Wall Mounting Speaker

MAIN FEATURES

- 2-way bass reflex
- 5" low frequency woofer with 1" coil
- 1" high frequency driver dome
- Recommended amplifier 100W RMS
- Input connector Euroblock 2-pin
- Integrated wall mounting support
- Cabinet in ABS with a front metal grille
- EN54-24 certification / Type A - IP21C
- Avaible in black and white color

DESCRIPTION

The PROJECT 550 series, made of ABS with a front metal grille, uses a compact two-way system guaranteeing high performances, wide dynamics, high fidelity sound reproduction and high voice intelligibility. These speaker units are equipped with an exclusive fullt adjustable support bracket for easy installation, to cut costs and save installation time. The bracket may be attached to the wall prior to installing the loudspeaker and is provided with a safety cable. Connection to the loudspeakers is via plug in Euroblock 2 pin connector and adjustment of loudspeaker output is made via screwdriver adjustable switch.

EN 54-24:2008

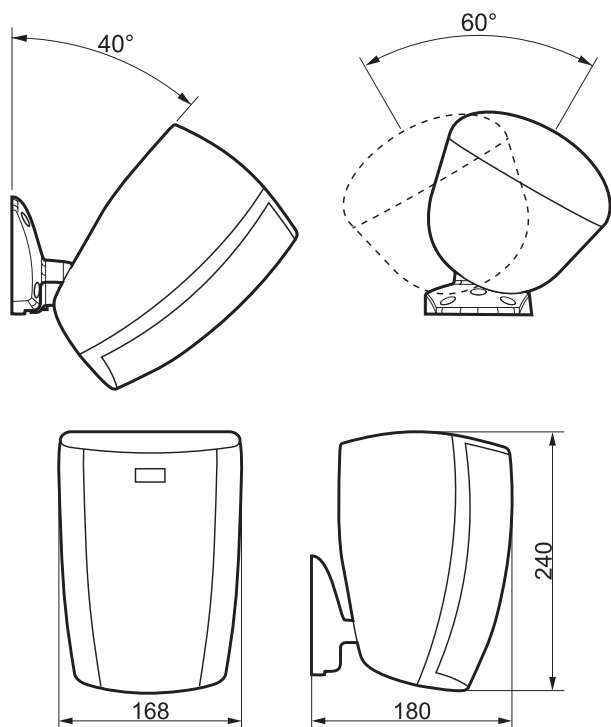**EN 54-24:2008 / Type A - IP21C**
Cert. & DoP | nr. 0068-CPR-196/2024
Loudspeaker for voice alarm system for fire detection and fire alarm system for building

Declaration of Performance (DoP) available on the website **www.fbt.it**

TECHNICAL SPECIFICATIONS

GENERAL

Configuration	way	2
Low frequency woofer	inch	5 - 1 coil
High frequency driver	inch	1 dome

ACOUSTIC SPEC.

Frequency response	(@-6dB)	110Hz - 20kHz	
MAX SPL	(@1m/4m)	104 / 92dB	
Sensitivity (bi-amp LF/HF)	(@1W/1m)	87dB	
Dispersion horizontal NARROW = WIDE SETTING	(-6dB)	500Hz	260°
		1kHz	100°
		2kHz	80°
		4kHz	80°
		8kHz	80°
Dispersion vertical	(-6dB)	500Hz	240°
		1kHz	140°
		2kHz	120°
		4kHz	80°
		8kHz	100°
Recommended HP filter	Hz - dB / oct.	100 - 24	

INPUTS & OUTPUTS

Input connectors		Euroblock 2-pin

AMPLIFIER

Recommended amplifier	W RMS	100
Rated noise power 100hrs (voltage)	W (V RMS)	50 (14.2)
Nominal impedance	Ohm	4
Nominal impedance 100V LINE	Ohm (W)	615 (16)
		310 (32)
		205 (48)
		155 (65)

MECHANICAL SPEC.

Code	Black	46318
	White	46319
Operating / Storage temperature		-25°C to + 55°C / -40°C to + 70°C
Relative umidity		< 95%
Material		ABS with front metal grille
Net size (WxHxD)	mm / inch	168 x 240 x 180 / 66.1 x 94.4 x 70.8
Net weight	kg / lb	2.80 / 6.17

ⓘ *External processing is recommended to improve sound balance and reliability of the transducers; settings available on fbt website products page.*

DIMENSIONAL DRAWINGS

40°

60°

240

168

180

CONTROL PANEL

The speaker can be connected to audio lines at constant voltage (100V / 70V) or with constant impedance (8 Ohm).

RATED NOISE POWER: 50W
RATED NOISE VOLTAGE: 100V
NOMINAL IMPEDANCE: 4 OHM
CE 24₃ UKCA

Cert. DOP:0068-CPR-196/2024 •EN 54-24:2008•TYPE A
IP21C
IP21C

FBT
550BT/EN
PROJECT
MADE IN CHINA

OFF — 50 W-4Ω
16W-100V
32W-100V
48W-100V
65W-100V
70V= ½ PWR

RATED NOISE POWER: 50W
RATED NOISE VOLTAGE: 100V
NOMINAL IMPEDANCE: 4 OHM
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IP21C
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FBT
550WHT/EN
PROJECT
MADE IN CHINA

OFF — 50 W-4Ω
16W-100V
32W-100V
48W-100V
65W-100V
70V= ½ PWR

FREQUENCY RESPONSE

dB SPL
96
93
90
87
84
81
78
75
72
69
66
63
60
50   100   200   500   1k   2k   5k   10k   20kHz
LEAP

LOUDSPEAKER PHYSICAL REFERENCES

REFERENCE AXIS

REFERENCE PLANE

HORIZONTAL PLANE

FBT S.p.A. strive to improve their products continuously, and therefore reserve the right to make changes to the drawings and technical specifications at any time and without notice.