



## 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
- 15" LF woofer with 2.5" 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, 1.38" top-hat speaker stand socket,
- 6 x M10 suspension point
- High SPL capability: 130dB
- Available in white colour



Designed, Engineered  
and Manufactured in ITALY

### PRODUCT DESCRIPTION

The FBT VERVE115A bi-amplified speaker feature 0.59" Baltic birch plywood construction, covered in a scratch & scuff resistant black finish. The FBT VERVE 115A is a two way design incorporating a 15" custom woofer with 2.5" 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 horn it is possible to create horizontal arrays of 2 enclosures for a total coverage of 80°. With a frequency range of 45Hz-20kHz the FBT VERVE 115A provides hi fidelity sound for both speech and music applications with a maximum SPL of 130dB. The bi-amplified FBT VERVE 115A 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 mounting bracket allow the FBT VERVE 115A speakers to be surface mounted on walls or ceilings. A standard 1,38" speaker stand socket allows the FBT VERVE 115A 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 15" - 2.5" coil
High Frequency Driver	1 x 1" - 1.4" coil
Frequency Response @ -6dB	45Hz - 20kHz
Frequency Response @ -3dB	50Hz - 19kHz
Input Impedance	22kOhm
Maximum SPL ( continuous/peak ) * *	125.5dB / 130dB
Dispersion	80°H x 50°V
Active Crossover Frequency	1.6kHz
AC Power Requirement	450VA

\* 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

### PHYSICAL SPECIFICATIONS

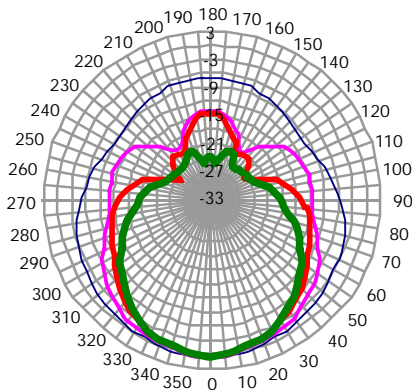
Input Connectors	XLR with loop
Net Dimensions (WxHxD)	16.73" x 29.21" x 16.53"
Shipping Dimensions (WxHxD)	20.86" x 33.85" x 20.86"
Net Weight	59.96lb
Shipping Weight	66.57lb
Enclosure Material	0.59" birch plywood
Grille	Steel with powder coat black paint finish
Power Supply Cable	16.4 ft



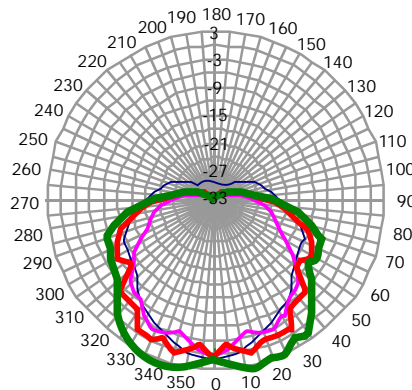
# VERVE 115A

## DIAGRAMS

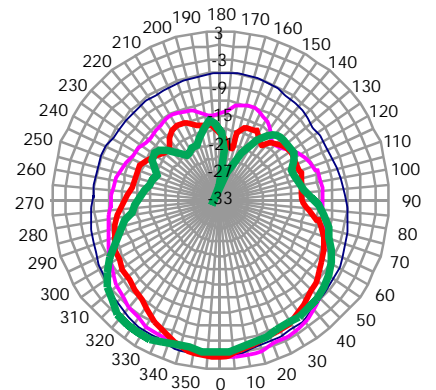
Horizontal polar diagrams



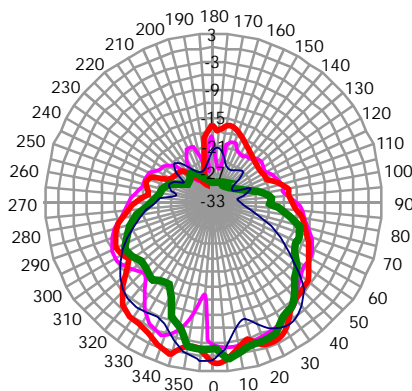
Horizontal polar diagrams



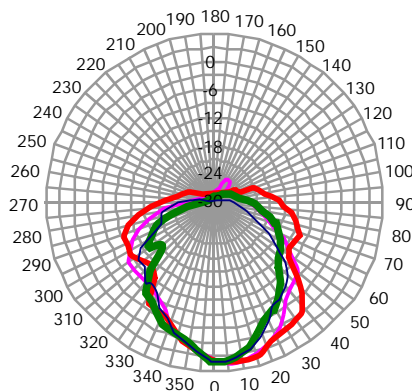
Vertical polar diagrams



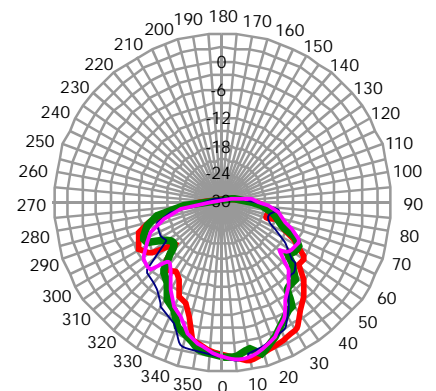
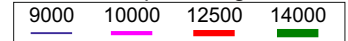
Vertical polar diagrams



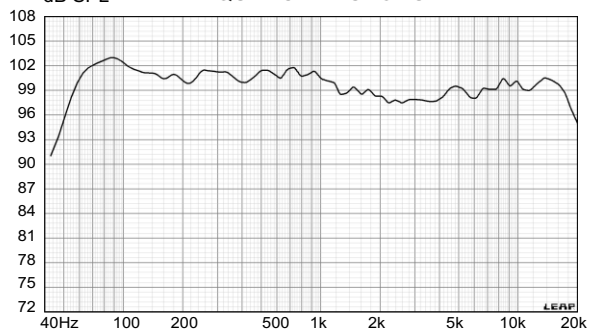
Vertical polar diagrams



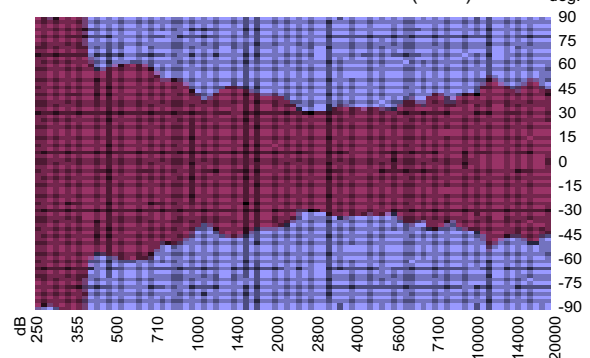
Vertical polar diagrams



dB SPL FREQUENCY RESPONSE



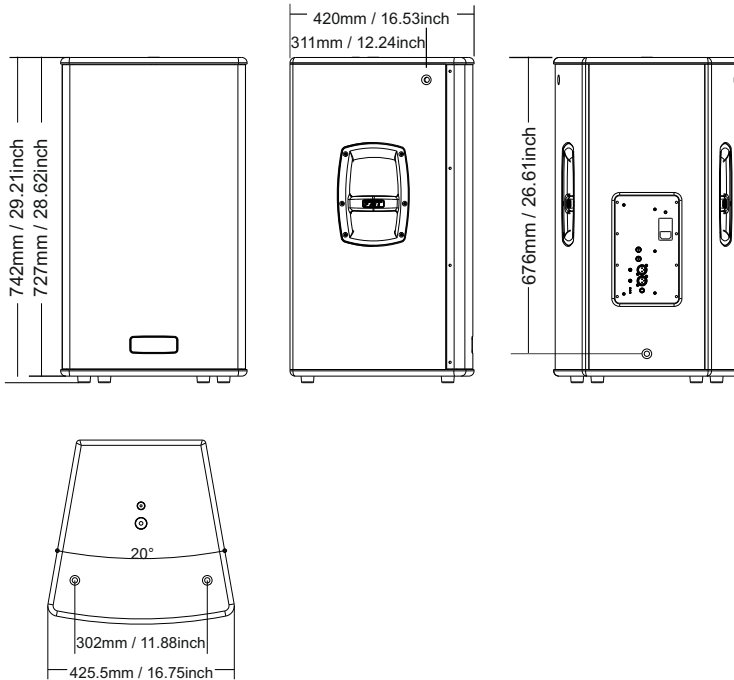
HORIZONTAL BEAMWIDTH (-6dB)





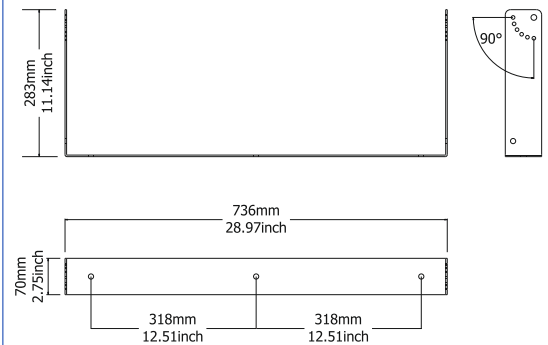
# VERVE 115A

## DIMENSIONAL DRAWING

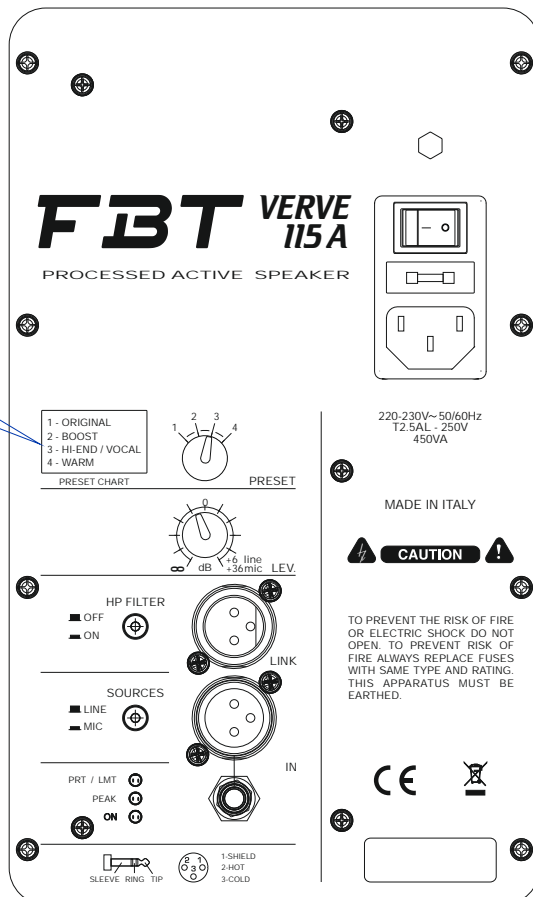


## ACCESSORIES

### VV-U115 WALL METAL BRACKET



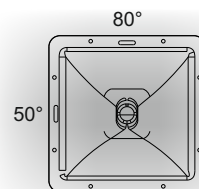
## CONTROL PANEL



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

