

# V-Surround-II

2-Way Switchable  
Bipole/Dipole  
Surround  
Speaker



## Specifications: V-Surround-II

## Mounting hardware included

Nominal Impedance	8 ohms
Sensitivity dB @ 2.83V/1M	88 dB
Frequency Response (1)	60 Hz - 20 kHz
Recommended Power	15 - 120 Watts
Transducer - Low Frequency Driver	5.25" VDT™ Vapor Deposited Titanium w/ NBR surround
Transducer - High Frequency Driver	(2) 1" Patented Synthetic Soft Dome
Crossover Frequency	2.5 kHz
Crossover Type	2-Way Absolute Phase®
Colors	Black Ash Laminate, Satin White
Enclosure alignment	Sealed
Grille - material	Black Cloth
Height (SM = Height)	228.6 mm / 9"
Diameter (SM = Width)	303.3 mm / 11.94"
Depth	141.3 mm / 4.5"
Weight	3.06 kg / 6.55 lb
Shipping Weight	8.2 kg / 18 lb
Regulatory - CE	approved
Regulatory - RoHS	approved

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## Description

Only 9" tall and 5" deep, the V-Surround-II completes the Phase Velocity series. With a 5.25" VDT woofer and dual 1" soft dome tweeters, the V-Surround-II can operate as either a bipole or dipole speaker. It also comes with a keyhole mounting system, allowing it to be placed on walls and freeing up floor and shelf space.

## Patented Phase Technologies

Phase Technology and MSE Audio Group constantly develop new technologies that enhance audio product performance. Phase Technology innovations are protected by multiple U.S. and international patents, which explicitly cover Phase Technology dispersion, enclosure and dome technologies. MSE Audio Group actively defends its patents in order to protect Phase Technology resellers and end users.

## Technical Data and Specification

## Tools

### Technical Data

Phase Technologies strives to provide complete and effective technical information and data to dealers, engineers and designers. All data are available from SoundTube Entertainment or at [www.soundtube.com](http://www.soundtube.com). Technical data and downloads include: EASE™ data - 3-D polar plots. EASE™ Address - 2-D modeling for distributed systems Autodesk® Revit® software Tech Sheets - Technical information and architectural specs for system engineers SoundTubeSPEC™ - Proprietary speaker placement software

### Data Acquisition and Verification

All data for Phase Technologies speakers are independently collected from and verified by NWAALabs ([www.nwaalabs.com](http://www.nwaalabs.com)) using their proprietary MACH testing system. All data are collected and analyzed according to ASTM, ISO and AES standards using EASRA, TEF and MLSSA. Full balloon data including both

phase and magnitude are compiled into a variety of formats including EASE 4.x, GLL and CLF.

## Architectural Specifications

No specifications currently.

### Phase Technology

8005 W. 110th St. | Suite 208  
Overland Park, KS 66210  
Phone 9136635600  
Fax  
Toll Free 8556635600  
<http://phasetech.mseaudio.com>  
All Phase Technologies products come with a 5-year limited warranty.

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