

# RS Subwoofer Series

## Self-Powered Subwoofers RS115 & RS118HP

- ▶ Premium transducers and signature EAW DynO™ dynamic optimization processing
- ▶ 1500 or 2500 watts of Class-D Power Factor Corrected amplification
- ▶ Cardioid pattern can be generated quickly with a button press
- ▶ Ergonomic handles, rugged grille, RoadCoat enclosure, pole cup, and optional casters



RS118HP



RS115

### OVERVIEW

The RS Series low frequency enclosures deliver EAW signature performance in a portable and lightweight package. Each enclosure in the series is first designed around the latest powerful transducers with enhanced motor strength that optimizes system weight and low frequency output. The RS Series low frequency enclosures include on-board 1500 watt (RS115) and 2500 watt (RS118HP) amplified electronics engineered to meet the demanding performance needs of professionals.

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

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

### EAW TECHNOLOGY



**DynO™** Dynamic Optimization actively tracks input spectrum and power delivery, continually maximizing output and fidelity at any drive level.

### APPLICATIONS

- ▶ Concerts
- ▶ Corporate AV
- ▶ Live Clubs
- ▶ Concert Halls
- ▶ Theaters
- ▶ Auditoriums
- ▶ Houses of Worship
- ▶ Festivals

### ACCESSORIES

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

# RS Subwoofer Series

## TECHNICAL SPECIFICATIONS SELF-POWERED SUBWOOFERS



PERFORMANCE	RS115	RS118HP
<b>Max SPL</b>	132dB (peak, half space)	135dB (peak, half space)
<b>Operating Range</b>	40Hz - 125 Hz	27 Hz - 125 Hz
<b>Nominal Beamwidth</b>		
	Horz 360°	
	Vert 360°	
CONFIGURATION	RS115	RS118HP
<b>Subsystem</b>	<b>Transducer</b>	<b>Loading</b>
LF Transducer, Loading	15in Cone, 3 in Voice Coil, Vented	18in Cone, 3 in Voice Coil, Vented
<b>Operating Mode</b>	VLF	
<b>External Signal Processing</b>	DSP with DynO™	
<b>Modes</b>	80 Hz / 110 Hz / Polarity	
ELECTRICAL	RS115	RS118HP
<b>Input Type</b>	Electronically Balanced XLR (stereo)	
<b>Loop Type</b>	Electronically Balanced XLR (stereo)	
<b>Amplifier</b>		
<b>Type</b>	Class D	
<b>Max Output LF / HF (Peak)</b>	1500W	2500W
<b>AC Mains (nominal)</b>		
<b>Connector</b>	IEC Connector	Neutrik PowerCON®
<b>Input</b>	100-120V or 200-240V, 50-60Hz	
PHYSICAL	RS115	RS118HP
<b>Physical/Rigging</b>	Vibration Isolation Feet	
<b>Dimensions (H×W×D)</b>	17.7" x 24.8" x 23.6" (450mm x 630mm x 599mm)	20.5" x 30.0" x 26.8" (521mm x 762mm x 681mm)
<b>Net Weight*</b>	63lb (28kg)	99lb (45kg)
<b>Shipping Weight*</b>	73lb (33kg)	109lb (50kg)

\*Preliminary

## COMPANION PRODUCTS



### RS SERIES LOUDSPEAKERS

- ▶ Leading-edge touring grade transducers
- ▶ EAW Focusing for unmatched clarity and accuracy
- ▶ Rotatable MK inspired horn for EAW signature pattern control
- ▶ Lightweight and durable wooden enclosure with M10 threaded suspension points



### LA SERIES LOUDSPEAKERS

- ▶ Leading-edge touring grade transducers
- ▶ Lightweight and durable resonant free enclosure
- ▶ EAW Focusing for unmatched clarity and accuracy
- ▶ Consistent sonic signature even outside of its pattern



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