



## ALL WEATHER LOUDSPEAKERS

### MAIN APPLICATIONS

Permanent installations in:

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

### MAIN FEATURES

- 2-way loudspeaker system
- Sturdy molded polyethylene curved enclosure
- 14" woofer with 3" coil
- 2 x 1.4" HF compression driver with 2.5" coil
- IP55 weather resistant
- Standard grey finish
- Completely manufactured in Italy

### DESCRIPTION

The FBT SHADOW 142L is a weatherproof full range 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 14" woofer with a 3" voice coil. The high frequency section is a constant directivity horn loaded to 2x4" driver with a 2.5" coil.

Line array configuration make the FBT SHADOW 142L 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 polyethylene, fully UV protected. The water-stop grille is in custom perforated stainless steel with 3 layers of protection. The FBT SHADOW 142L meets the requirements of IP55 code (International Protection Rating).

## Line Array Speaker System



### TECHNICAL SPECIFICATIONS

#### GENERAL

Configuration	way	2
Low frequency woofer	inch	14 / 3 coil
High frequency driver	inch	2 x 1.4" / 2.5" coil

#### ACOUSTICAL SPEC.

Frequency response	@-6dB	60Hz - 20kHz
Max SPL (cont / peak)	dB	126.5 / 137
Dispersion		100° H x 15° V
Crossover frequency	kHz	1.2
Recommended HP filter		40Hz - 24dB oct.
Sensitivity (@1W, 1m)	LF / HF	dB 98 / 110

#### AMPLIFIER

Recommended amplifier	W rms	1000
System long term power	W	500
System short term power (IEC 268-5)	W	2000
Nominal impedance	Ohm	8

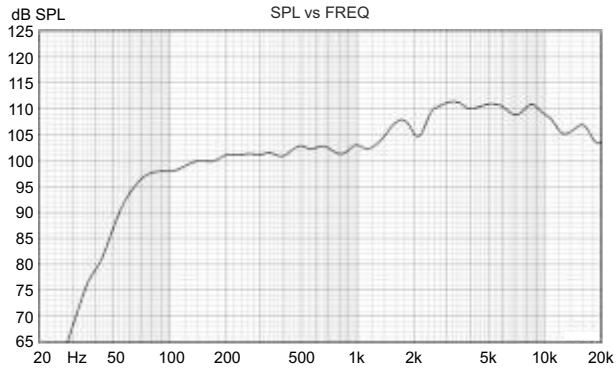
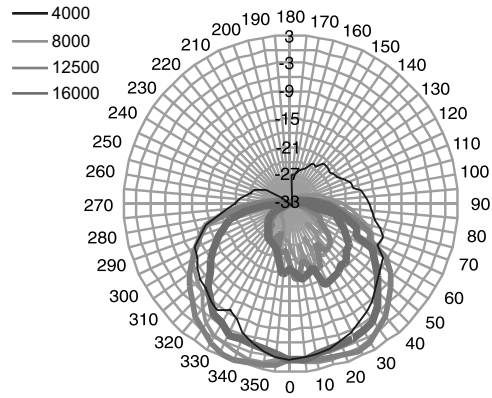
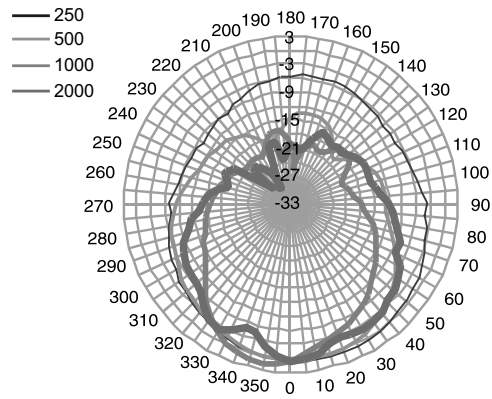
#### INPUTS / OUTPUTS

Input connectors		2 x souriau
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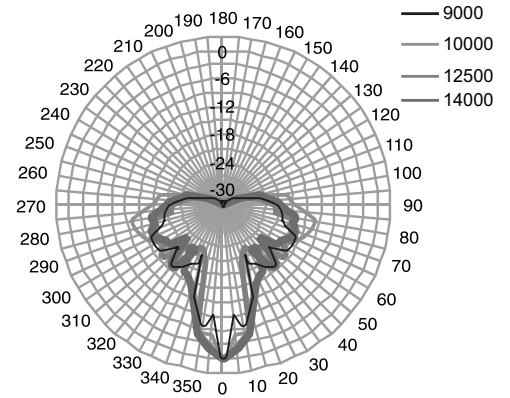
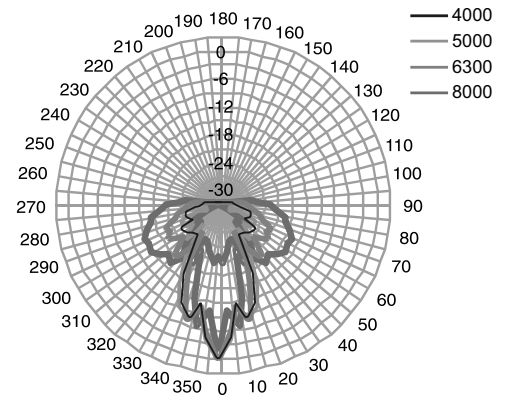
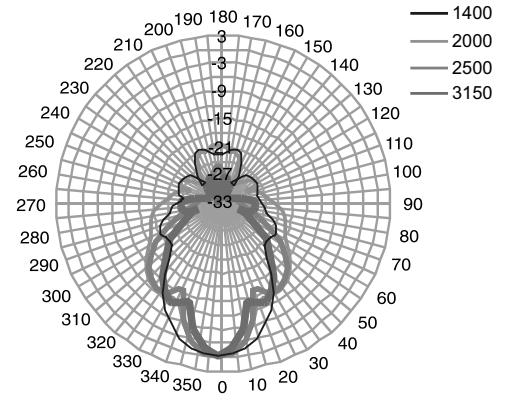
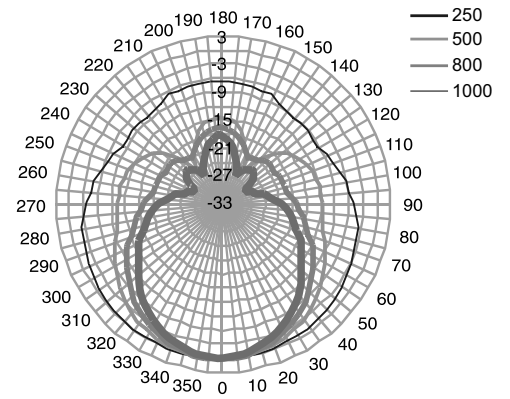
#### PHYSICAL

Enclosure material		Polyethylene rotomoulded
Grille		Custom perforated stainless steel
Net dimensions (W x H x D)	inch	24.21 x 16.92 x 16.33
Shipping dimensions (W x H x D)	inch	21.85 x 30.11 x 21.25
Net weight	lbs	83.5
Shipping weight	lbs	88

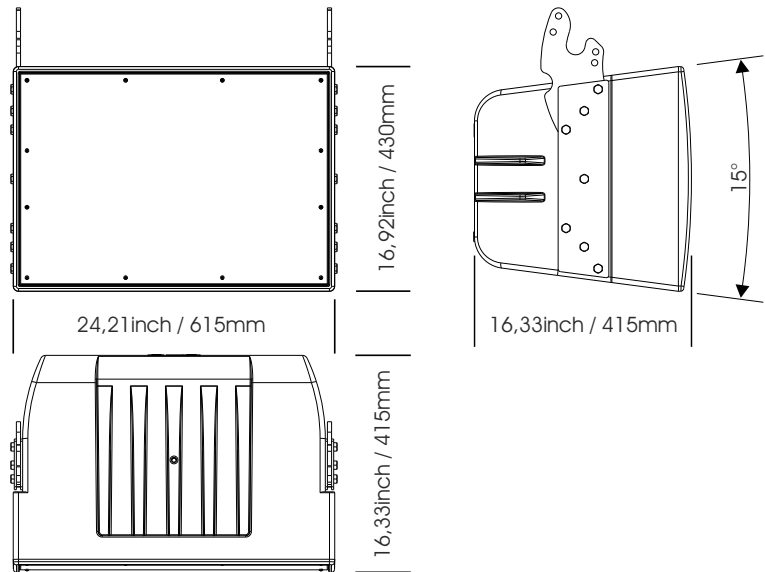
## HORIZONTAL POLAR DIAGRAM



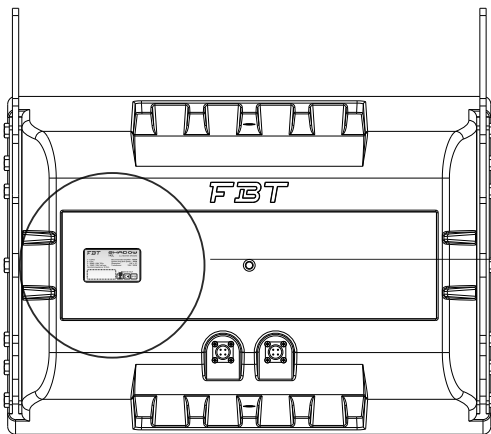
## VERTICAL POLAR DIAGRAM



## DIMENSIONAL DRAWING



## TECHNICAL SPECIFICATIONS LABEL



**FBT SHADOW 142L** ALL WEATHER SPEAKERS

1 - 8 Ohm	Recommended amplifier: 1000W
2 - Com	System long term power: 500W
3 - 300W / 100V 70V=	Dispersion: 100° x 15°
4 - 150W / 100V half pwr.	Transformer: 100V / 300W
Nominal impedance: 8 Ohm	

MADE IN ITALY

## SUPPLIED ACCESSORY

SW-F142  
flying bar for rigging

