



# SHADOW 105T / EN

## MULTIPURPOSE 5" FULL RANGE

IP55



EN 54-24:2008

CERTIFICATE OF CONSTANCY OF PERFORMANCE  
n. 0068/CPR/011-2019

ATTESTATION OF CONFORMITY  
n. CPR/181446\_1-1-2019  
EN 60529:1991-10



ENGINEERED IN ITALY by FBT Elettronica SpA

### KEY FEATURES

- 2-way configuration
- Rotomoulded enclosure in polypropylene
- 5" cone and 1" dome for high frequencies
- 100V line transformer
- 4 wires cable to select the power tapping
- IP55 weather resistant
- Standard black color

### PRODUCT DESCRIPTION

The FBT SHADOW 105T/EN is a weatherproof two way loudspeaker system offering substantial power and efficiency for a variety of professional indoor or outdoor applications. The low frequency transducer is a 5" woofer with a 1" voice coil. The high frequency section is a 1" dome tweeter with 100° x 70° coverage. The FBT SHADOW 105T/EN features a standard 100V line transformer with selectable power tapping. The cabinet is a single piece rotational moulded in polypropylene, fully UV protected. The FBT SHADOW 105T/EN is internal equipped with ceramic terminal block and thermal fuses ensuring the continued operation of loudspeakers in the event of a fire; in addition all connections use flame-retardant cabling which adheres to the EN50200 standard (with IP68 airtight cable glands). The cabinet is equipped with a die-cast aluminum wall bracket with ball-socket for multi angle adjustment capability with a security cable.. The grille is in custom perforated stainless steel with 3 layers of protection. The FBT SHADOW 105T/EN meets the requirements of IP55 code (International Protection Rating).

### APPLICATIONS

- Convention centers
- Athletic fields
- Stadiums
- Theme parks
- Swimming pools
- Cruise ships
- Malls
- Ballrooms
- Outdoor background music

### TECHNICAL SPECIFICATIONS

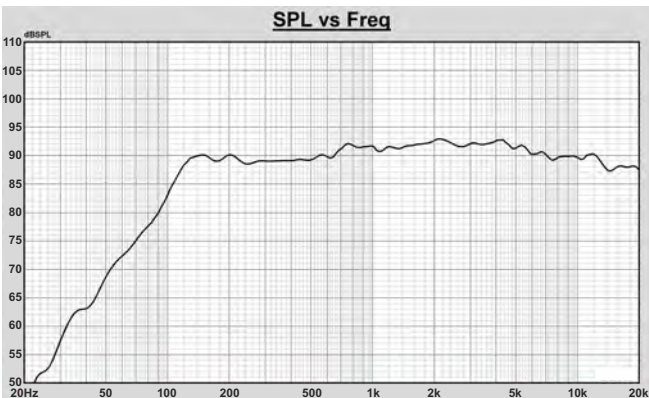
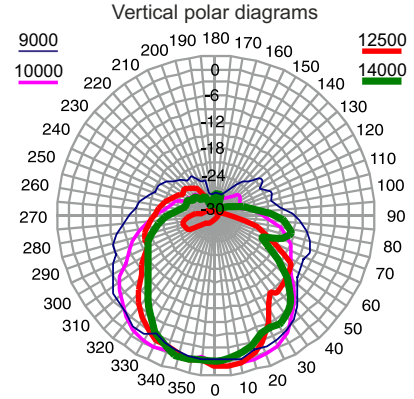
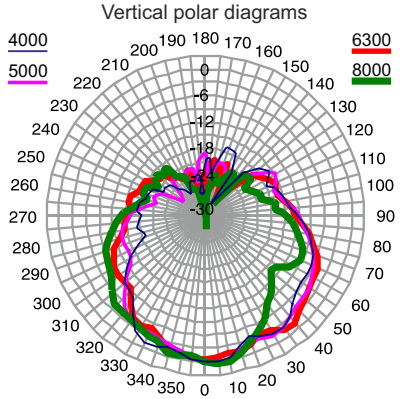
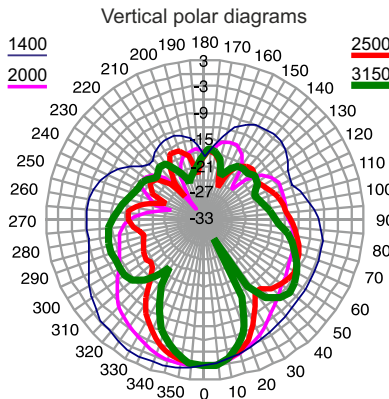
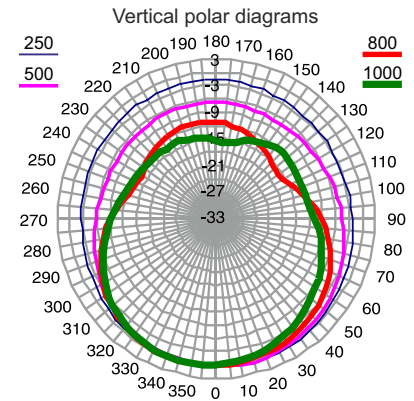
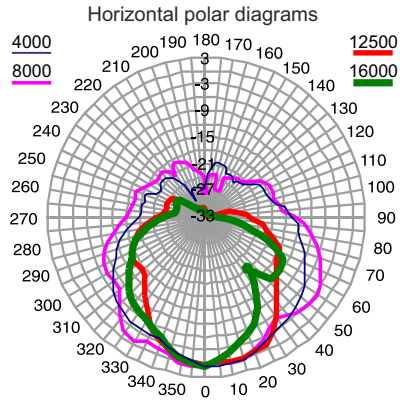
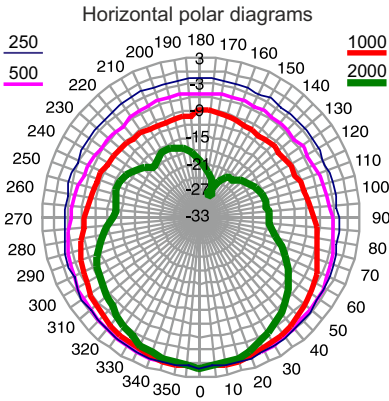
Configuration	2 Ways
Recommended amplifier	100 W RMS
Rated noise power 100 hrs (voltage)	50 W (20 V)
System short term power IEC268-5	200 W
Nominal impedance 100V line	200 Ohm 50W / 400 Ohm 25W
Frequency response (@-6dB)	100Hz - 18kHz
Sensitivity (@1W / 1m)	87,5dB
Max. SPL (1m / 4m)	104dB / 92dB
Crossover frequency	3kHz
Recommended HP Filter	80Hz - 24dB oct.
Dispersion Horizontal (-6dB)	500Hz: 180° 1kHz: 140° 2kHz: 80° 4kHz: 95°
Dispersion Vertical (-6dB)	500Hz: 160° 1kHz: 110° 2kHz: 70° 4kHz: 40°
Operating / Storage temperature	-25°C to +55°C / -40°C to +70°C
Relative umidity	<95%

### PHYSICAL SPECIFICATIONS

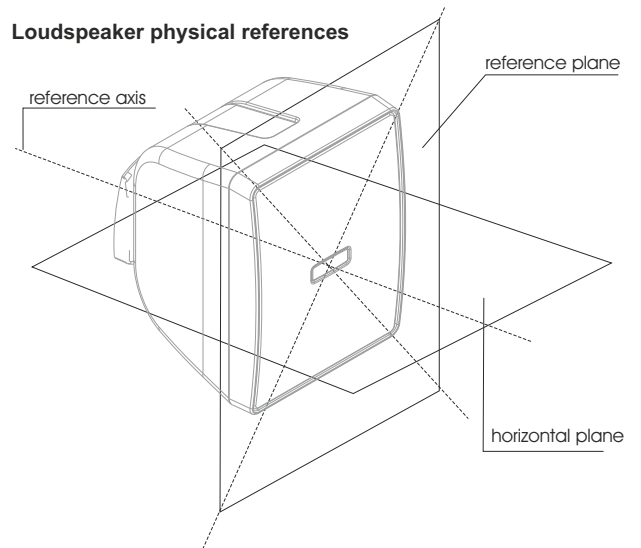
Low frequency woofer	1 x 5" / 1" coil
High frequency driver	1 x 1" dome
Input connectors	7 wire cable
Net dimensions (WxHxD)	6,61 x 8,74 x 7,87 inch
Shipping dimensions (WxHxD)	9,84 x 11,81 x 11,02 inch
Net weight	7,7 lbs
Shipping weight	9,9 lbs
Enclosure material	Polypropylene



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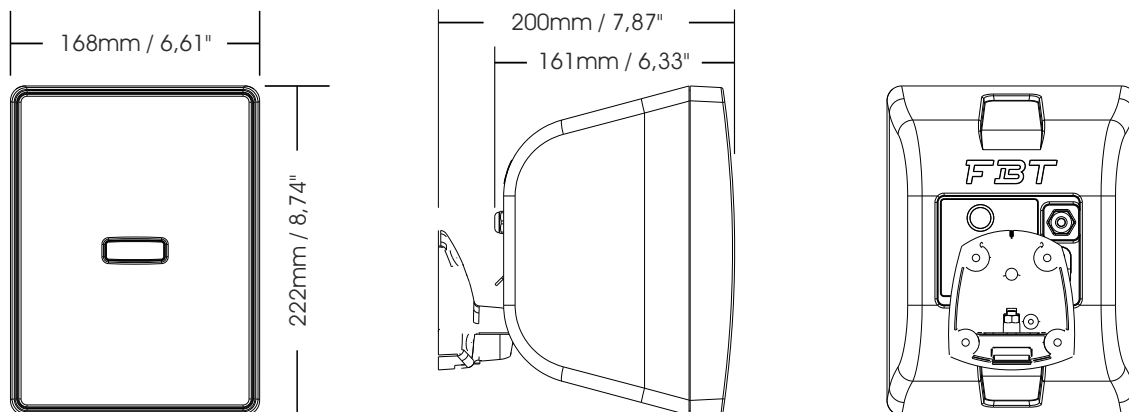
## Loudspeaker physical references



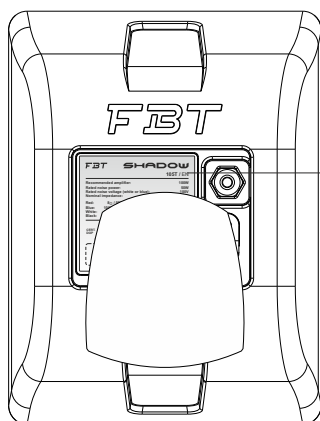


# SHADOW 105T / EN

## DIMENSIONAL DRAWINGS



## TECHNICAL SPECIFICATIONS LABEL



<b>FBT SHADOW</b>	
105T / EN	
Recommended amplifier:	100W
Rated noise power:	50W
Rated noise voltage (white or blue):	100V
Nominal impedance:	8 Ohm (red)
Red:	8Ω / 50W
Blue:	100V / 50W 70V half pwr
White:	100V / 25W 70V half pwr
Black:	COM
IP 55 TYPE B	
CERT. DOP 0068 - CPR - 011/2019	EN 54 - 24:2008
ENGINEERED IN ITALY by FBT Elettronica SpA	
MADE IN CHINA	
CODE: 40646	CE 19

## INSTALLAZIONE

