

All Weather Speaker



MAIN APPLICATIONS

- Theme and Amusement parks
- Outdoor entertainment centers
- Multipurpose indoor / outdoor venues
- Background music
- Athletic fields
- Swimming pools
- Convention centers
- Cruise ship
- Stadiums / Arenas

MAIN FEATURES

- Multipurpose 5" full-range 120W - 8Ohm / 112dB SPL
- 2 way configuration with an high power 5" cone
- 1" dome for high frequencies
- 100V line transformer with selectable 50W power tapping
- Die-cast aluminium wall bracket with ball-socket for multi-angle adjustment capability, with a security cable
- 4 wires cable to select the desired power tapping
- Water-stop grille with 3 layers of protection
- IP55 weather resistant
- Standard grey finish RAL 7011



DESCRIPTION

The FBT SHADOW 105T is a weatherproof two way loudspeaker system designed to provide high quality voice and music reproduction in applications requiring extreme weather resistance. It is designed to withstand long-term exposure to tough, environmental conditions. The low frequency transducer is a 5" woofer with a 1" voice coil. The FBT SHADOW 105T features a line transformer for 100V applications with selectable power tapping. The enclosure is constructed from high-quality ABS, fully UV protected, and supplied with a die-cast aluminium wall bracket featuring a ball-socket for multi-angle adjustment capability, including a safety cable for secure mounting. The loudspeaker is finished in standard grey RAL 7011 and fitted with an aluminium water-stop grille with three protective layers, providing complete protection against rain, dust, and other environmental agents. The system is IP55 weather-resistant, making it ideal for outdoor installations.

TECHNICAL SPECIFICATIONS

GENERAL

Code	RAL 7011	36192
Configuration	way	2
Low frequency woofer	inch	5 - 1 coil
High frequency driver	inch	1 dome
Transformer	V / W	100 / 50

ACOUSTIC SPECIFICATIONS

Frequency response (@-6dB)	Hz	90 - 20k
Sensitivity (@1W/1m)	dB	89
MAX SPL (cont/peak)	dB	109 / 112
Dispersion	H° x V°	100
Crossover frequency	Hz	3k
Recommended HP filter	Hz - dB oct	70 - 24

INPUTS & OUTPUTS

Input connectors		4 wire cable
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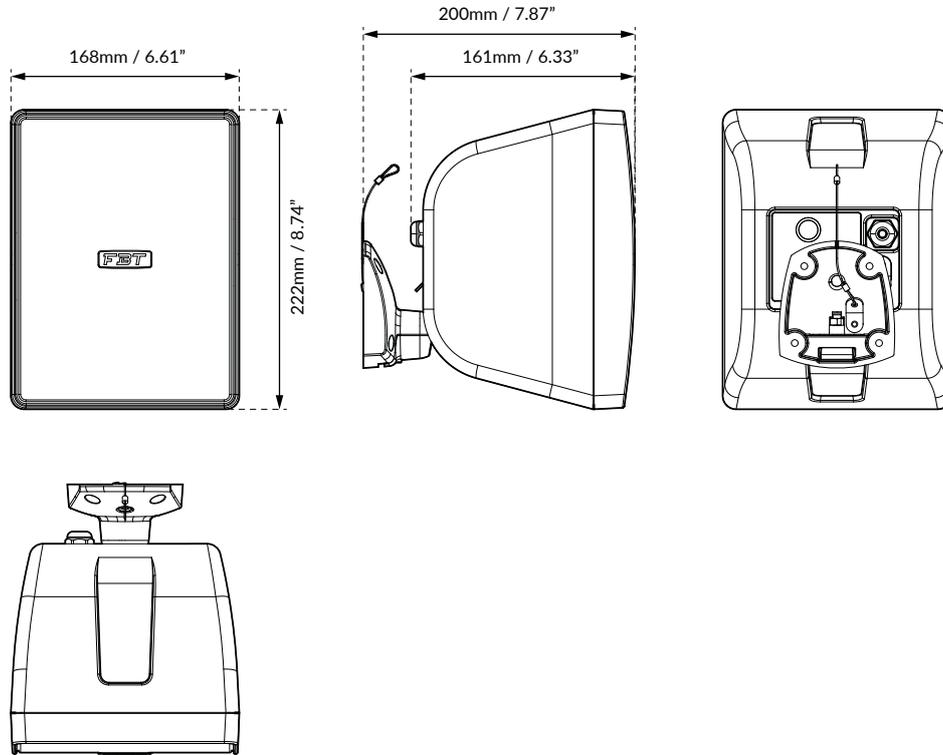
AMPLIFIER

Recommended amplifier	W RMS	120
Long term power	W	60
Short term power (IEC 268-5)	W	240
Nominal impedance	Ohm	8
Transformer taps	W	50 / 40 / 25 / 15

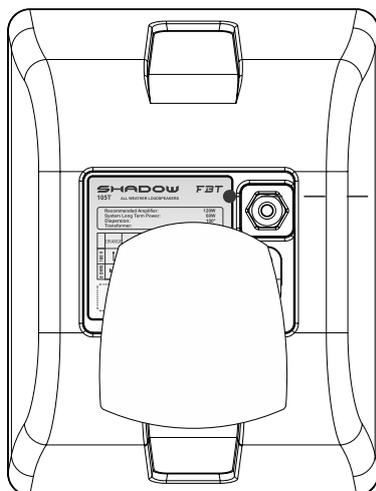
MECHANICAL SPECIFICATIONS

Material	Cabinet	ABS
	Grille	Aluminium
Net dimensions (WxHxD)	mm	168 x 222 x 200
	inch	6.61 x 8.74 x 7.87
Transport dimensions (WxHxD)	mm	258 x 300 x 235
	inch	10.15 x 11.81 x 9.25
Net weight	kg	3.10
	lb	6.83
Transport weight	kg	3.60
	lb	7.93

DIMENSIONAL DRAWING



CONTROL PANEL



SHADOW FBT
105T ALL WEATHER LOUDSPEAKERS

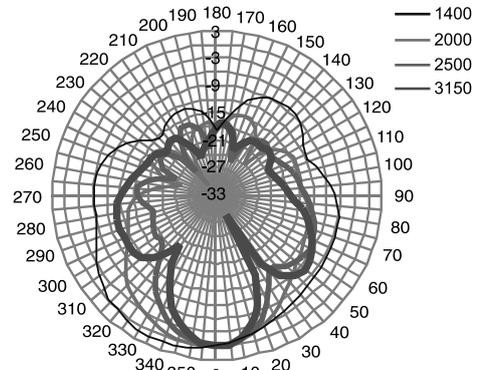
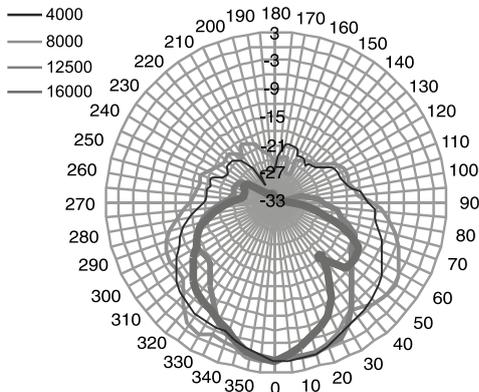
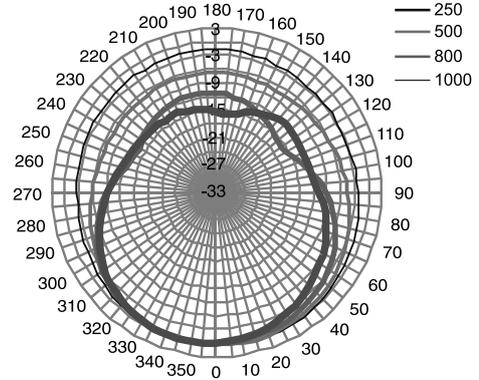
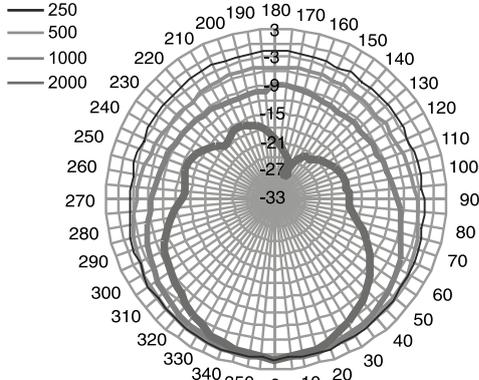
Recommended Amplifier: 120W
System Long Term Power: 60W
Dispersion: 100°
Transformer: 100V / 50W

	ORANGE	RED	YELLOW	GREEN	BLUE	BROWN	BLACK
100 V	↑ link ↑	IN + 15W	IN + 25W	IN + 40W	IN + 50W	IN - com	
8 OHM	IN +	nc	nc	nc	nc	nc	IN -

MADE IN P.R.C.
ENGINEERED IN ITALY by
FBT ELETTRONICA SpA

HORIZONTAL POLAR DIAGRAM

VERTICAL POLAR DIAGRAM



FREQUENCY RESPONSE DIAGRAM

