

Key Features:

- » 37Hz LF Limit, High Power Handling, High Efficiency
- » Low Distortion, Low Thermal Compression
- » Laminar Vents
- » Integrated Locking Feet
- » Designed with Cardioid Sub Arrays in mind

Applications:

- » Educational Facilities
- » Houses of Worship
- » Theme Parks
- » Live Music Venues
- » Performing Arts Centers

The SB115i is a high efficiency, high impact sub-bass loudspeaker with exceptionally high power handling. The SB115i is one of the recommended subwoofers for use with the C coaxial series and is also well suited for use with the VC system family, and LA series from RMS-Acoustics.

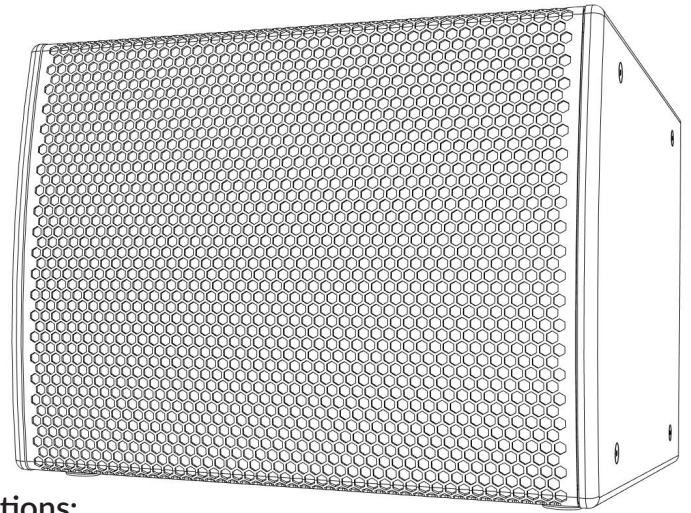
The SB115i subwoofer provides high impact, high sensitivity, low thermal compression and incredibly low distortion, even at the highest drive levels. These combined properties deliver the sonic qualities of precision and musicality.

The SB115i can be deployed in standard or cardioid configurations, with dedicated presets for each configuration, in flown, or stacked configurations.

The SB115i enclosure was designed with installation in mind. It features 16 integrated fly points that allow for mounting to ceilings and the creation of traditional and cardioid flown arrays. The compact profile allows the SB115i to fit easily under stages, up tight to ceilings, and between standard framing for flush mount installations.

The cabinet is made of premium exterior grade Baltic birch plywood to ensure maximum acoustical and mechanical integrity. The SB115i features laminar vents that significantly reduce turbulence and port noise at high drive levels.

The optimum processed loudspeaker solution for the RMS-Acoustics SB subwoofer family are the RMS series of processed amplifiers, also the Linea Research C and M series amplifiers, with proprietary presets provided by RMS-Acoustics.



System Specifications:

SYSTEM:		
Frequency Range (-10dB) ^1	37 Hz - 400 Hz	
Frequency Response (+/-3dB)	40 Hz - 90 Hz	
System Sensitivity (1w, 1m)^2	97dB	Measured on LF band, average SPL over 100 to 1 kHz region. HF Sensitivity significantly higher
Maximum SPL Continuous (1m)	129dB	
Maximum SPL Peak (1m)	135dB	
Long Term Power Rating (IEC)^3	LF	1100W, 2200W, 4400W (Continuous, Program, Peak)
Long Term Power Rating (AES)^4	LF	1600W (3200W Peak), 2 hrs, 800W 100Hr
Maximum Input Voltage	LF	110 V RMS (2 hrs), 155 V Peak
Nominal Coverage Pattern		Omni directional, variable directivity with cardioid presets and custom modification
System Crossover		Proprietary DSP via RMS-ACOUSTICS and Linea Research processing platform
Transducer Specifications	SPKR-15-0007	LF Driver - 15" low frequency cone loudspeaker with 4" voice coil, shorting ring and high performance convective cooling technology
Impedance	LF	8 Ohm
PHYSICAL:		
Input Connectors		Dual Neutrik NL4MP Connectors, Option sealed gland nut w wire loom in X1 config
Enclosure Materials		15 and 18mm Birch Hardwood Ply 1.3mm layers
Grille Materials		Cold Rolled Steel, Epoxy powder coat, Acoustically transparent black foam backing
Finishes		Black finish (Standard) Polurethane textured spray Additional Finishes available - See Options Below
Suspension and Mounting		Proprietary internal, captive rigging
Flown Array Maximum		Custom Cardioid Array configurations possible, contact sales to inquire regarding design
Rigging Hardware		3/8-16 Internal Flyware Standard, optional M10 Optional vertical side mounting dependent on array configuration, call for quote
Dimensions		22.52" w x 24.33" d x 17.18" h (572 mm x 618 mm x 437 mm)
Weight		82 Lbs (37.3 kg) Net Shipping weight 90 Lb 41 kg
Finish Options		-X (Weatherized), -W (White), -C (Custom Color) Upcharge applies
Optional Accessories		

Free field, semi anechoic conditions. To compare with half space measurements, add 6dB to maximum output specifications.

1. Full Space, 4pi conditions

2. Measured Maximum SPL, based on power compression observation of 3dB

3. IEC Shaped pink noise with 6dB Crest Factor

4. AES Standard AES2-2012, one decade pink noise with 6dB Crest factor within device's applicable operating band, free air. Standard AES 2 hr rating are specific for low frequency transducers.