



# VR62

## COMPACT TWO-WAY LOUDSPEAKER

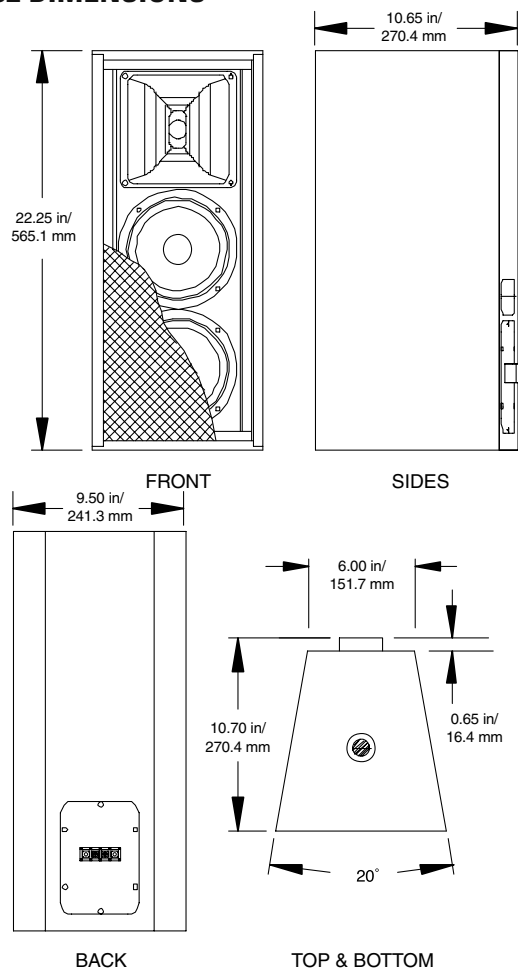
### DESCRIPTION

The VR62 is engineered for superior sound and unobtrusive installation. Purpose-designed, dual 6-inch LF drivers enable the compact VR62 to match the output of competitive dual- 8-inch 2-way speakers. The rotatable horn makes beamwidth orientation independent of mounting direction, allowing the VR62 to be installed under balconies or on stage lips as easily as it can be mounted on walls or suspended from ceilings, using the included mounting bracket.

The cross-ply laminated birch enclosure is available in either black or white finish. 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.



### VR62 DIMENSIONS



### Features

- High output 6 inch LF, 1 inch exit HF
- Rotatable horn with 60° x 90° (nominal) HF beamwidth
- Mounting bracket included
- Optional 70 V / 100 V multi-tap transformer (AC-TX 64)
- Integral passive crossover network allows economical single-amplifier powering

### Applications

- Under Balcony Fill
- Retail Environments
- Distributed Systems
- Theme Parks
- Stage Lip Fill
- Audiovisual Presentation
- Houses of Worship



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### SPECIFICATIONS

#### PRODUCT DATA

Model Name	VR62
Part Number	Black: 0010499 White: 0011350
File creation date	7/29/2004

#### SPECIFICATION SHEET TABULAR DATA

Descriptive Data		
Ways	Type	Mode
2-way	Full-Range	Single Amp

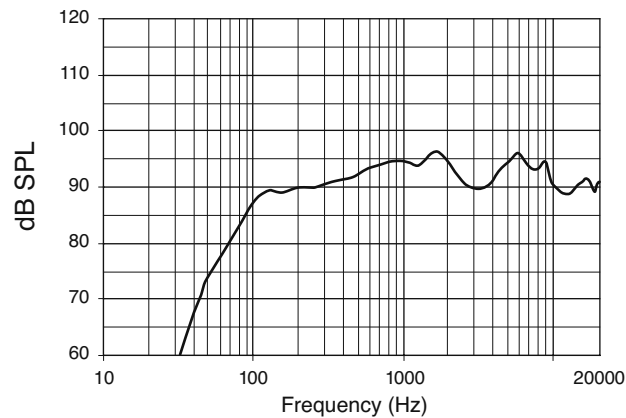
#### CONFIGURATION

Subsystem	Transducer	Loading
	LF	2x6 in cone — Sealed
	HF	1x1 in exit compression driver — Horn-loaded

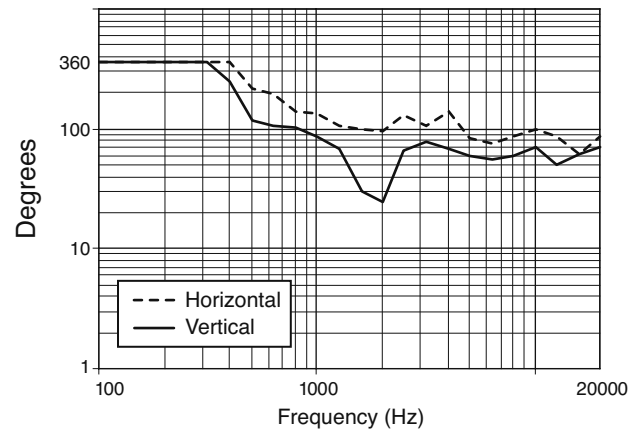
#### PERFORMANCE

Operating Range	80 Hz to 20000 Hz	
Nominal Beamwidth (rotatable)	Horizontal	90°
	Vertical	60°
Axial Sensitivity (whole space SPL)	92 dB 80 Hz to 20000 Hz	
Peak Sensitivity (whole space SPL)	96 dB 20 Hz to 20 kHz	
Input Impedance (ohms) Nominal	Minimum	
	8	7.1 @ 225 Hz
Recommended High-Pass Filter	High Pass => 70 Hz, 24 dB/octave Butterworth	
Power Handling	250 W 45 V @ 8 ohms	
	Calculated Maximum SPL	Average
	116 dB	122 dB

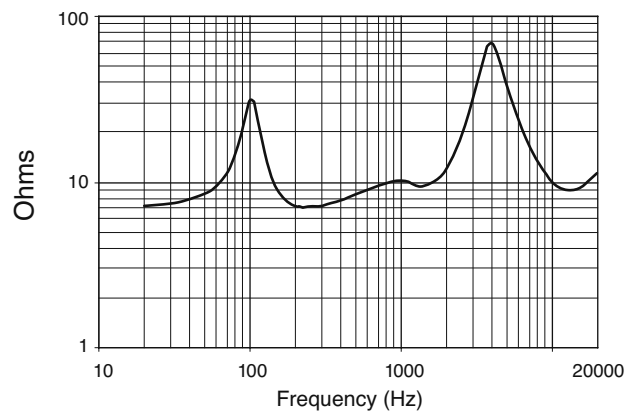
### VR62 FREQUENCY RESPONSE ON-AXIS



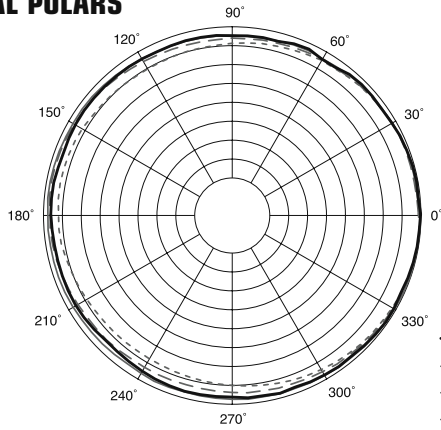
### VR62 BEAMWIDTH VS. FREQUENCY



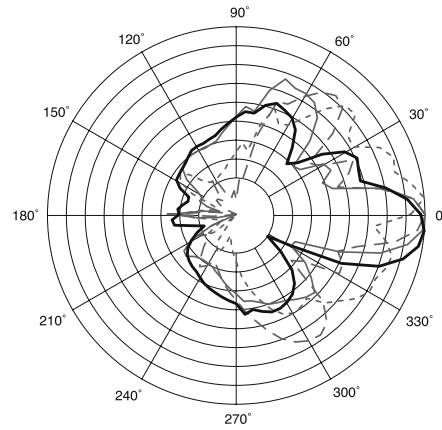
### VR62 IMPEDANCE VS. FREQUENCY



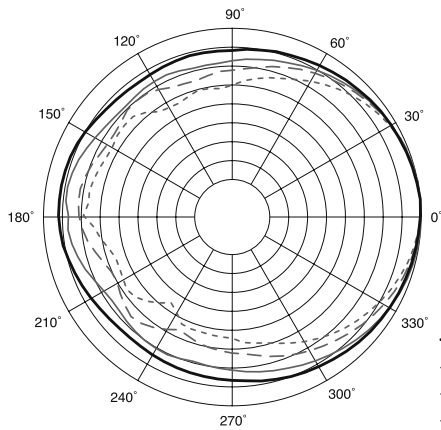
### VR62 VERTICAL POLARS



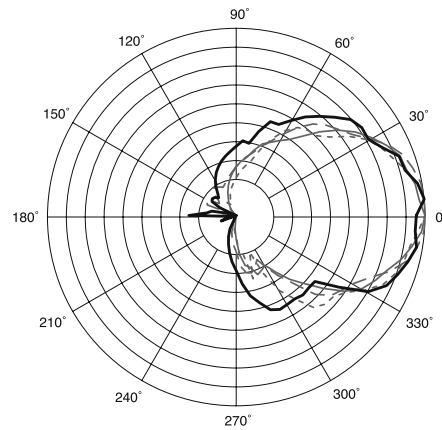
— 100 Hz  
— 125 Hz  
- - 160 Hz  
- - - 200 Hz



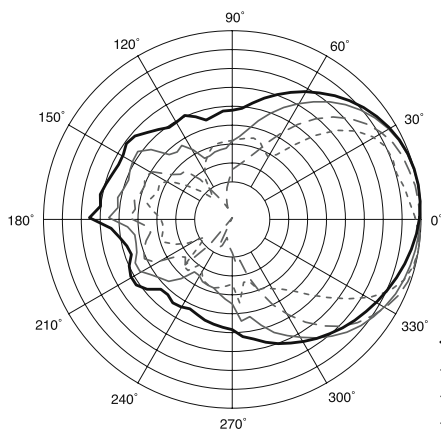
— 1600 Hz  
— 2000 Hz  
- - 2500 Hz  
- - - 3150 Hz



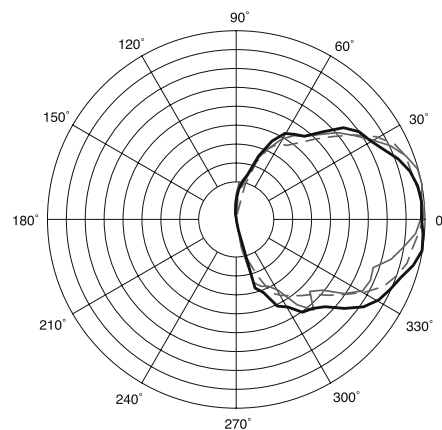
— 250 Hz  
— 315 Hz  
- - 400 Hz  
- - - 500 Hz



— 4000 Hz  
— 5000 Hz  
- - 6300 Hz  
- - - 8000 Hz



— 630 Hz  
— 800 Hz  
- - 1000 Hz  
- - - 1250 Hz



— 10000 Hz  
— 12500 Hz  
- - 16000 Hz

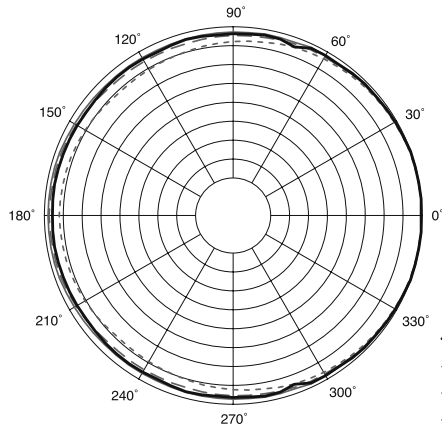
(Chart Scale = 3 dB / division)



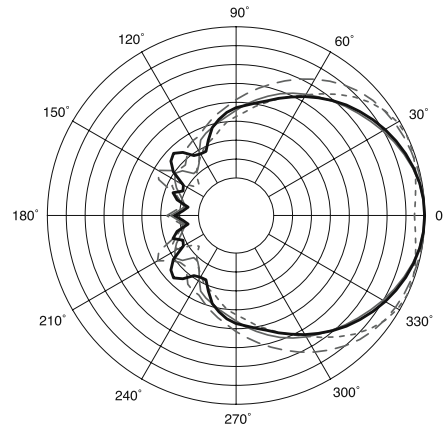
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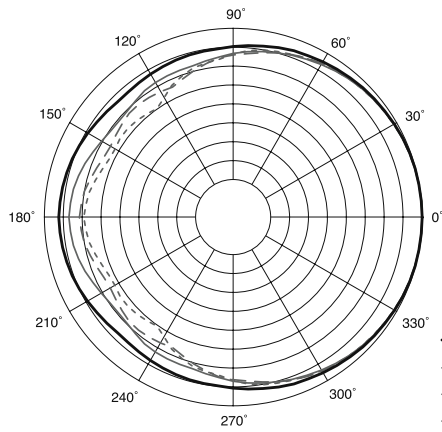
### VR62 HORIZONTAL POLARS



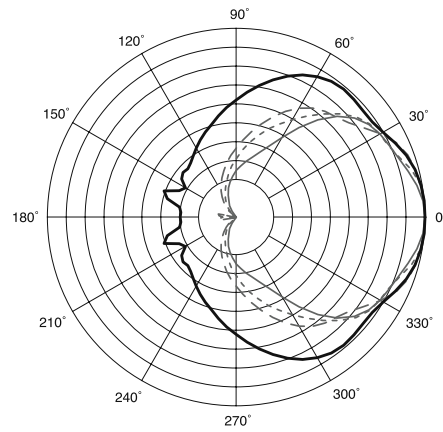
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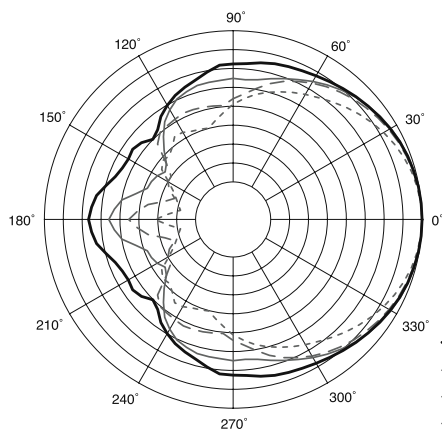
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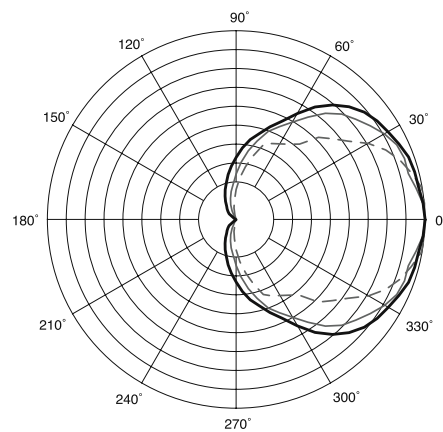
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