space.



COMPANION PRODUCTS

RS Series Loudspeakers

- ▶ 1500 watts of Class-D Amplification
- ▶ Leading-edge touring grade transducers
- ▶ EAW Focusing™ for unmatched clarity & accuracy
- ▶ Rotatable MK inspired horn for EAW signature pattern control
- ▶ Lightweight & durable wooden enclosure with M10 threaded suspension points



ACCESSORIES

- ▶ Caster Kit
- ▶ Soft Cover
- ▶ M20 Positive Threaded Pole



RS Subwoofer Series

TECHNICAL SPECIFICATIONS

SELF-POWERED SUBWOOFERS

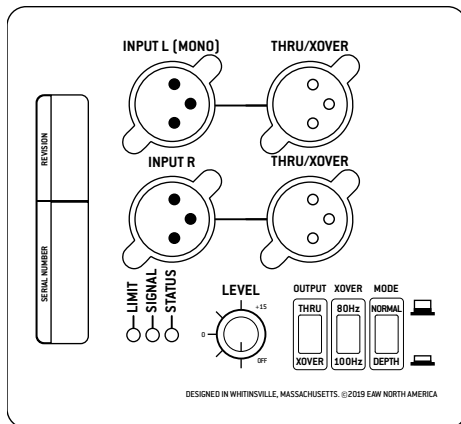
PERFORMANCE	RS115		RS118	
Max SPL ¹	132dB (peak, half space)		133dB (peak, half space)	
Operating Range ²	40Hz - 125 Hz		27 Hz - 125 Hz	
Nominal Beamwidth ³	360° Horizontal x 360° Vertical			
CONFIGURATION	RS115		RS118	
Subsystem LF Transducer, Loading	15in Cone, 3 in Voice Coil, Vented		18in Cone, 3 in Voice Coil, Vented	
Operating Modes	Normal/Depth		Normal/Punch	
Signal Processing	DSP with DynO™			
Crossover	80 Hz or 110 Hz			
ELECTRICAL	RS115		RS118	
Input & Loop Type	Electronically Balanced XLR (stereo)			
Amplifier	Type Class D Max Output LF (Peak) 1500W			
AC Mains (nominal)	Connector IEC Connector Input 115V Model 100-120V, 50-60Hz or 230V Model 200-240V, 50-60Hz			
CURRENT DRAW	RS115		RS118	
Idle	50W			
1/8th Power	75W			
1/3rd Power	200W			
Full Power	600W			
PHYSICAL	RS115		RS118	
Physical/Rigging	Vibration Isolation Feet			
Dimensions (HxWxD)	17.7 x 24.8 x 23.6in (450 x 630 x 599mm)		20.5 x 30.0 x 26.8in (521 x 762 x 681mm)	
Net Weight	70lb (32kg)		88lb (40kg)	
Shipping Weight	80lb (36kg)		98lb (45kg)	
ORDERING DATA	RS115		RS118	
Voltages	115V	230V	115V	230V
Part Numbers (black)	2070487-90	2070488-90	2070489-90	2070490-90
M20 Positive Threaded Pole	2047634	2047634	2047634	2047634
Cover	2070542	2070542	2070543	2070543
Caster Kit	2070738	2070738	2070738	2070738

1 Calculated max SPL at 1m with 4:1 (12dB) crest factor pink noise. Specified as whole space (free field) for full range loudspeakers, half space for subwoofers.

2 Operating Range: Range where the processed Frequency Response stays within -10 dB SPL of the power averaged SPL within this range; measured on the geometric axis. Narrow band dips are excepted.

3 Nominal Beamwidth: Design angle for the -6 dB SPL points, referenced to 0 dB SPL as the highest level.

RS115 INPUT PANEL



RS118 INPUT PANEL

