



VERVE 108A

PROCESSED ACTIVE SPEAKER

APPLICATIONS

- Live Sound P.A. System or Live Sound Monitor, D.J. System
- School & Corporate Audio Visual Sound Reinforcement
- Background Music/Announcement: Restaurants, Pubs
- Transportation Terminals, Clubs, Auditoriums, Theatres
- Gyms, Houses of Worship

FEATURES

- 0,59" baltic birch plywood cabinet, internally braced to prevent undesired resonance and vibrations
- 8" LF woofer with 2" voice coil, custom made for FBT
- 1" exit throat B&C HF compression driver with 1.4" voice coil
- 80°H x 50°V constant directivity rotatable horn
- Control panel with XLR/Jack IN, XLR out, Volume, Preset, HP Filter, Switch mic/line, 3 status led indicators (prt/lmt, on, peak)
- Wall bracket mount flange plate, 35mm top-hat speaker stand socket
- High SPL capability: 128dB
- Available in white colour
- Completely Manufactured in Italy



Designed, Engineered
and Manufactured in ITALY

PRODUCT DESCRIPTION

The FBT VERVE108A bi-amplified speaker feature 0.59" Baltic birch plywood construction, covered in a scratch & scuff resistant black finish. The FBT VERVE 108A is a two way design incorporating a 8" custom woofer with 2" voice coil, 1" B&C compression driver with 1,4" voice coil coupled to a 80° H x 50° V horn. Thanks to the rotatable HF horns it is possible to create horizontal arrays of 2 enclosures for a total coverage of 80°. With a frequency range of 65Hz-20kHz the FBT VERVE 108A provides hi fidelity sound for both speech and music applications with a maximum SPL of 128dB. The bi-amplified FBT VERVE 108A 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 external damage. The optional VV-U108, VV-W108, VV-CO108 mounting brackets allow the FBT VERVE 108A speakers to be surface mounted on walls or ceilings. A standard 1,38" speaker stand socket allows the FBT VERVE 108A 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 8" - 2" coil
High Frequency Driver		1 x 1" - 1.4" coil
Frequency Response @ -6dB		65Hz - 20kHz
Frequency Response @-3dB		69Hz - 19kHz
Input Impedance		22kOhm
Maximum SPL (continuous/peak)**		121dB / 128dB
Dispersion		80°H x 50°V
Active Crossover Frequency		2.2kHz
AC Power Requirement		450VA

PHYSICAL SPECIFICATIONS

Input Connectors	XLR with loop
Net Dimensions (WxHxD)	10.55" x 19.68" x 10.62"
Shipping Dimensions (WxHxD)	12.99" x 24.40" x 12.99"
Net Weight	25.57lb
Shipping Weight	29.98lb
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

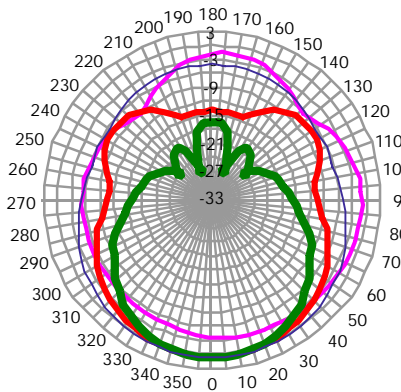
** CONT. SPL: free space, based on continuous power amp rating and LF transducer average sensitivity data, 125mS time average
 PEAK SPL: free space, based on max. peak power amp rating and system peak sensitivity, 10mS time average



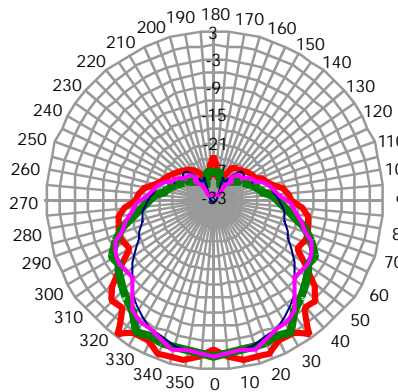
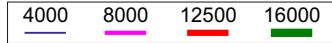
VERVE 108A

DIAGRAMS

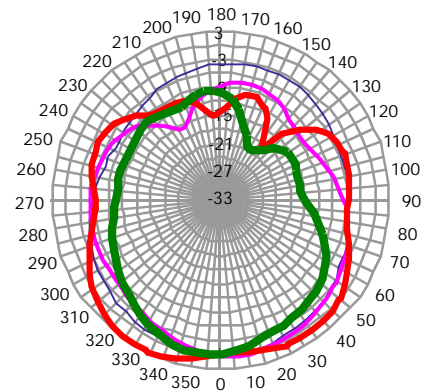
Horizontal polar diagrams



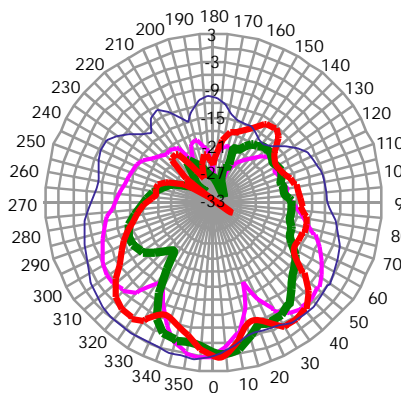
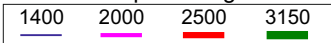
Horizontal polar diagrams



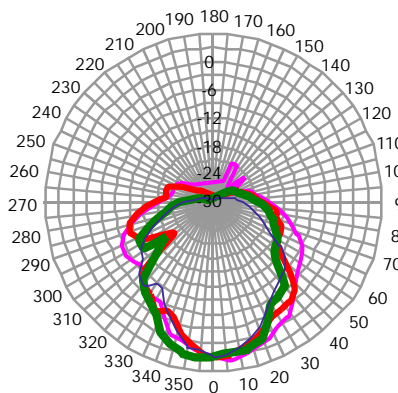
Vertical polar diagrams



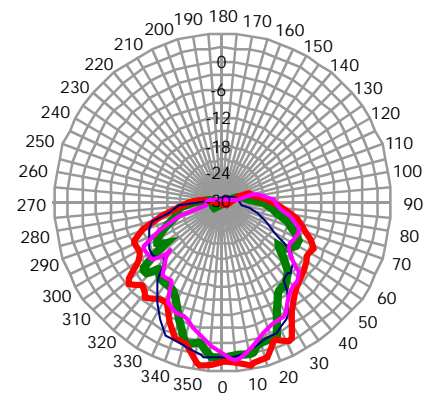
Vertical polar diagrams



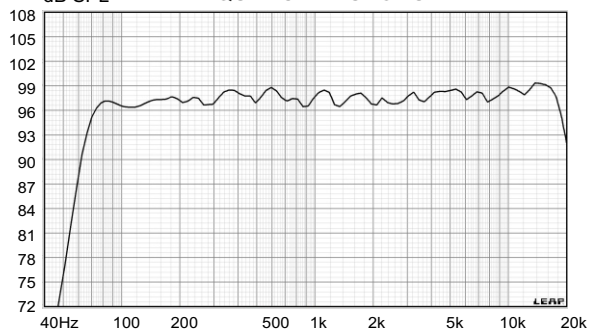
Vertical polar diagrams



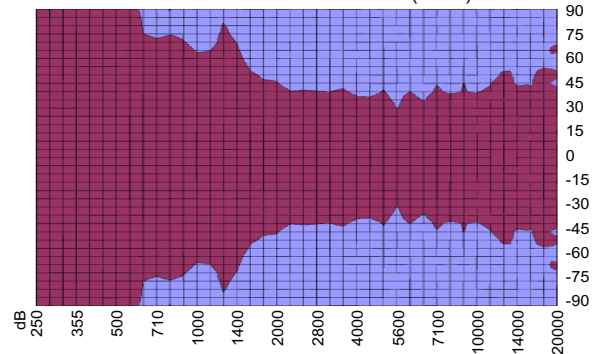
Vertical polar diagrams



dB SPL FREQUENCY RESPONSE



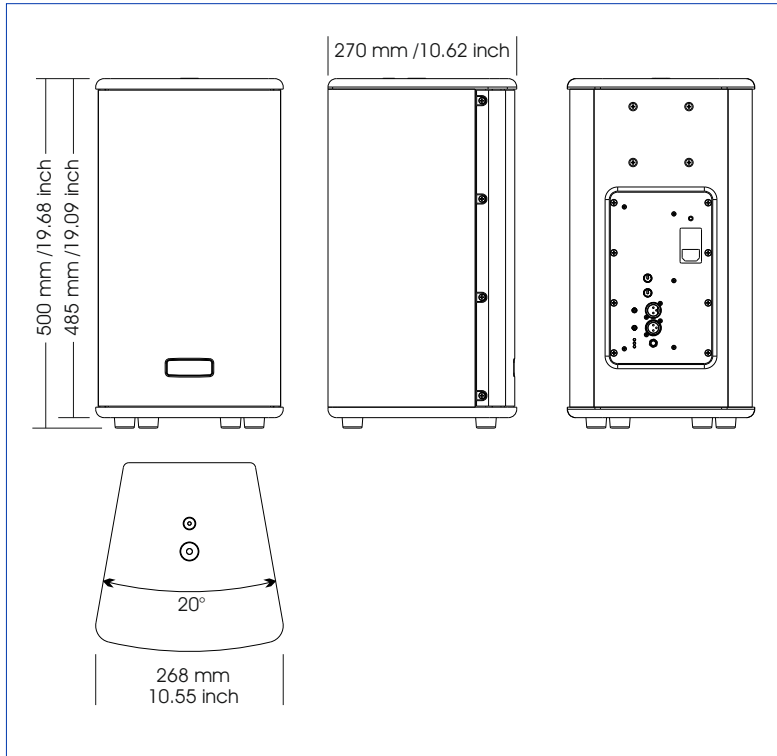
HORIZONTAL BEAMWIDTH (-6dB)



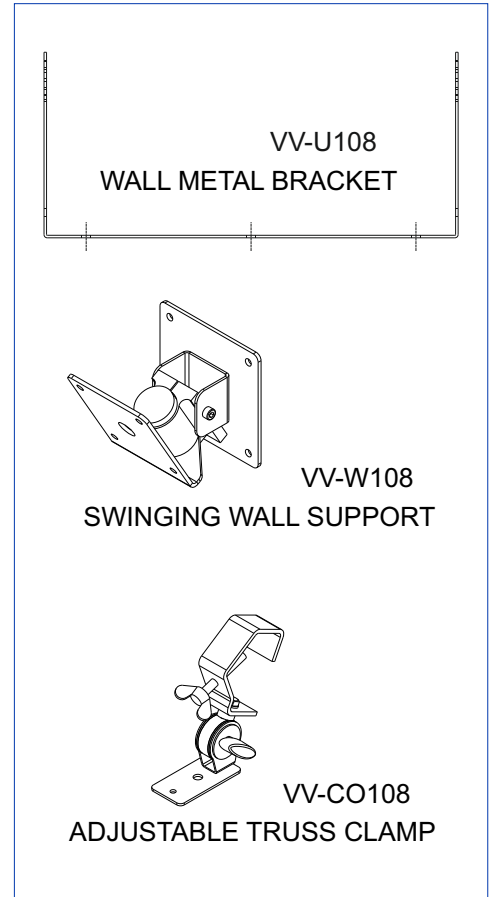


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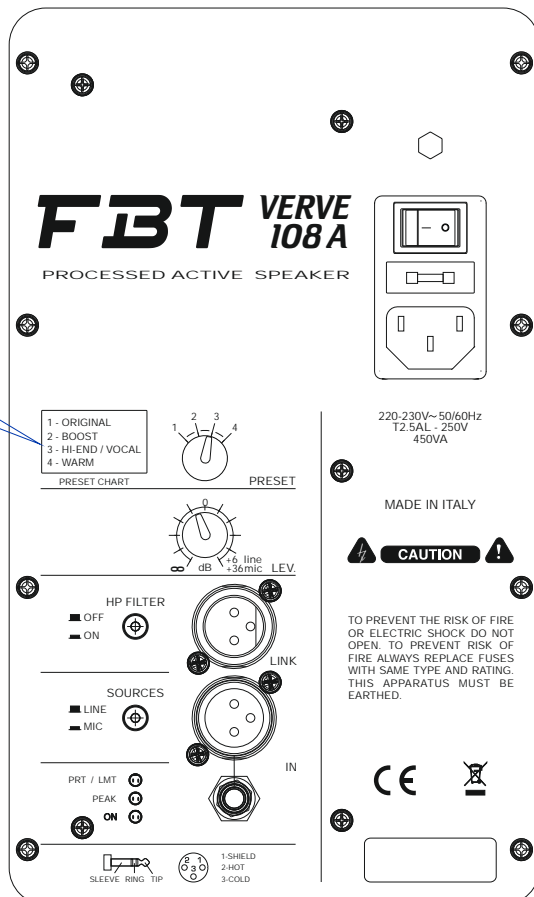
DIMENSIONAL DRAWING



ACCESSORIES



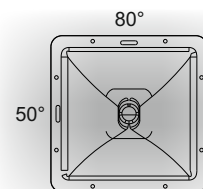
CONTROL PANEL



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.

ROTATABLE HORN

HORN COVERAGE ANGLE



ROTATED HORN COVERAGE ANGLE

