

# 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

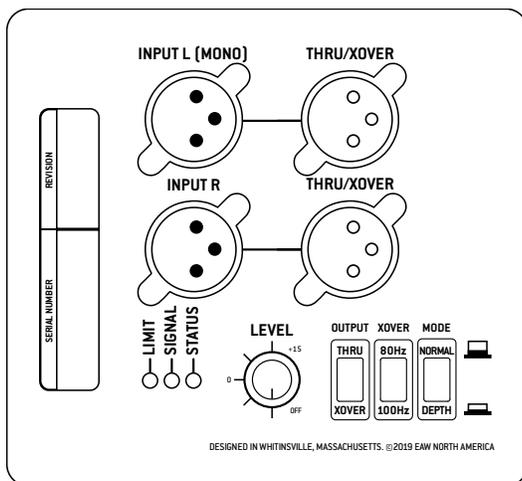
PERFORMANCE	RS115		RS118	
<b>Max SPL<sup>1</sup></b>	132dB (peak, half space)		133dB (peak, half space)	
<b>Operating Range<sup>2</sup></b>	40Hz - 125 Hz		27 Hz - 125 Hz	
<b>Nominal Beamwidth<sup>3</sup></b>	360° Horizontal x 360° Vertical			
CONFIGURATION	RS115		RS118	
<b>Subsystem</b> LF Transducer, Loading	15in Cone, 3 in Voice Coil, Vented		18in Cone, 3 in Voice Coil, Vented	
<b>Operating Modes</b>	Normal/Depth		Normal/Punch	
<b>Signal Processing</b>	DSP with DynO™			
<b>Crossover</b>	80 Hz or 110 Hz			
ELECTRICAL	RS115		RS118	
<b>Input &amp; Loop Type</b>	Electronically Balanced XLR (stereo)			
<b>Amplifier</b>	<i>Type</i> Class D <i>Max Output LF (Peak)</i> 1500W			
<b>AC Mains (nominal)</b>	<i>Connector</i> IEC Connector <i>Input 115V Model</i> 100-120V, 50-60Hz or <i>230V Model</i> 200-240V, 50-60Hz			
PHYSICAL	RS115		RS118	
<b>Physical/Rigging</b>	Vibration Isolation Feet			
<b>Dimensions (HxWxD)</b>	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)	
<b>Net Weight</b>	70lb (32kg)		88lb (40kg)	
<b>Shipping Weight</b>	80lb (36kg)		98lb (45kg)	
ORDERING DATA	RS115		RS118	
<b>Voltages</b>	<b>115V</b>	<b>230V</b>	<b>115V</b>	<b>230V</b>
<b>Part Numbers (black)</b>	2070487-90	2070488-90	2070489-90	2070490-90
<b>M20 Positive Threaded Pole</b>	2047634	2047634	2047634	2047634
<b>Cover</b>	2070542	2070542	2070543	2070543
<b>Caster Kit</b>	0032377-90	0032377-90	0032377-90	0032377-90

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.

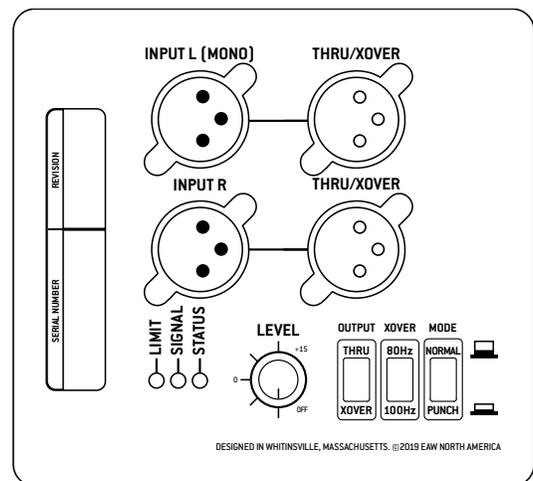
2 Operating Range: Range where the processed Frequency Response stays within -10 dB SPL of the power averaged SPL within this range; measured on the geometric axis. Narrow band dips are excepted.

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



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