



All Weather Speaker

MAIN APPLICATIONS

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

MAIN FEATURES

- 2-way high performance 12" coax
- 12" woofer with 2.5" coil
- 1" HF driver with 1.7" coil
- Line transformer (optional)
- Sturdy molded polyethylene curved enclosure
- Stainless steel U bracket and other included hardware accessories
- 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 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 enclosure is constructed from sturdy molded polyethylene, fully UV protected, with a curved design and supplied with a stainless-steel U bracket. The loudspeaker is finished in standard grey RAL 7011 and fitted with a stainless-steel 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	112HC	36195
	112HCT	37885
Configuration	way	2
Low frequency woofer	inch	12 - 2.5
High frequency driver	inch	1 - 1.7

ACOUSTIC SPECIFICATIONS

Frequency response	(@-6dB)	95Hz - 20kHz
Crossover frequency	kHz	1.6
Sensitivity (@1W,1m)	dB	101
MAX SPL (cont/peak)	dB	128 / 132
Dispersion	H x V	90° x 60°
Recommended HP filter	Hz - dB oct.	70 - 24

INPUTS & OUTPUTS

Connectors		4 wire cable
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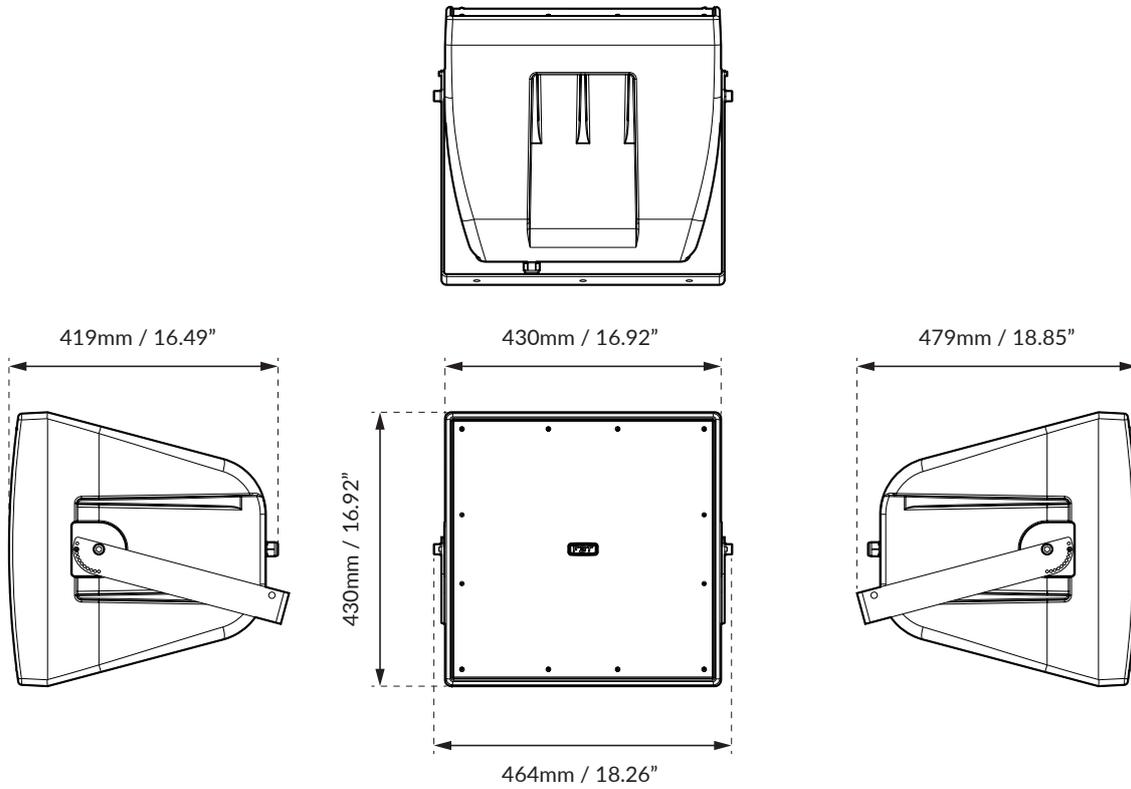
AMPLIFIER

Transformer (optional)	V / W	100 / 200 - 100
Recommended amplifier	W RMS	600
Long term power	W	300
Short term power (IEC 268-5)	W	1200
Nominal impedance	Ohm	8

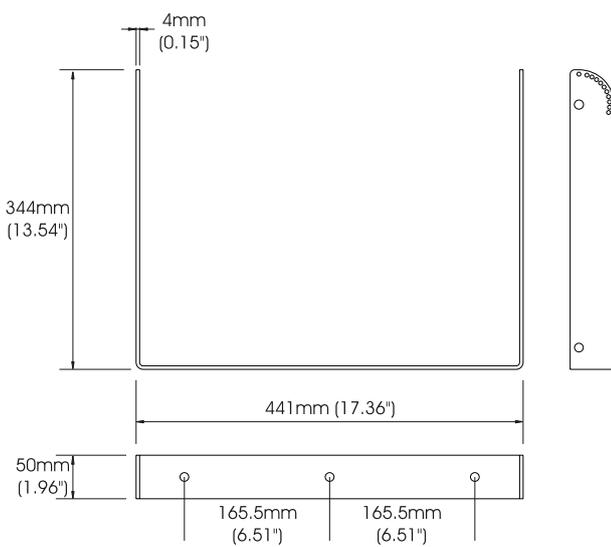
MECHANICAL SPECIFICATIONS

Material	Cabinet	Polyethylene
	Grille	Stainless steel
Net dimensions (WxHxD)	mm	464 x 430 x 479
	inch	18.27 x 16.93 x 18.86
Transport dimensions (WxHxD)	mm	585 x 590 x 510
	inch	23.03 x 23.23 x 20.08
Net weight (with transformer)	kg	22.30 (23.60)
	lb	49.16 (52.02)
Transport weight	kg	25 (26.70)
	lb	55.11 (58.86)

DIMENSIONAL DRAWING

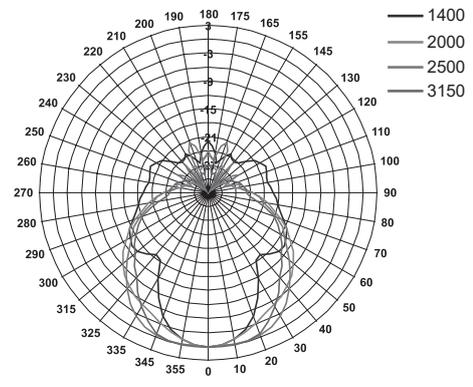
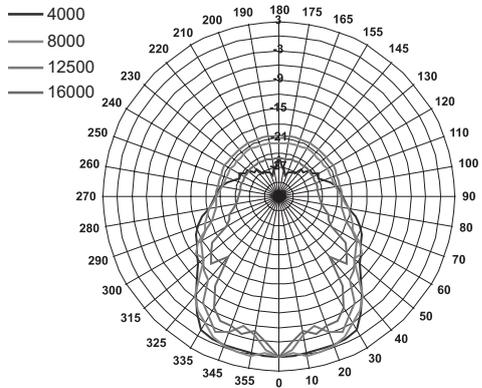
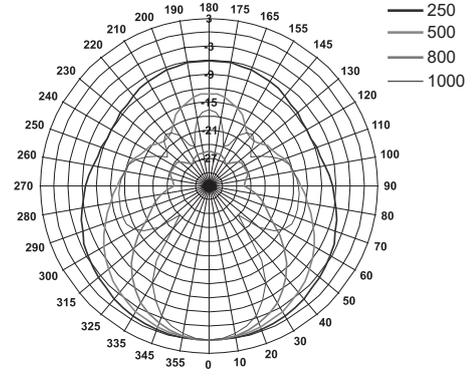
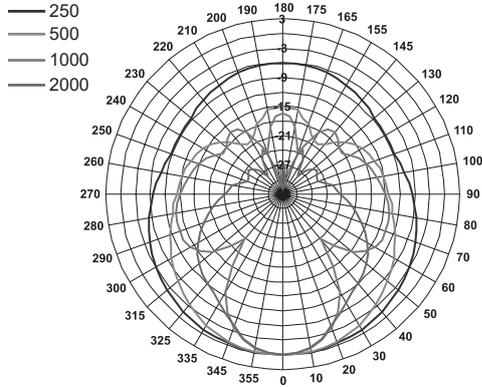


INCLUDED ACCESSORY



HORIZONTAL POLAR DIAGRAM

VERTICAL POLAR DIAGRAM



FREQUENCY RESPONSE DIAGRAM

