



## VR61 COMPACT TWO-WAY SPEAKER

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### 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
- Integral passive crossover network allows economical single-amplifier powering

### DESCRIPTION

The VR61 is engineered for superior sound and unobtrusive installation. A purpose-designed 6-inch LF driver enables the compact VR61 to match the output of competitive 8-inch 2-way speakers. The rotatable horn makes beamwidth orientation independent of mounting direction, allowing the VR61 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.



### APPLICATIONS

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

### SPECIFICATIONS

#### PRODUCT DATA

Model Name	VR61
Part Number	Black: 0010496 White: 0011349
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	1x6 in cone — Sealed
	HF	1x1 in exit compression driver — Horn-loaded

#### PERFORMANCE

Operating Range	85 Hz to 20000 Hz	
Nominal Beamwidth (rotatable)		
Horizontal	90°	
Vertical	60°	
Axial Sensitivity (whole space SPL)		
90 dB	85 Hz to 20000 Hz	
Peak Sensitivity (whole space SPL)		
93 dB	20 Hz to 20 kHz	
Input Impedance (ohms)	Nominal	Minimum
	8	3.6 @ 2660 Hz
Recommended High-Pass Filter		
High Pass	=> 75 Hz, 24 dB/octave Butterworth	
Power Handling		
150 W	35 V @ 8 ohms	
Calculated Maximum SPL		
	Average	Peak
	112 dB	118 dB

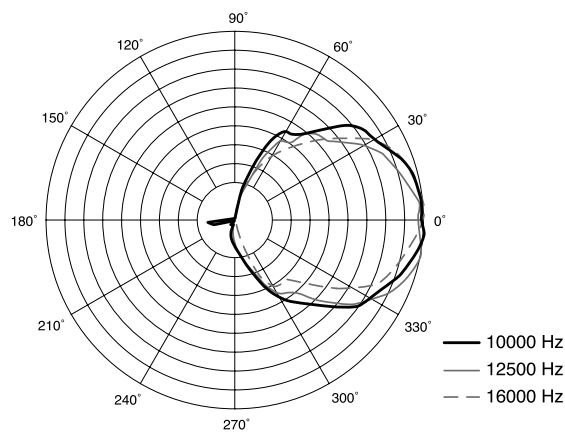
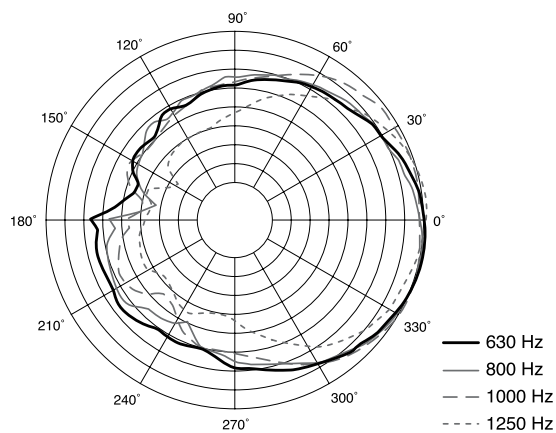
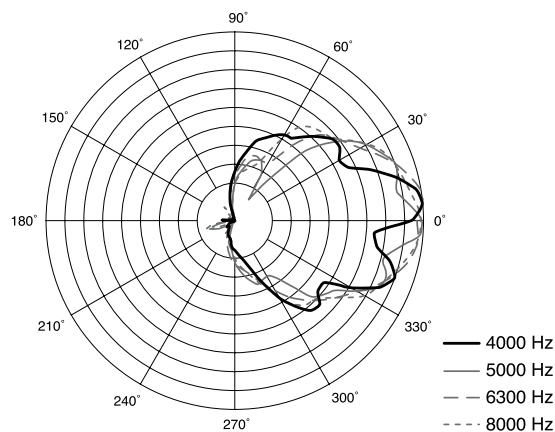
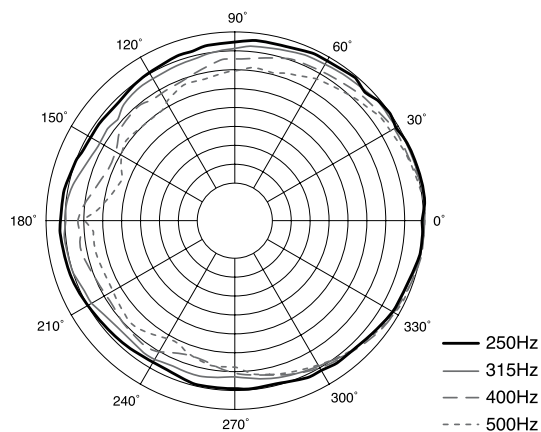
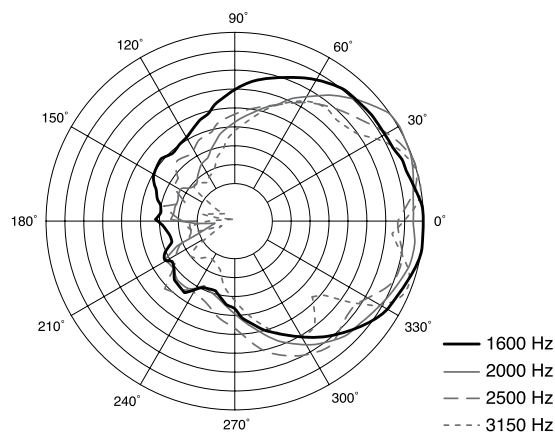
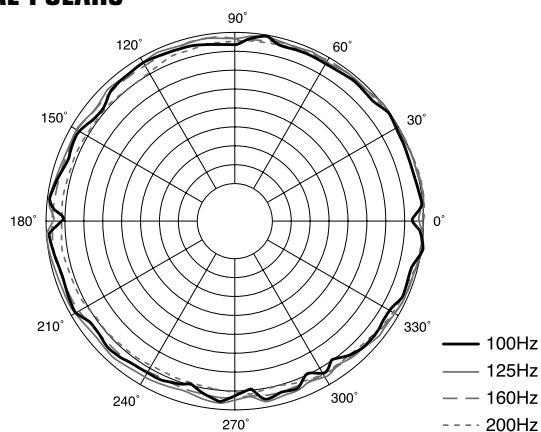


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### VR61 VERTICAL POLARS



(Chart Scale = 3 dB / division)

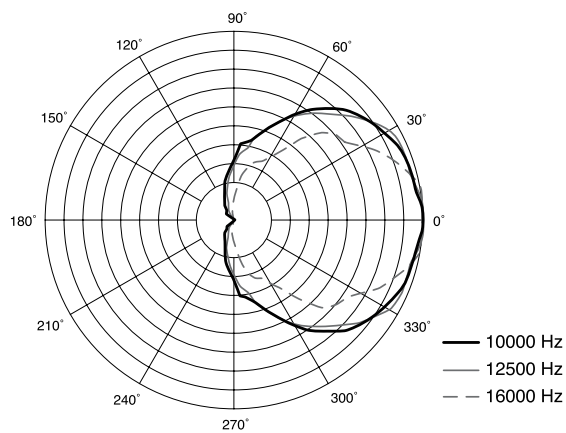
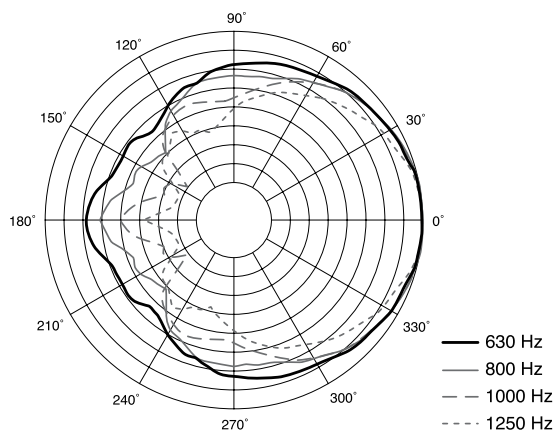
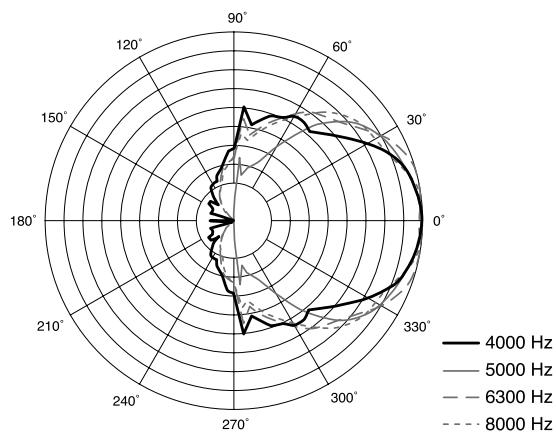
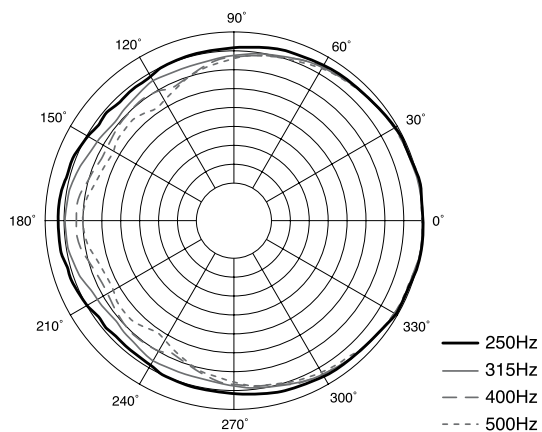
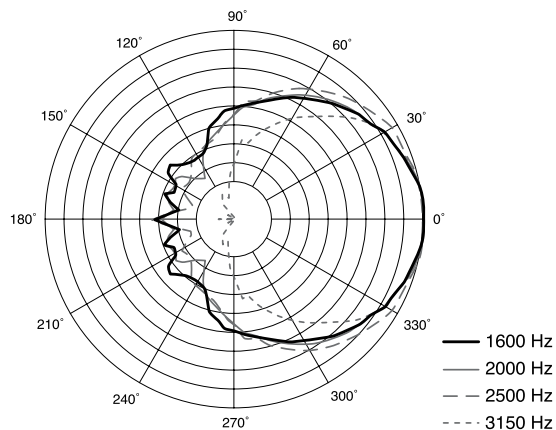
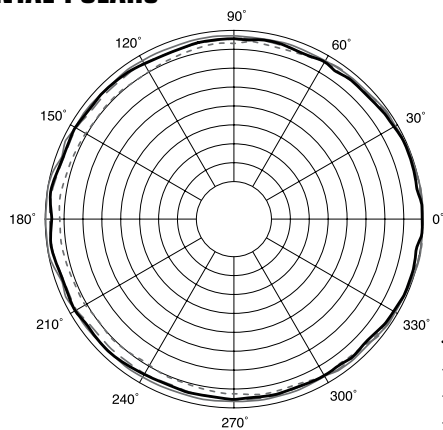


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### VR61 HORIZONTAL POLARS



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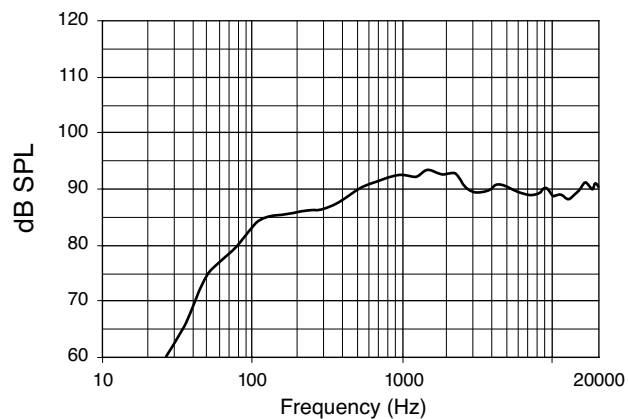


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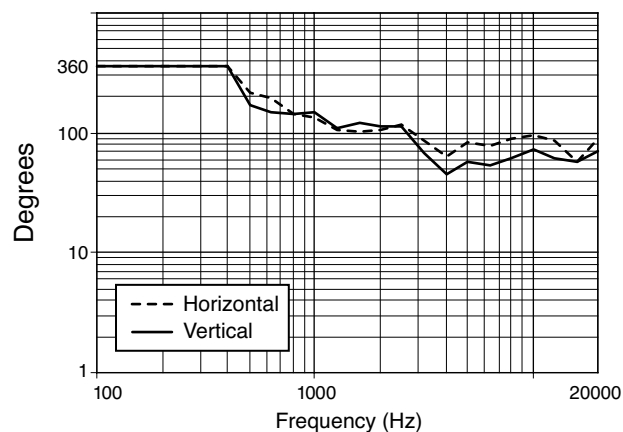
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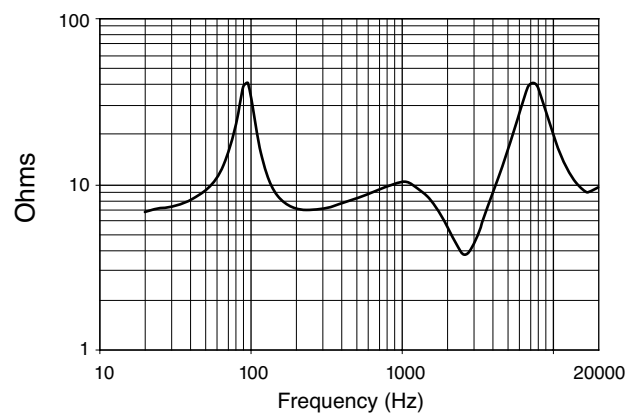
### VR61 FREQUENCY RESPONSE ON-AXIS



### VR61 BEAMWIDTH VS. FREQUENCY



### VR61 IMPEDANCE VS. FREQUENCY



### VR61 DIMENSIONS

