

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 115A has been designed to meet the highest standards in both performance and aesthetic appeal. The FBT VENTIS 115A are as suitable for fixed installation as they are for use on the stage. The VENTIS 115A incorporating a 15" LF woofer with 2.5" voice coil custom made for FBT and 1" exit throat B&C HF compression driver with 1,7" voice coil. A fully rotatable constant directivity horn ensure accurate coverage (80°H x 50°V). With a frequency range from 42Hz to 20kHz the FBT VENTIS 115A 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 115A include two aluminum handles and 6 x M10 suspension points. The optional wall bracket and mounting hardware allow The FBT VENTIS 115A to be surface on walls or ceilings.

TECHNICAL SPECIFICATIONS

GENERAL

Code		40642
Configuration	way	2
Low frequency woofer	inch	15 - 2.5 coil
High frequency driver	inch	1 - 1.7 coil

ACOUSTIC SPECIFICATIONS

Frequency response (@-6dB)	Hz	42 - 20k
Sensitivity (@1W/1m)	dB	---
MAX SPL (cont/peak)**	dB	127 / 133
Dispersion	H° x V°	80 x 50 rotatable

INPUTS & OUTPUTS

Input connectors		XLR combo, XLR M, RCA ST
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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

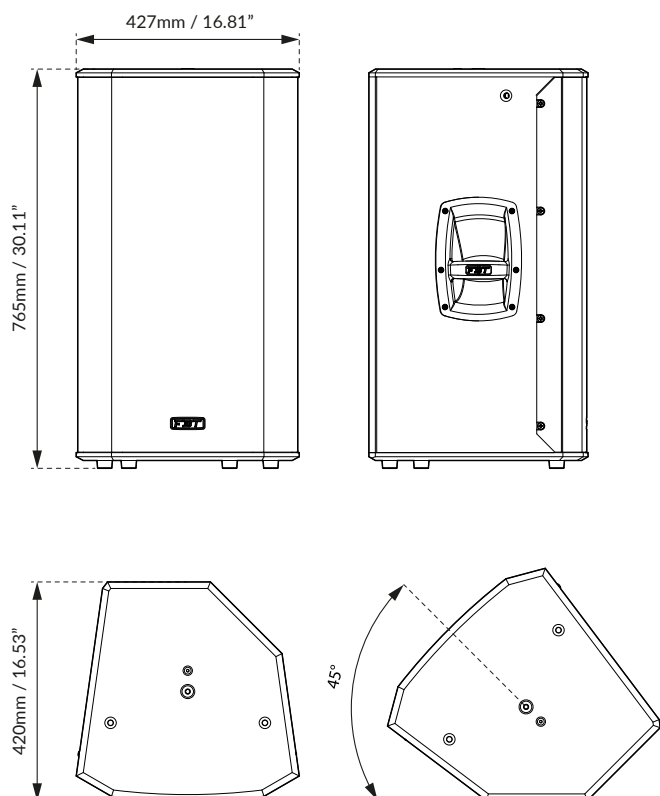
MECHANICAL SPECIFICATIONS

Material		0.59" birch plywood
Net dimensions (WxHxD)	mm	427 x 765 x 420
	inch	16.81 x 30.11 x 16.53
Transport dimensions (WxHxD)	mm	600 x 865 x 520
	inch	23.62 x 34.06 x 20.47
Net weight	kg	26.50
	lb	58.42
Transport weight	kg	31.60
	lb	69.66

* 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

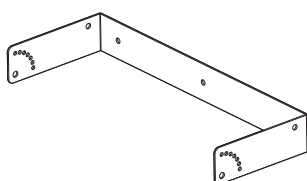
DIMENSIONAL DRAWING



CONTROL PANEL



ACCESSORIES



VN-U 115

Wall Metal Bracket
Code: 40724

736 x 70 x 283mm
28.97 x 2.75 x 11.14inch
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.