



PROCESSED ACTIVE MONITOR

**APPLICATIONS**

- Live Sound Reinforcement Floor Monitor
- Touring Systems, Clubs, Auditoriums, Theatres
- House of Worship, D.J. Booth Monitor
- Medium band P.A.
- Commercial Installations

**FEATURES**

- 0,59" baltic birch plywood cabinet, internally braced to prevent undesired resonance and vibrations
- 12" custom woofer with 2.5" voice coil
- 1" B&C HF compression driver with 1.7" voice coil
- 90° omnidirectional angle dispersion
- Control panel with balanced XLR/Jack input and XLR link out, Level, Preset, HP Filter, Mic/Line switch, 3 status led indicators
- Wall bracket mount flange plate, 1.38" top-hat speaker stand socket, two integrated handles
- High SPL capability: 129dB
- Available in white colour
- Completely Manufactured in Italy



Designed, Engineered  
and Manufactured in ITALY

**PRODUCT DESCRIPTION**

The FBT VERVE112MA bi-amplified speaker feature 0.59" Baltic birch plywood construction, covered in a scratch & scuff resistant black finish. The FBT VERVE 112MA is a two way design incorporating a 12" custom woofer with 2.5" voice coil, 1" B&C compression driver with 1.7" voice coil. With a frequency range of 65Hz-20kHz the FBT VERVE 112MA provides hi fidelity sound for both speech and music applications with a maximum SPL of 129dB. The bi-amplified FBT VERVE 112MA features a 400W RMS low frequency amp and a 100W RMS high frequency amp. The control panel features a master volume control, selector of 4 presets, XLR input & link, HP filter switch, mic/line switch, protect/limiter - peak - on led indicator. A front face steel grille protects the woofer from externa damage. The optional mounting bracket allow the FBT VERVE 112MA speakers to be surface mounted on walls or ceilings. A standard 1,38" speaker stand socket allows the FBT VERVE 112MA to be mounted on speaker stands.

**ELECTRONIC SPECIFICATIONS**

System Type:		2 Way
Internal Amplifiers*	cont.:	350W+80W RMS
	max.:	400W+100W RMS
	max. peak:	800W+200W
Low Frequency Woofer		1 x 12" - 2.5" coil
High Frequency Driver		1 x 1" - 1.7" coil
Frequency Response @ -6dB		65Hz - 20kHz
Frequency Response @-3dB		67Hz - 17kHz
Input Impedance		22kOhm
Maximum SPL ( continuous/peak )**		124dB / 129dB
Dispersion		90°
Active Crossover Frequency		1.6kHz
AC Power Requirement		450VA

**PHYSICAL SPECIFICATIONS**

Input Connectors		XLR with loop
Net Dimensions (WxHxD)		21.65" x 12.59" x 16.14"
Shipping Dimensions (WxHxD)		26.37" x 16.92" x 19.68"
Net Weight		36.59lb
Shipping Weight		42.76lb
Enclosure Material		0.59" birch plywood
Grille		Steel with powder coat black paint finish
Power Supply Cable		16.4 ft

\* CONT. : 500ms burst, rms power on nominal speaker impedance  
MAX: 2ms burst, rms power on nominal speaker impedance  
MAX PEAK: based on max peak output voltage and nominal speaker impedance

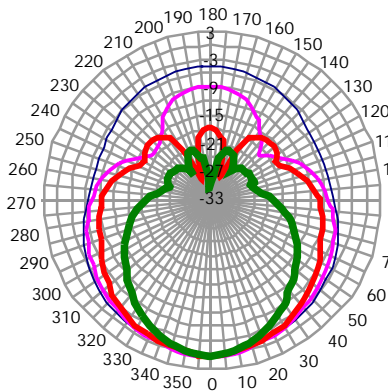
\*\* CONT. SPL: free space, based on continuous power amp rating and LF transducer average sensitivity data, 125mS time average  
PEAK SPL: free space, based on max. peak power amp rating and system peak sensitivity, 10mS time average



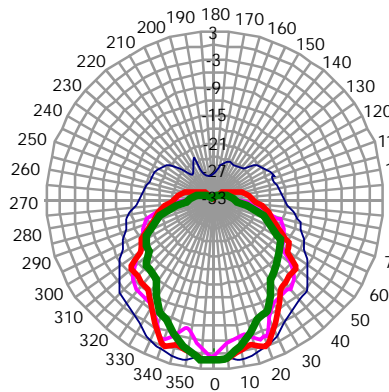
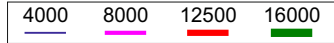
# VERVE 112MA

## DIAGRAMS

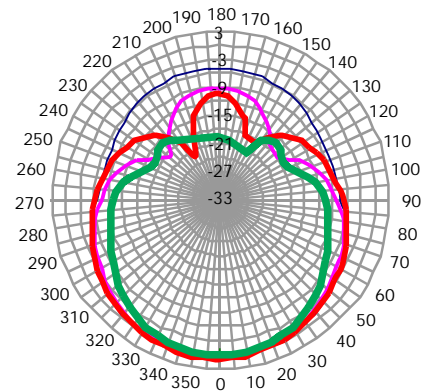
Horizontal polar diagrams



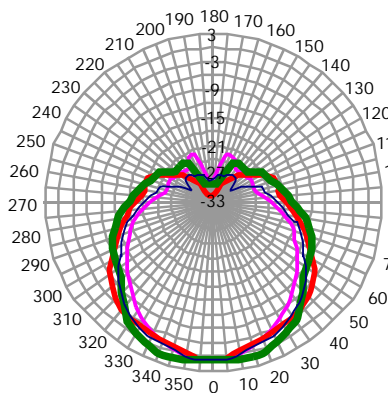
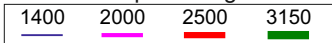
Horizontal polar diagrams



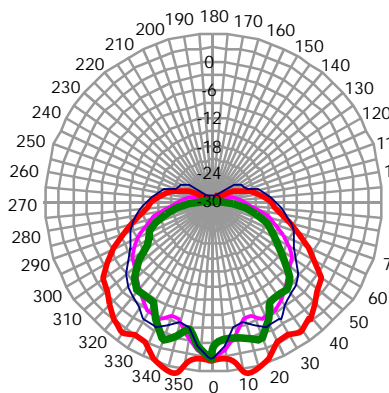
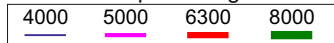
Vertical polar diagrams



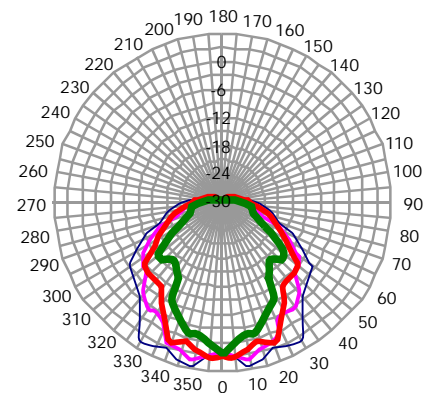
Vertical polar diagrams



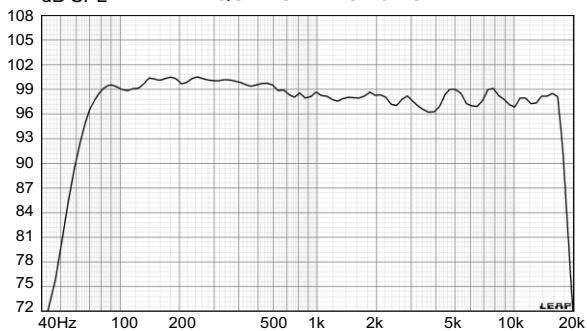
Vertical polar diagrams



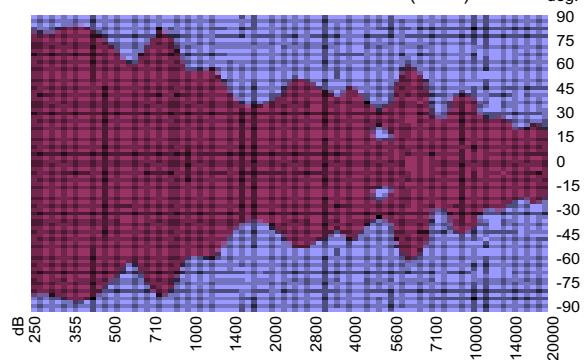
Vertical polar diagrams



dB SPL FREQUENCY RESPONSE



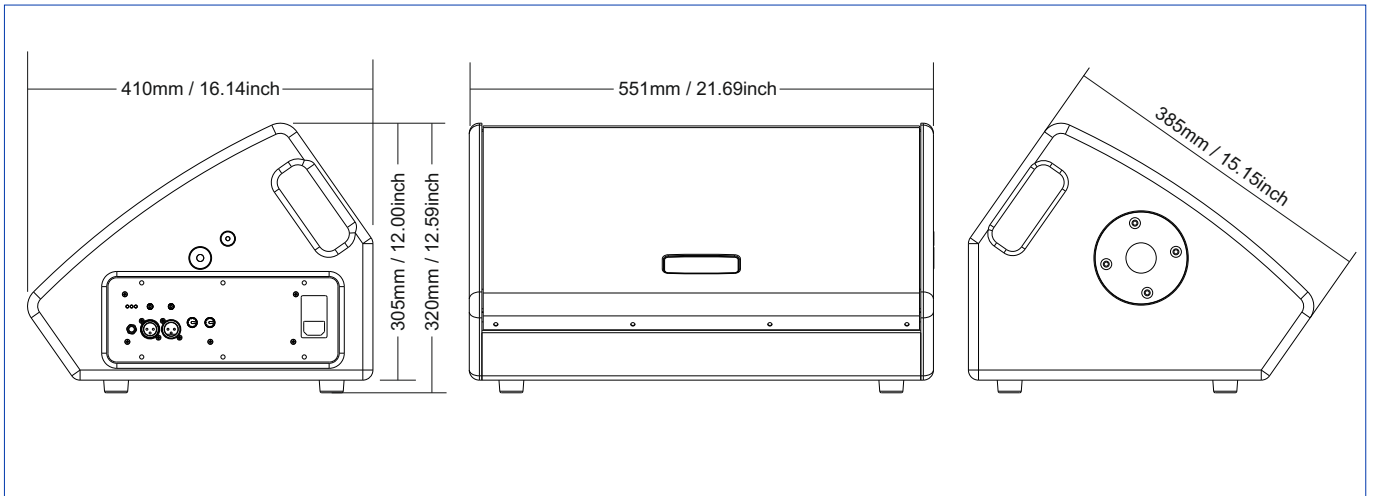
HORIZONTAL BEAMWIDTH (-6dB)



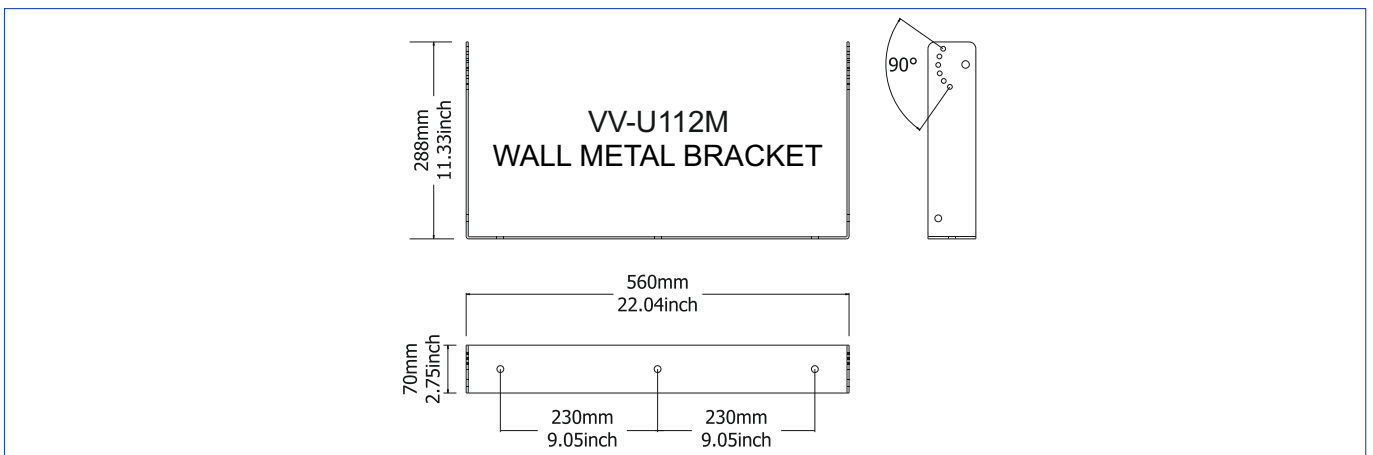


# VERVE 112MA

## DIMENSIONAL DRAWING



## ACCESSORIES



## CONTROL PANEL

New digital signal processor with 4 factory equalization presets provides simple and efficient EQ. adjustment. The presets have been extensively tested in the anechoic chamber to optimize the sound performance for different applications.

