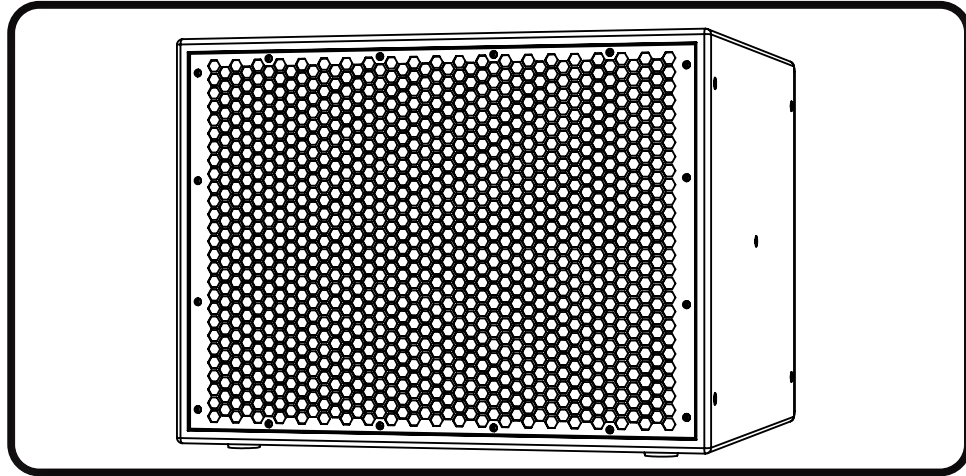


Key Features:

- » 40Hz 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



System Specifications:

SYSTEM:		
Frequency Range (-10dB) ^1	40 Hz - 2 kHz	
Frequency Response (+/-3dB)	50 Hz - 200 kHz	
System Sensitivity (1w, 1m)^2	97dB	Measured on LF band, average SPL over 300 to 1 kHz region. HF Sensitivity significantly higher
Maximum SPL Continuous (1m)	124dB	
Maximum SPL Peak (1m)	130dB	
Long Term Power Rating (IEC)^3	LF	800W, 1600W, 3200W (Continuous, Program, Peak)
Long Term Power Rating (AES)^4	LF	800W (3200W Peak), 2 hrs, 400W 100Hr
Maximum Input Voltage	LF	80 V RMS (2 hrs), 140V Peak
Nominal Coverage Pattern	Omni directional, variable directivity with cardioid presets and custom modification	
System Crossover	Proprietary DSP via Linea Research processing platform	
Transducer Specifications	SPKR-15-0006	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	
Enclosure Materials	12 and 15mm 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	10x VC10-15i or VC15-30i. Number decreases by formula with VC115Si inclusion at top of array. Maximum Array weight 1300 Lb (590 kg)	
Rigging Hardware	VCRF1	Required Large Format Rigging Frame
	VCRF-EX	VCRF1 Extension arm, facilitates high uptilt, downtilt, wide spaced rigging points
Dimensions	24.4" w x 23" d x 18.06" h (620 mm x 584 mm x 459 mm)	
Weight	70 Lbs (31.8 kg) Net	
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.

The VC115Si is a compact, high output subwoofer designed to extend the low frequency bandwidth of the variable curvature (VC) family of products. The VC115Si is the recommended subwoofer for the VC system and well suited for use with the C coaxial series from RMS-Acoustics. Combinations of VC10 curvilinear source modules can be flown or stacked with VC115Si subwoofers via the integrated rigging plates. The VC115Si can be deployed in standard or cardioid configurations, with dedicated presets for each configuration, in flown, or stacked configurations.

VC115Si features one high excursion, direct radiating 15" transducer mounted in a bass-reflex tuned enclosure. It operates from 40 Hz to 100 Hz when associated with VC10 and from 37 Hz to 70 Hz when used as a general ground support subwoofer. The cabinet is made of premium exterior grade Baltic birch plywood to ensure maximum acoustical and mechanical integrity. The VC115Si features laminar vents that significantly reduce turbulence and port noise at high drive levels.

The VC115Si 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 optimum processed loudspeaker solution for the RMS-Acoustics is the Linea Research 44M06 series and 44C06 series amplifiers, with propriety presets provided by RMS-Acoustics. All other Linea Research M series and C series amplifiers can also be used.