

# 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
- 70°H x 50°V rotatable horn
- 0,47" 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 206A has been designed to meet the highest standards in both performance and aesthetic appeal. The FBT VENTIS 206A can be deployed as a front fill, an under-balcony fill, as a main providing pristine speech intelligibility or simply as the full-range companion of a subwoofer. The FBT VENTIS 206A incorporating 2 x 6.5" LF woofers with 1.5" 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 (70°H x 50°V). With a frequency range from 70Hz to 20kHz the FBT VENTIS 206A 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 (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 0,47" birch plywood, the FBT VENTIS 206A has an integrated rear handle. The optional wall bracket and mounting hardware allow The FBT VENTIS 206A to be surface on walls or ceilings. A standard 1.38" / 35mm speaker stand socket allows FBT VENTIS 206A to be mounted on speaker stands.

## TECHNICAL SPECIFICATIONS

### GENERAL

Code		40639
Configuration	way	2
Low frequency woofer	inch	2 x 6.5 - 1.5 coil
High frequency driver	inch	1 - 1.4 coil

### ACOUSTIC SPECIFICATIONS

Frequency response (@-6dB)	Hz	70 - 20k
Sensitivity (@1W/1m)	dB	---
MAX SPL (cont/peak)**	dB	124 / 131
Dispersion	H° x V°	70 x 50 rotatable

### INPUTS & OUTPUTS

Input connectors		XLR with loop, 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

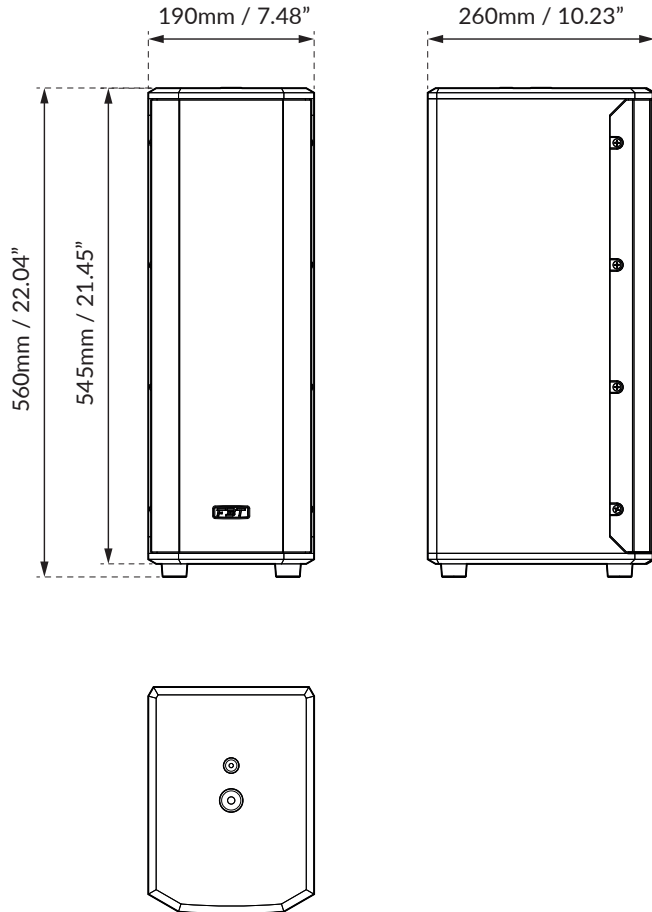
### MECHANICAL SPECIFICATIONS

Material		0.47" birch plywood
Net dimensions (WxHxD)	mm	190 x 560 x 260
	inch	7.48 x 22.04 x 10.23
Transport dimensions (WxHxD)	mm	360 x 660 x 290
	inch	14.17 x 25.98 x 11.42
Net weight	kg	13.20
	lb	29.10
Transport weight	kg	15
	lb	33.06

\* 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

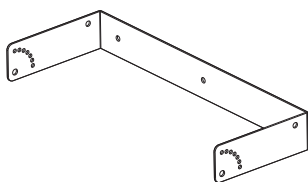
## DIMENSIONAL DRAWING



## CONTROL PANEL



## ACCESSORIES



### VN-U 206

**Wall Metal Bracket**  
Code: 40727

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