



SHADOW

112HC (112HCT)

APPLICATIONS

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

KEY FEATURES

- 2-way high performance 12" coax
- Sturdy molded polyethylene curved enclosure
- 12" woofer with 2.5" coil
- 1" HF driver with 1.7" coil
- Line transformer (model 112HCT)
- 4 wires cable to select the power tapping
- IP55 weather resistant
- Standard grey finish
- Completely manufactured in Italy

ALL WEATHER LOUDSPEAKERS



Designed, Engineered
and Manufactured in ITALY

PRODUCT DESCRIPTION

The SHADOW 112HC is a weatherproof coaxial two way loudspeaker system offering substantial power and efficiency for a variety of professional indoor or outdoor applications. The low frequency transducer is a 12" woofer with a 2.5" voice coil. The high frequency section is a 1" driver with 1.7" voice coil on 90°x60° rotatable horn. The SHADOW 112HCT features a line transformer for 70-100V applications. The cabinet is a single piece rotational moulded in polyethylene, fully UV protected. The cabinet is equipped with a stainless steel U-bracket. The grille is in custom perforated stainless steel with 3 layers of protection. The SHADOW 112HC meets the requirements of IP55 code (International Protection Rating) .

ELECTRONIC SPECIFICATIONS

System Type	2 Way
Recommended Amplifier	600W RMS
System Long Term Power	300W
System Short Term Power (IEC 268-5)	1200W
Transformer (optional)	100V / 200W/100W
Nominal Impedance	8 Ohm
Frequency Response	95Hz - 20kHz (@-6dB)
Sensitivity	101dB (@1W, 1m)
Max SPL (cont/peak) (bi-amp)*	128dB / 132dB
Dispersion	90°H x 60°V
Crossover Frequency	1.6kHz
Recommended HP Filter	70Hz - 24dB oct.

PHYSICAL SPECIFICATIONS

Low Frequency Woofer	12" / 2.5" coil
High Frequency Driver	1" / 1.7" coil
Input Connectors	4 wire cable
Net Dimensions (WxHxD) inch	16.92 x 16.92 x 15.74
Shipping Dimensions (WxHxD) inch	20.86 x 20.86 x 19.68
Net Weight	46.3 lbs
Shipping Weight	50.7 lbs
Enclosure Material	Polyethylene rotomoulded
Grille	Custom perforated stainless steel

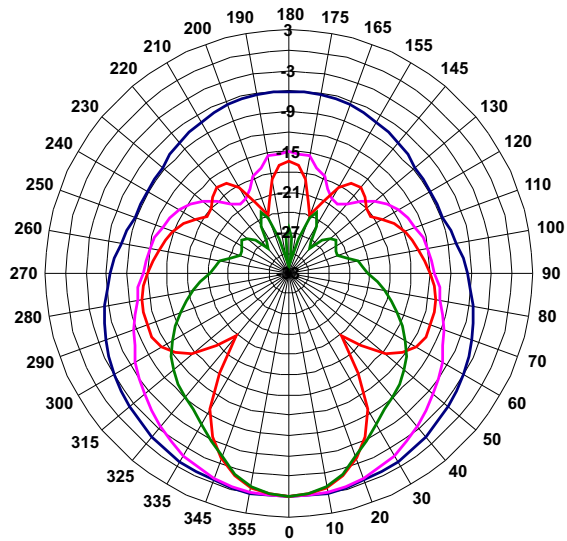
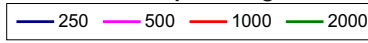
* CONT. SPL: free space, based on recommended amp rating and LF transducer average sensitivity data, 125mS time average
PEAK SPL: free space, based on short term applicable power rating and system peak sensitivity, 10mS time average



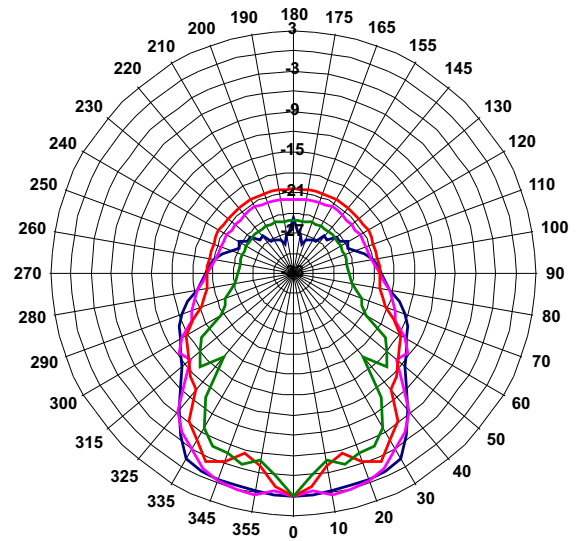
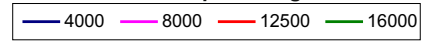
SHADOW 112HC

DIAGRAMS

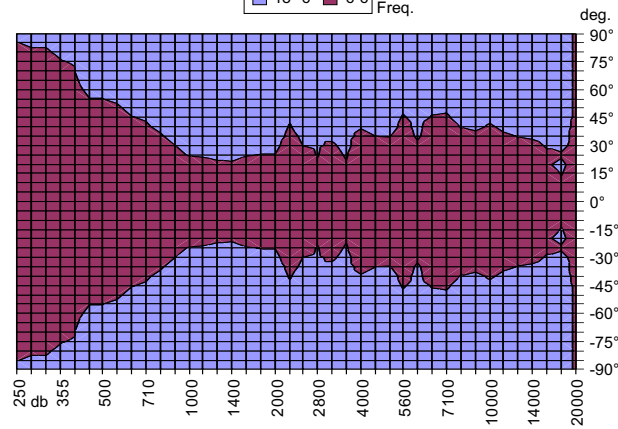
Horizontal polar diagram



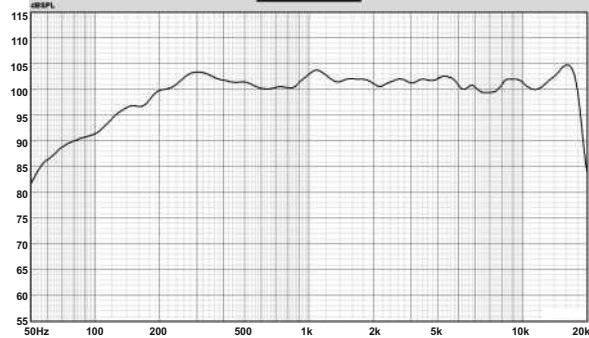
Horizontal polar diagram



Horizontal coverage



SPL vs Freq

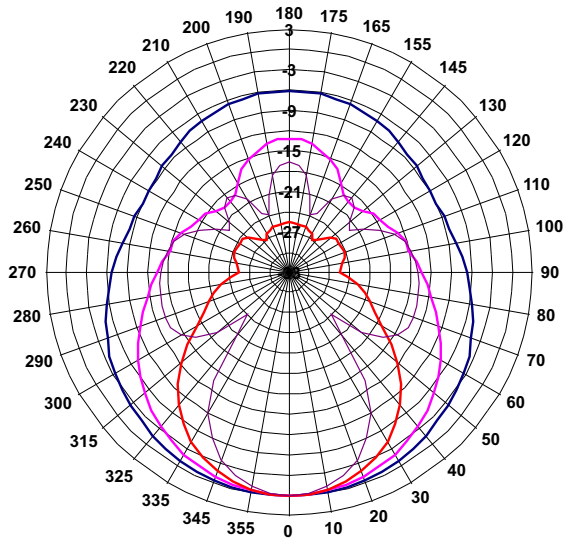
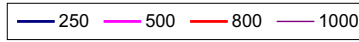




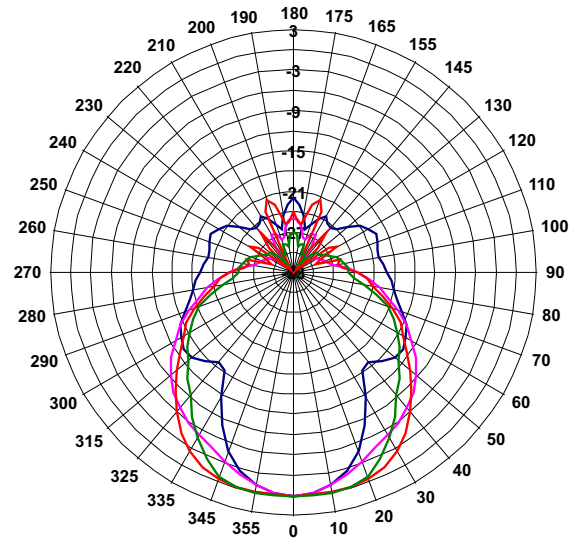
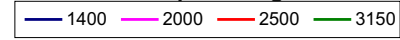
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DIAGRAMS

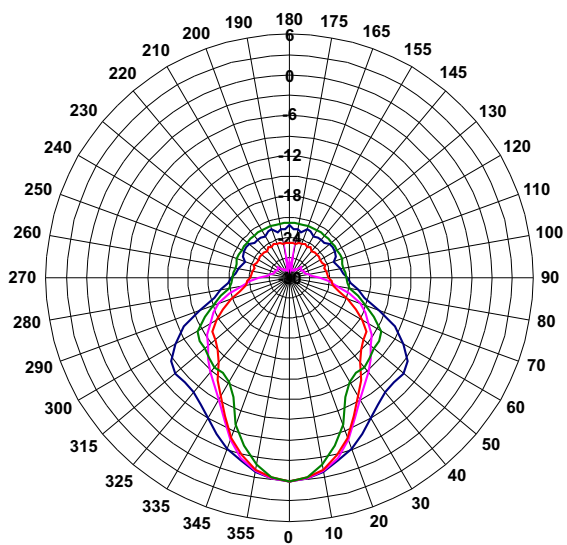
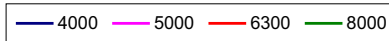
Vertical polar diagram



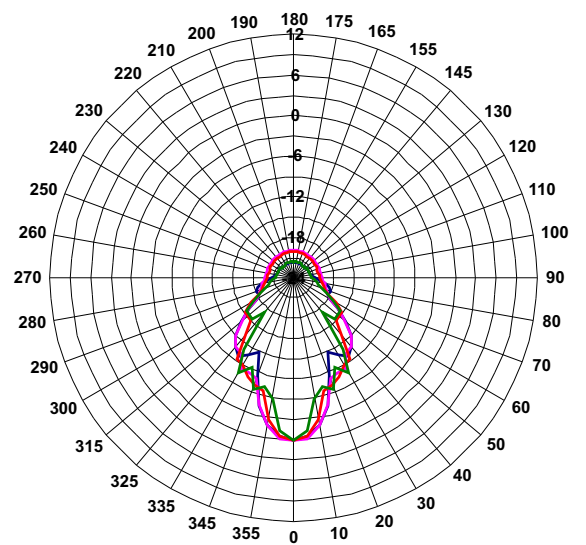
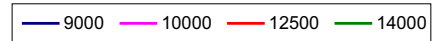
Vertical polar diagram



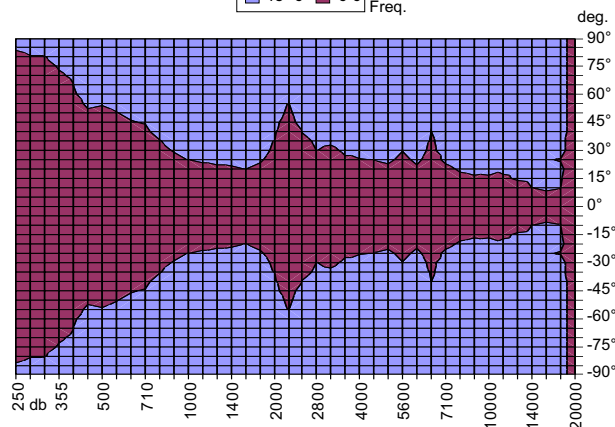
Vertical polar diagram



Vertical polar diagram



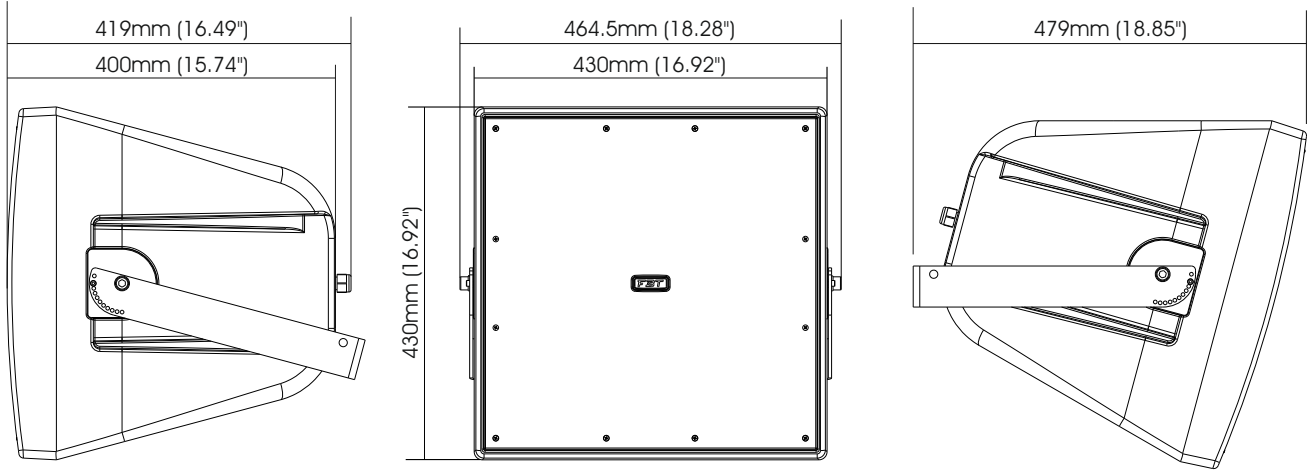
Vertical coverage



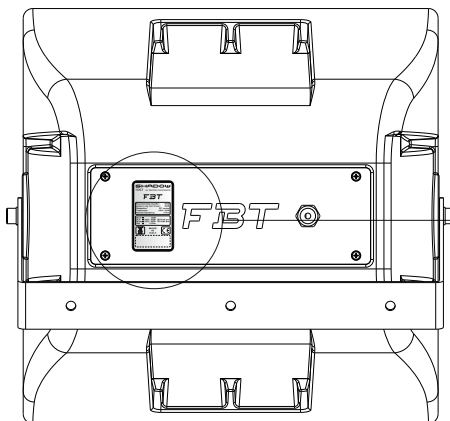


SHADOW 112HC

DIMENSIONAL DRAWINGS



TECHNICAL SPECIFICATIONS LABEL



SHADOW
112HCT ALL WEATHER LOUSPEAKERS

FBT

Recommended Amplifier: 600W
System Long Term Power: 300W
Dispersion: 90° x 60°
Transformer: 100V / 200W
Nominal Impedance: 8 Ohm

Black - COM
Blue - 100V / 200W 70V=half pwr
Brown - 100V / 100W 70V=half pwr
Red - 8 Ohm

MADE IN ITALY

CE

SUPPLIED ACCESSORY

