

IP55

ALL WEATHER LOUDSPEAKERS

MAIN APPLICATIONS

Permanent installations in:

- Theme and Amusement parks
- Outdoor Entertainment centers
- Multipurpose indoor/outdoor venues
- Background music
- Athletic fields
- Swimming pools
- Convention centers
- Cruise ships
- Stadium, Arenas



MAIN FEATURES

- 2-way
- Sturdy molded polyethylene curved enclosure
- 5" woofer with 1" coil
- 1" HF driver
- 100V line transformer
- 7 wires cable to select the power tapping
- IP55 weather resistant
- Standard black finish
- Designed and engineered in Italy

DESCRIPTION

The FBT SHADOW 105T/EN 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 70-100V applications with selectable power tapping.

The cabinet is a single piece rotational moulded in polyethylene, fully UV protected. The cabinet is equipped with a die cast aluminum wall bracket with ball-socket for multi angle adjustment capability.

The FBT SHADOW 105T meets the requirements of IP55 code (International Protection Rating).

TECHNICAL SPECIFICATIONS

GENERAL

Configuration	way	2
Low frequency woofer	inch	5 / 1 coil
High frequency driver	inch	1
Transformer		100V / 50W

ACOUSTICAL SPEC.

Frequency response	@-6dB	90Hz - 20kHz
Max SPL (cont / peak)	dB	109 / 112
Dispersion		100°
Crossover frequency	kHz	3
Recommended HP filter		70Hz - 24dB oct.
Sensitivity (@1W, 1m)	dB	89

AMPLIFIER

Recommended amplifier	W rms	120
System long term power	W	60
System short term power (IEC 268-5)	W	240
Nominal impedance	Ohm	8

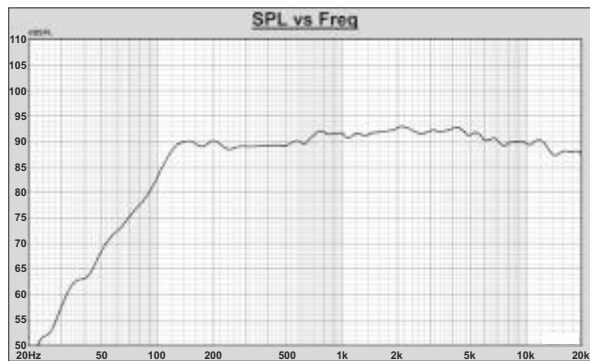
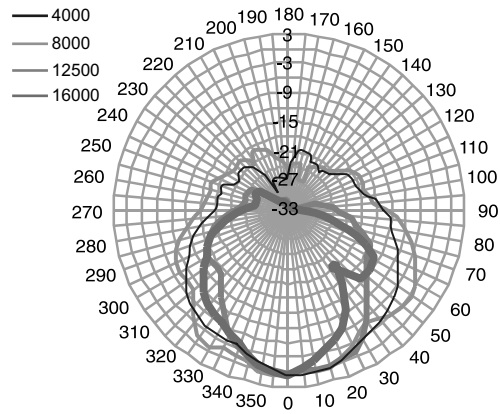
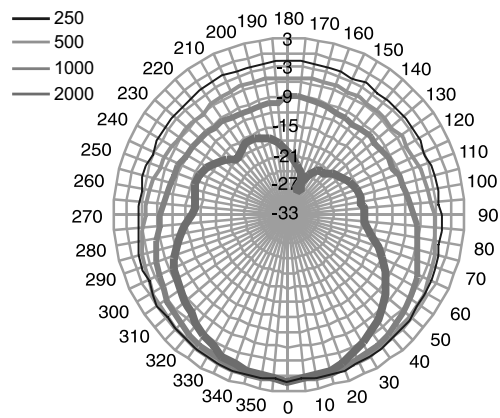
INPUTS / OUTPUTS

Input connectors		7 wire cable
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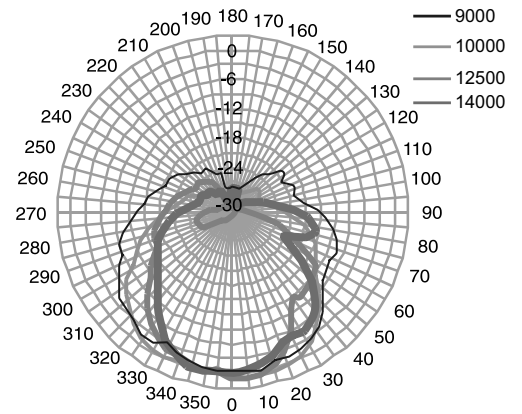
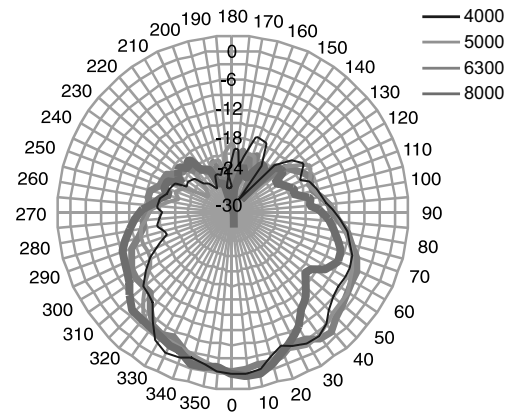
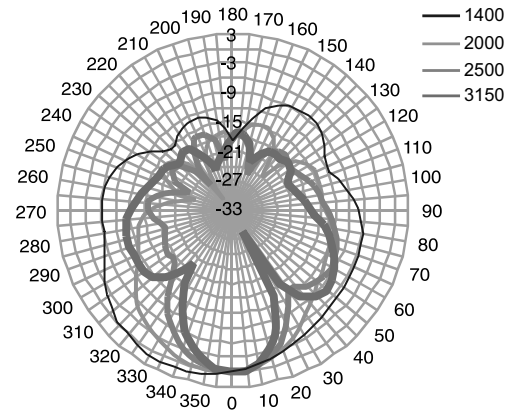
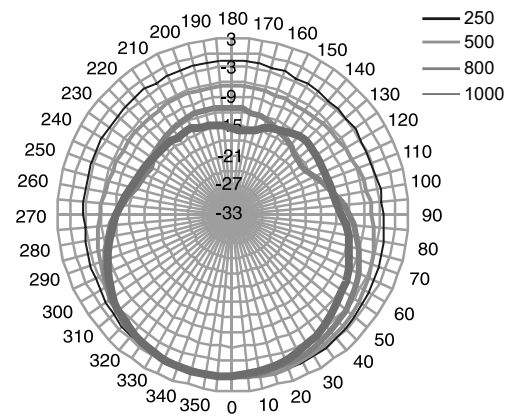
PHYSICAL

Enclosure material		Polyethylene rotomoulded
Grille		Custom perforated stainless steel
Net dimensions (W x H x D)	inch	6.61 x 8.74 x 7.87
Shipping dimensions (W x H x D)	inch	10.03 x 11.02 x 8.85
Net weight	lbs	7.7
Shipping weight	lbs	9.5

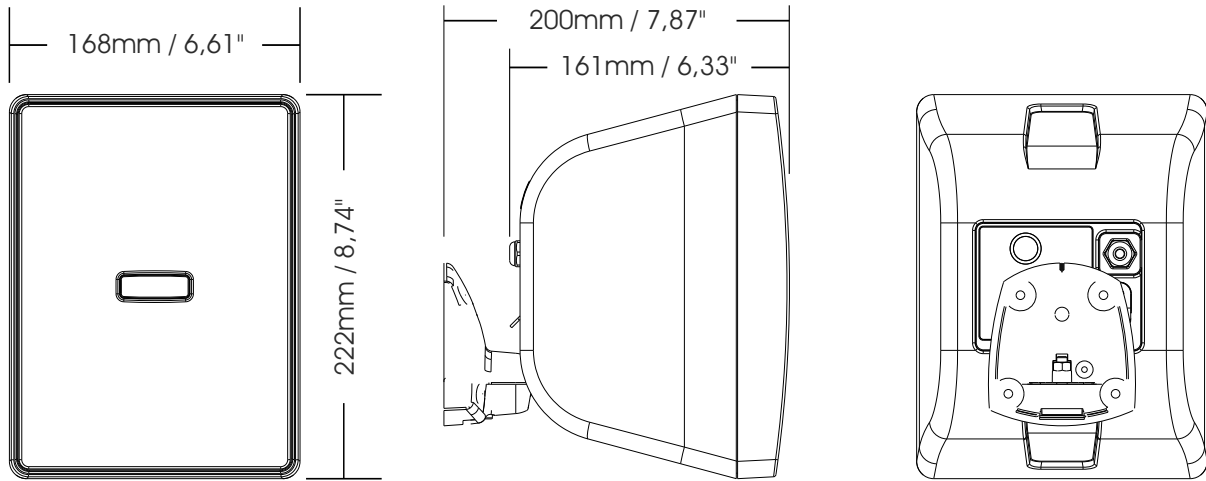
HORIZONTAL POLAR DIAGRAM



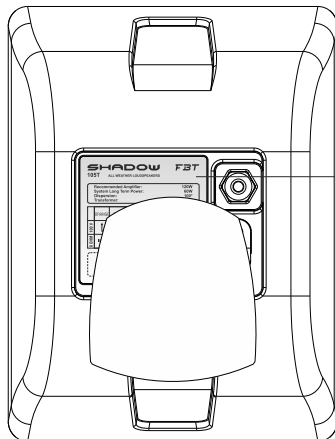
VERTICAL POLAR DIAGRAM



DIMENSIONAL DRAWING



TECHNICAL SPECIFICATIONS LABEL



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	
50 OHM	IN +	nc	nc	nc	nc	nc	IN -

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