

# Processed Active Speaker

## MAIN APPLICATIONS

- Live sound PAsystem
- Live sound monitor
- DJ system
- School and corporate audio visual sound reinforcement
- Background music/announcements: restaurants, pubs
- Transportation terminals, Clubs, Auditoriums, Theatres, Gyms, Houses of worship

## MAIN FEATURES

- 2-way bi-amplified bass reflex design
- Biamped: 700W RMS/LF and 200W RMS/HF
- DSP with graphic display
- Polypropylene cabinet
- 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
- 12°, 40°, 55° monitoring angles



## DESCRIPTION

The FBT ProMaxX 110A is a 2-way bi-amplified bass reflex design cabinet. With a specially developed polypropylene cabinet and stylish full grille aesthetic, The FBT ProMaxX 110A represents the next step in the evolution of a portable sound classic. The FBT ProMaxX 110A incorporates a 10" LF woofer with a 2" voice coil, custom-made for FBT and a 1" exit throat B&C HF compression driver with a 1.4" voice coil; with a constant directivity horn (90° H x 60° V) ensure accurate coverage and with a frequency range from 58Hz to 20kHz the FBT ProMaxX 110A speaker provide high fidelity sound for both speech and music applications with a maximum SPL of 131 dB. Low frequencies are driven by a highly efficient 700W RMS Class D topology, operating with extremely low THD; for HF 200 W RMS is delivered via a Class H/AB design. Onboard is a powerful digital signal processing platform; a total of 6 preoptimised settings are available, plus 2 further slots for users to form their own designs, using 5 parametric equalizers per slot. The two M10 suspension points along with the optional mounting bracket allow the FBT ProMaxX 110A speaker to be surface mounted on a wall or ceiling and a standard 1.38" speaker stand socket allows the FBT ProMaxX 110A to be mounted on a speaker stand.

## TECHNICAL SPECIFICATIONS

### GENERAL

Code		40605
Configuration	way	2
Low frequency woofer	inch	10 - 2 coil
High frequency driver	inch	1 - 1.4 coil

### ACOUSTIC SPECIFICATIONS

Frequency response (@-6dB)	Hz	58 - 20k
MAX SPL (cont/peak)**	dB	124 / 131
Dispersion	H° x V°	90 x 60

### 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

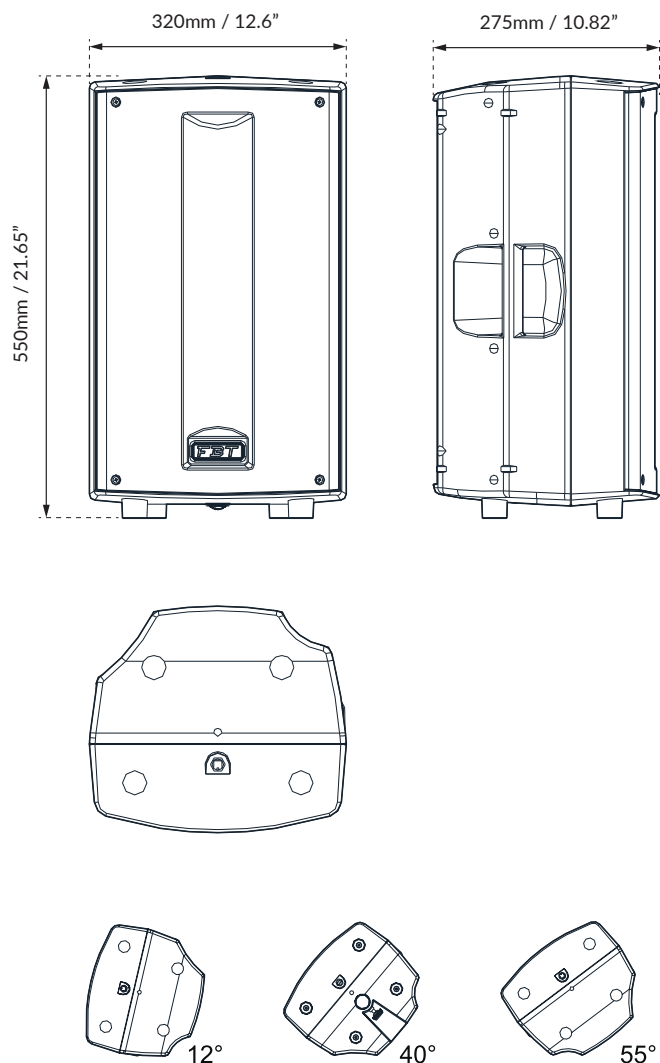
### MECHANICAL SPECIFICATIONS

Material		Polypropylene
Net dimensions (WxHxD)	mm	320 x 550 x 275
	inch	12.6 x 21.65 x 10.82
Transport dimensions (WxHxD)	mm	395 x 640 x 350
	inch	15.55 x 25.20 x 13.78
Net weight	kg	13
	lb	28.66
Transport weight	kg	14.80
	lb	32.62

\* 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

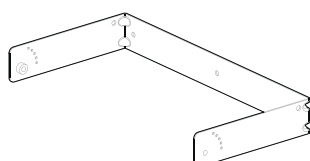
## DIMENSIONAL DRAWING



## CONTROL PANEL



## ACCESSORIES



### BOX-127

#### Horizontal Wall Bracket

Code: 33328

556 x 70 x 268mm

21.88 x 2.75 x 10.55inch

2 kg / 4.40 lb