

Processed Active Speaker

MAIN APPLICATIONS

- Band P.A.
- Personal monitor
- Small theatres & Auditoriums
- Piano bar & DJ
- Stage monitor & Conference rooms
- Fixed installations in live clubs
- Pubs
- Gyms

MAIN FEATURES

- 2-way bi-amplified bass reflex design
- Biamped: 700W RMS/LF and 200W RMS/HF
- DSP with graphic display
- 80°H x 50°V rotatable horn
- 0,59" birch plywood scratch resistant enclosure
- High efficiency switch mode power supply
- Control panel features balanced XLR/Jack combo input, XLR M out, 2 x volume, RCA stereo input, DSP with rotative encoder and push.



DESCRIPTION

The FBT VENTIS 112A has been designed to meet the highest standards in both performance and aesthetic appeal. The FBT VENTIS 112A are as suitable for fixed installation as they are for use on the stage. The VENTIS 112A incorporating a 12" LF woofer with 2.5" voice coil custom made for FBT and 1" exit throat B&C HF compression driver with 1,4" voice coil. A fully rotatable constant directivity horn ensure accurate coverage (80°H x 50°V). With a frequency range from 48Hz to 20kHz the FBT VENTIS 112A speaker provide high fidelity sound for both speech and music applications with a maximum SPL of 133dB. Low frequencies are driven by a highly efficient 700W RMS (full bridge) Class D topology, operating with extremely low THD; for the HF stage a 200W RMS performance is delivered via a meticulously crafted Class H/AB design. DSP on-board is both user friendly and powerful; a total of 6 pre-optimised settings are available, plus 2 further slots for users to form their own designs, using 5 parametric equalizers per slot. Constructed in 0,59" birch plywood the FBT VENTIS 112A include two aluminum handles and 6 x M10 suspension points. The optional wall bracket and mounting hardware allow The FBT VENTIS 112A to be surface on walls or ceilings.

TECHNICAL SPECIFICATIONS

GENERAL

| | | |
|-----------------------|------|---------------|
| Code | | 40641 |
| Configuration | way | 2 |
| Low frequency woofer | inch | 12 - 2.5 coil |
| High frequency driver | inch | 1 - 1.4 coil |

ACOUSTIC SPECIFICATIONS

| | | |
|----------------------------|---------|-------------------|
| Frequency response (@-6dB) | Hz | 48 - 20k |
| Sensitivity (@1W/1m) | dB | --- |
| MAX SPL (cont/peak)** | dB | 126 / 133 |
| Dispersion | H° x V° | 80 x 50 rotatable |

INPUTS & OUTPUTS

| | | |
|------------------|--|--------------------------|
| Input connectors | | XLR combo, XLR M, RCA ST |
|------------------|--|--------------------------|

POWER SUPPLY

| | | |
|----------------------|----|------|
| AC power requirement | VA | 600 |
| Power cord | mt | 5 |
| | ft | 16.4 |

AMPLIFIER

| | | | |
|---------------------|------------------|-------|------------|
| Built-in amplifier* | MAX (LF/HF) | W RMS | 700 / 200 |
| | MAX peak (LF/HF) | W | 1400 / 400 |
| Input impedance | | Ohm | 22k |

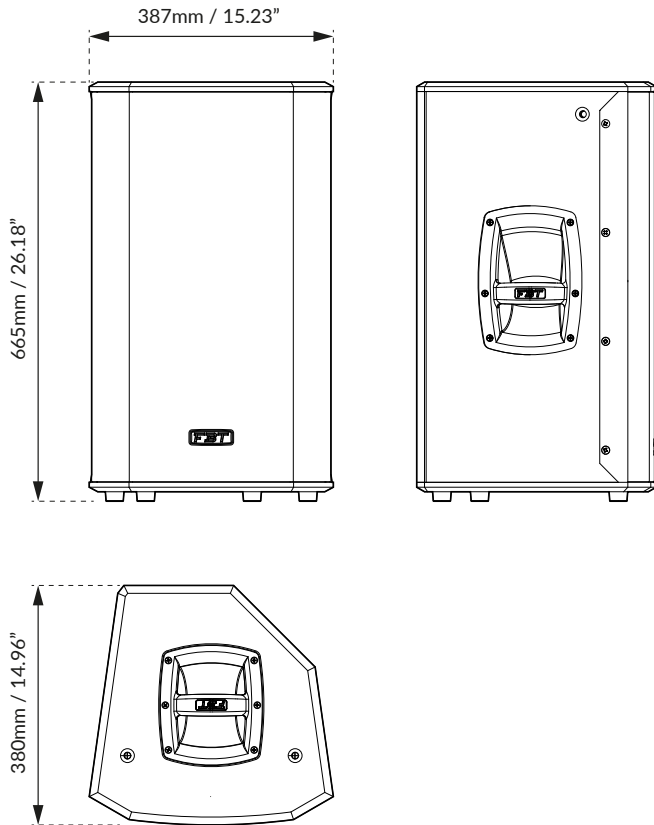
MECHANICAL SPECIFICATIONS

| | | |
|------------------------------|------|-----------------------|
| Material | | 0.59" birch plywood |
| Net dimensions (WxHxD) | mm | 387 x 665 x 380 |
| | inch | 15.23 x 26.18 x 14.96 |
| Transport dimensions (WxHxD) | mm | 500 x 765 x 470 |
| | inch | 19.69 x 30.12 x 18.50 |
| Net weight | kg | 21.80 |
| | lb | 48.06 |
| Transport weight | kg | 24.90 |
| | lb | 54.89 |

* 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 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

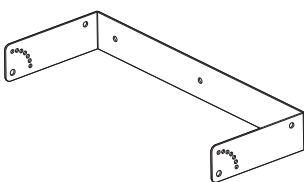
DIMENSIONAL DRAWING



CONTROL PANEL



ACCESSORIES



VN-U 112

Wall Metal Bracket
Code: 40725

639 x 70 x 253mm
25.15 x 2.75 x 9.96inch
2.50 kg / 5.51 lb

NOTE

⚠ WARNING | This FBT loudspeaker should be suspended overhead only in accordance with the procedures and limitations specified in the user's manual. This system should be suspended in compliance with local and state overhead suspension ordinances. The VENTIS speakers use only with FBT mount for wall installation.