



SHADOW 142L / EN

14" LINE ARRAY SPEAKER SYSTEM

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



KEY FEATURES

- 2-way loudspeaker system
- 14" woofer with 3" coil
- 2 x 1,4" HF driver with 2,5" coil
- Rotomoulded enclosure in polypropylene
- Full UV protection
- IP55 weather resistant
- Standard black color
- Completely manufactured in Italy

PRODUCT DESCRIPTION

The FBT SHADOW 142L/EN is a weatherproof full range two way loudspeaker system offering substantial power and efficiency for a variety of professional indoor or outdoor applications. The low frequency transducer is a 14" woofer with a 3" voice coil. The high frequency section is a constant directivity horn loaded to 2 x 4" driver with a 2,5" coil. Line array configuration make the FBT SHADOW 142L/EN perfect for all indoor or outdoor installations where long throw full range sound reproduction is required. The cabinet is a single piece rotational moulded in polypropylene, fully UV protected. The FBT SHADOW 142L/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 water-stop grille is in custom perforated stainless steel with 3 layers of protection. The FBT SHADOW 142L/EN meets the requirements of IP55 code (International Protection Rating).

TECHNICAL SPECIFICATIONS

Configuration	2 Ways
Recommended amplifier	600 W RMS
Rated noise power 100 hrs (voltage)	250 W (44,5V)
System short term power IEC268-5	1200 W
Nominal impedance	8 Ohm
Frequency response (@-6dB)	63Hz - 20kHz
Sensitivity (@1W / 1m)	102dB
Max. SPL (1m / 4m)	126dB / 114dB
Crossover frequency	1,2kHz (opt. biamp)
Recommended HP Filter	40Hz - 24dB oct.
Dispersion Horizontal (-6dB)	500Hz: 100° 1kHz: 55° 2kHz: 70° 4kHz: 70°
Dispersion Vertical (-6dB)	500Hz: 100° 1kHz: 70° 2kHz: 30° 4kHz: 15°
Operating / Storage temperature	-25°C to +55°C / -40°C to +70°C
Relative umidity	<95%

APPLICATIONS

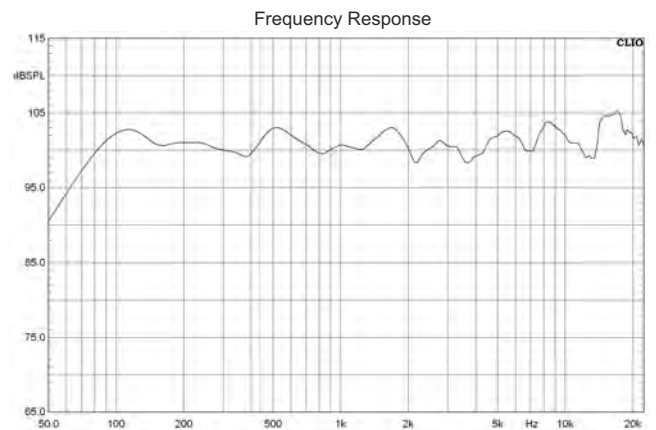
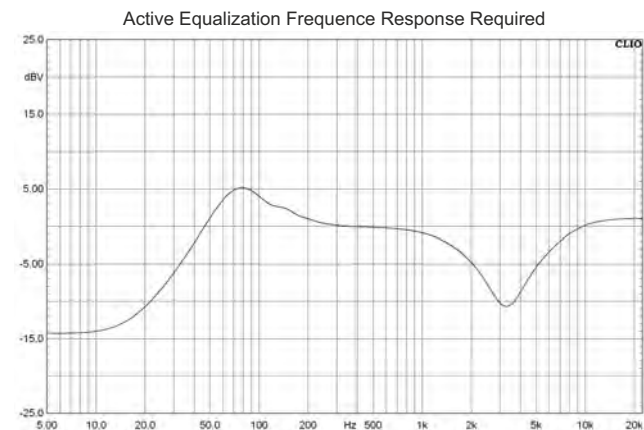
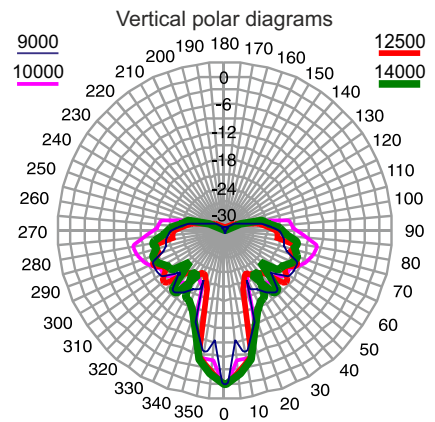
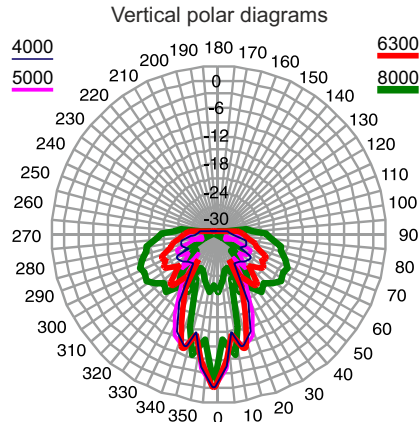
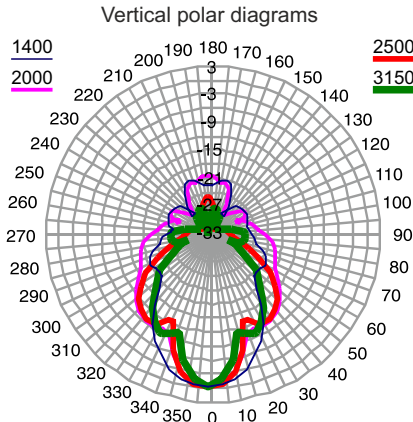
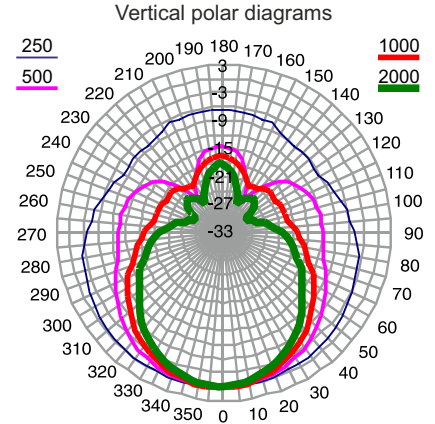
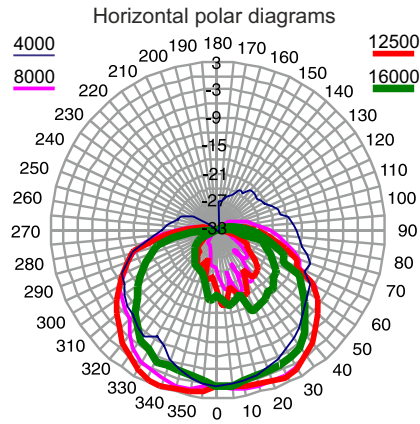
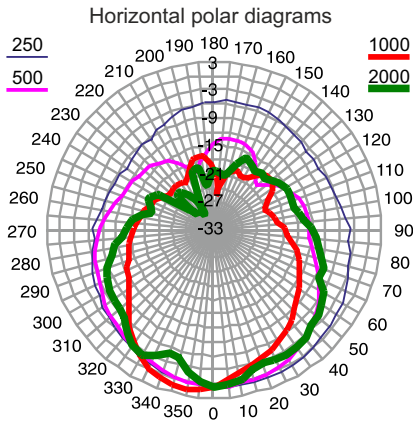
- Indoor or outdoor applications
- Convention centers
- Athletic fields
- Stadiums
- Theme parks
- Swimming pools

PHYSICAL SPECIFICATIONS

Low frequency woofer	1 x 14" / 3" coil
High frequency driver	2 x 1,4" / 2,5" coil
Input connectors	4 wire cable
Net dimensions (WxHxD)	24,21 x 16,92 x 16,33 inch
Shipping dimensions (WxHxD)	21,85 x 30,11 x 21,25 inch
Net weight	83,7 lbs
Shipping weight	88,2 lbs
Enclosure material	Polypropylene



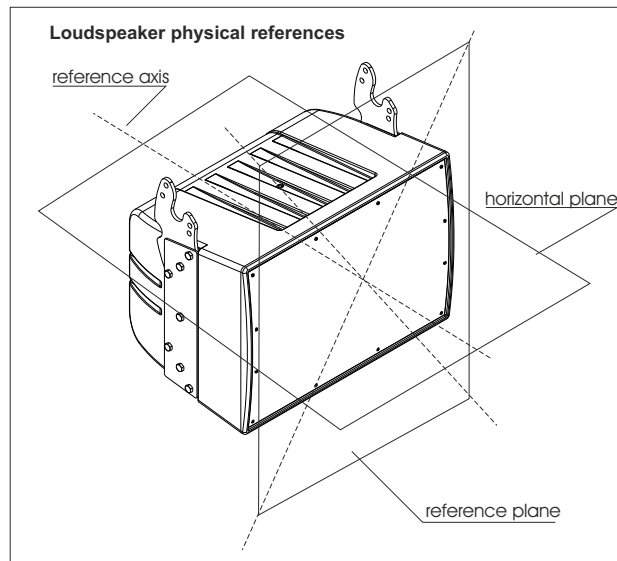
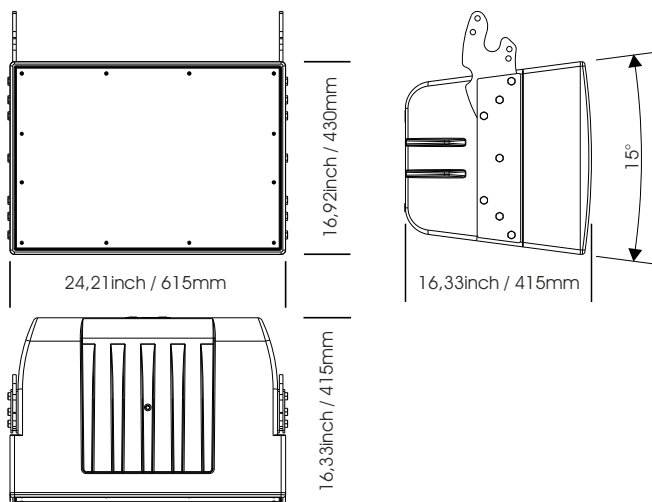
SHADOW 142L / EN





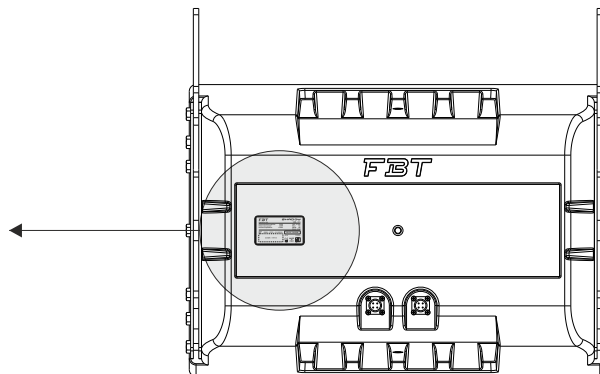
SHADOW 142L / EN

DIMENSIONAL DRAWINGS



TECHNICAL SPECIFICATIONS LABEL

FBT Elettronica SpA	SHADOW 142L / EN
Recommended amplifier: 600W	Red: 8 Ohm
Rated noise power: 250W	Blue: NC
Nominal impedance: 8 Ohm	White: NC
	Black: COM
CERT. DOP 0068 - CPR - 011/2019	EN 54 - 24:2008
CODE: 41913	IP 55 TYPE B
CE 19	MADE IN ITALY



SUPPLIED ACCESSORY

SW-F142
flying bar for rigging

