



VRS18

18-Inch Subwoofer

VRS18: 18-INCH SUBWOOFER

The VRS18 is engineered to provide high output, authoritative bass response wherever maximum LF impact is required. The VRS18 is the same height as the VR21 and VR51: optional array brackets make it easy to build attractive flown arrays with these VR Series full range loudspeakers.

The cross-ply laminated birch enclosure is available in either black or white finish. It includes a number of threaded inserts for use with forged shoulder eyebolts. A foam-backed powder-coated steel grill protects the driver. The entire loudspeaker is fully tested at the time of manufacture and is warranted to be free from defects in materials and workmanship for a period of five years from the date of purchase.

FEATURES

- .. Companion subwoofer for all full range VR Series loudspeakers
- .. 18 inch woofers in rigid, vented enclosure
- .. Same height as VR21 and VR51 full range loudspeakers
- .. Optional array brackets for attractive flown arrays with VR21 and VR51 full range loudspeakers



APPLICATIONS

- .. Houses of Worship
- .. Nightclubs
- .. Audiovisual Presentation
- .. Retail Environments
- .. Distributed Systems
- .. Theaters
- .. Theme Parks

SPECIFICATIONS

PRODUCT DATA

Model Name	VRS18
Part Number	Black: 0010167 White: 0011353
File creation date	8/03/2004

SPECIFICATION SHEET TABULAR DATA:

Descriptive Data			
Ways	Type	Mode	
N/A	Subwoofer	Single Amp	

CONFIGURATION

Subsystem Transducer	Loading
Sub Bass	1x18 in cone — Vented

PERFORMANCE

Operating Range*	31 Hz to 145 Hz	
Axial Sensitivity (whole space SPL)		
93 dB	31 Hz to 145 Hz	
Peak Sensitivity (whole space SPL)		
98 dB	20 Hz to 20 kHz	
Input Impedance (ohms)	Nominal	Minimum
	8	9.1 @ 110 Hz
Recommended High-Pass Filter		
High Pass	=> 25 Hz, 24 dB/octave Butterworth	
Power Handling (preliminary)		
500 W	64 V @ 8 ohms	
Calculated Maximum SPL (preliminary)		
	Average	Peak
	120 dB	126 dB

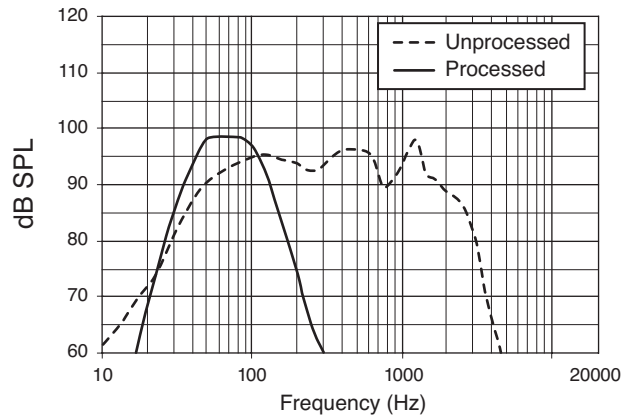
* With 100 Hz / 24 dB / octave Butterworth low pass filter. Highest recommended low pass = 150 Hz



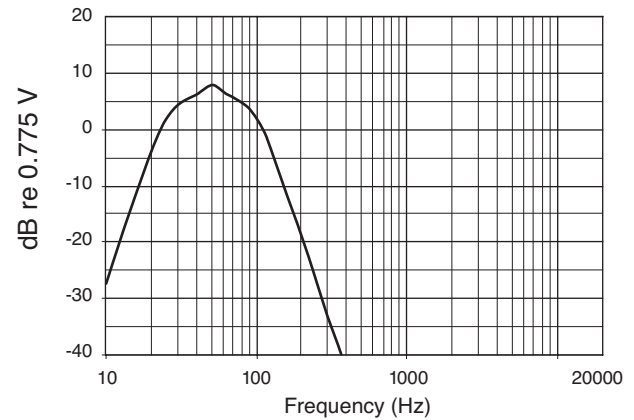
VRS18

18-Inch Subwoofer

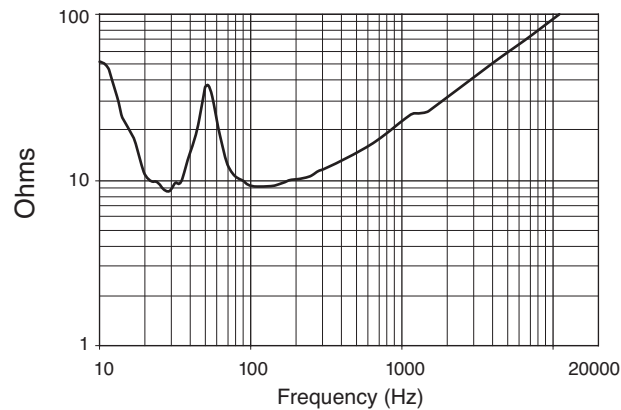
VRS18 FREQUENCY RESPONSE ON-AXIS



VRS18 Processor Frequency Response



VRS18 IMPEDANCE VS. FREQUENCY



VRS18 DIMENSIONS

