

# 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
- Built-in amplifier max. 700W/200W RMS LF/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
- Optional wall bracket mount thread
- 4 x threaded rigging points for optional mounting hardware
- One integrated handle

## DESCRIPTION

The FBT VENTIS 108A has been designed to meet the highest standards in both performance and aesthetic appeal. The FBT VENTIS 108A are as suitable for fixed installation as they are for use on the stage. The VENTIS 108A incorporating a 8" LF woofer with 2" 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 65Hz to 20kHz the FBT VENTIS 108A speaker provide high fidelity sound for both speech and music applications with a maximum SPL of 131dB. Low frequencies are driven by a highly efficient 700W RMS 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 108A include one integrated handle. The optional wall bracket and mounting hardware allow The FBT VENTIS 108A to be surface on walls or ceilings.

## TECHNICAL SPECIFICATIONS

### GENERAL

Code		41212
Configuration	way	2
Low frequency woofer	inch	8 - 2 coil
High frequency driver	inch	1 - 1.4 coil

### ACOUSTIC SPECIFICATIONS

Frequency response (@-6dB)	Hz	65 - 20k
Sensitivity (@1W/1m)	dB	---
MAX SPL (cont/peak)**	dB	123 / 131
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

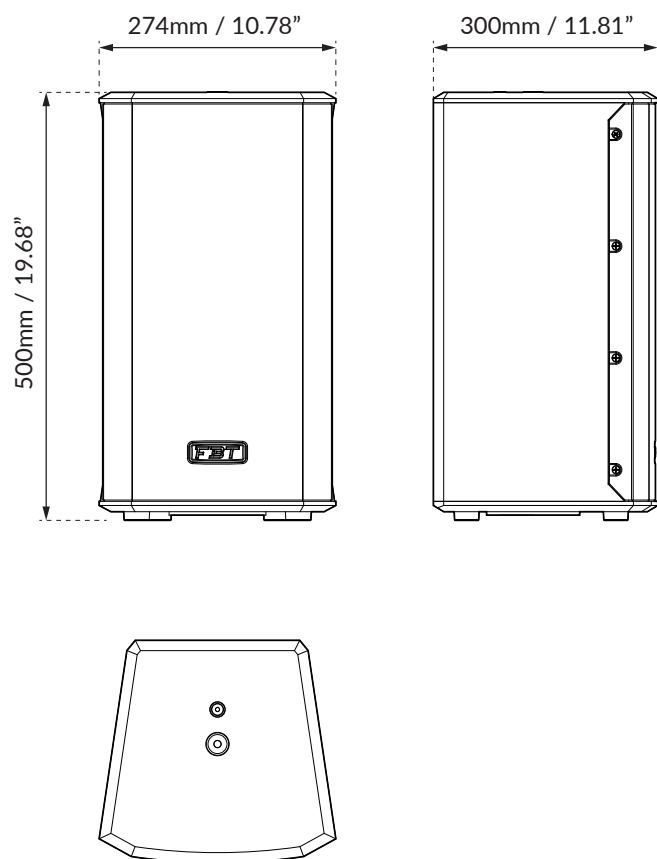
Material		0.59" birch plywood
Net dimensions (WxHxD)	mm	274 x 500 x 300
	inch	10.78 x 19.68 x 11.81
Transport dimensions (WxHxD)	mm	355 x 545 x 385
	inch	13.98 x 21.46 x 15.16
Net weight	kg	14
	lb	30.86
Transport weight	kg	15.50
	lb	34.17

\* 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



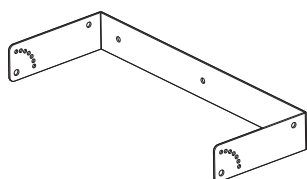
## DIMENSIONAL DRAWING



## CONTROL PANEL



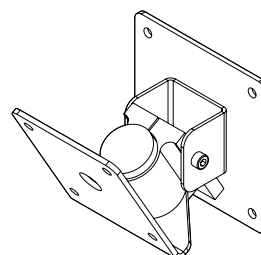
## ACCESSORIES



### VN-U 108

**Wall Metal Bracket**  
Code: 41220

491 x 70 x 220mm  
19.33 x 2.75 x 8.66inch  
1.80 kg / 3.96 lb



### AC-W 568

**Directional Wall Bracket**  
Black code: 36987  
White code: 37330

100 x 127 x 77.5mm  
3.93 x 4.99 x 3.05inch  
2.20 kg / 4.85 lb