

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

Line Array Speaker System



MAIN FEATURES

- 2-way loudspeaker system
- Sturdy molded polyethylene curved enclosure
- 14"wooferwith 3"coil
- 2x1.4" 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 2×4 " driver with a 2.5" coil.

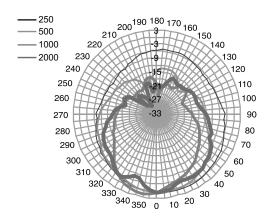
Line array configuration make the FBT SHADOW 142L perfect for all indoor or outdoor installations where long throwfull range sound reproduction is required.

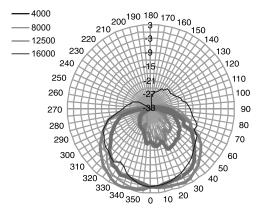
The cabinet is a single piece rotational moulded in polyethylene, fully UV protected. The water-stop grille is in custom perforated stainless steel with 3 layers of protection. The FBT SHADOW 142L meets the requirements of IP55 code (International Protection Rating).

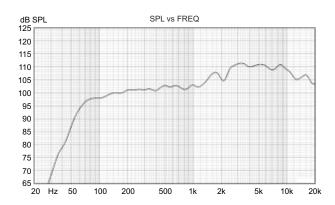
TECHNICAL SPECIFICATIONS

Configuration way 2 Lowfrequencywoofer inch 14/3coil High frequencydriver inch 2x1.4"/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 Wrms 1000 System long term power (IEC 268-5) W 2000 Nominal impedance Ohm 8 INPUTS / OUTPUTS Input connectors 2x souriau PHYSICAL Enclosure material Polyethylene rotomoulded Grille Custom perforated stainless steel Net dimensions (Wx Hx D) inch 24.21 x 16.92 x 16.33 Shipping dimensions (Wx Hx D) lbs 83.5 Shipping weight lbs 88	GENERAL			
High frequency driver ACOUSTICAL SPEC. Frequency response @-6dB 60Hz-20kHz Max SPL (cont / peak) Dispersion Crossover frequency Recommended HP filter Sensitivity (@1W, 1m) LF/HF dB 98/110 AMPLIFIER Recommended amplifier Wrms 1000 System long term power W 500 System short term power (IEC 268-5) Nominal impedance INPUTS / OUTPUTS Input connectors PHYSICAL Enclosure material Polyethylene rotomoulded Grille Net dimensions (Wx Hx D) Net weight Inch 2x1.4"/2.5"coil 2x1.4"/2.5"coil 2x1.4"/2.5"coil 2x6.4"/2.5"coil AMPL Fich 100° Hx 15° V 40Hz-24dB oct. 98/110 AMPLIFIER Recommended amplifier Wrms 1000 System short term power W 500 System short term power U 500 Custom perforated stainless steel Net dimensions (Wx Hx D) Inch 24.21x16.92x16.33 Shipping dimensions (Wx Hx D) Net weight	Configuration	way	2	
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 Wrms 1000 System long term power W 500 System short term power (IEC 268-5) W 2000 Nominal impedance Ohm 8 INPUTS / OUTPUTS Input connectors 2x souriau PHYSICAL Enclosure material Polyethylene rotomoulded Grille Custom perforated stainless steel Net dimensions (WxHxD) inch 24.21x16.92x16.33 Shipping dimensions (WxHxD) inch 21.85x30.11x21.25 Net weight lbs 83.5	Low frequency woofer	inch	14/3 coil	
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 Wrms 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 PHYSICAL Enclosure material Polyethylene rotomoulded Grille Custom perforated stainless steel Net dimensions (Wx Hx D) inch 24.21 x 16.92 x 16.33 Shipping dimensions (Wx Hx D) lbs 83.5	High frequency driver	inch	2x1.4"/2.5"coil	
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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 Wrms 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 PHYSICAL Enclosure material Polyethylene rotomoulded Grille Custom perforated stainless steel Net dimensions (WxHxD) inch 24.21 x 16.92 x 16.33 Shipping dimensions (WxHxD) inch 21.85 x 30.11 x 21.25 Net weight lbs 83.5	Frequencyresponse	@-6dB	60Hz-20kHz	
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The weight	Shipping dimensions (WxHxD)	inch	21.85 x 30.11 x 21.25	
Shipping weight lbs 88	Netweight	lbs	83.5	
5	Shipping weight	lbs	88	

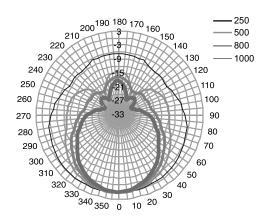
HORIZONTAL POLAR DIAGRAM

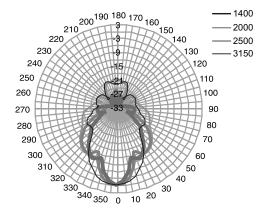


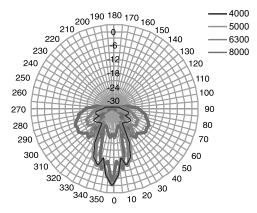


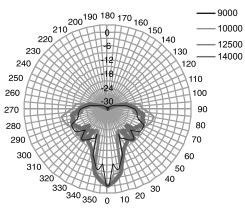


VERTICAL POLAR DIAGRAM



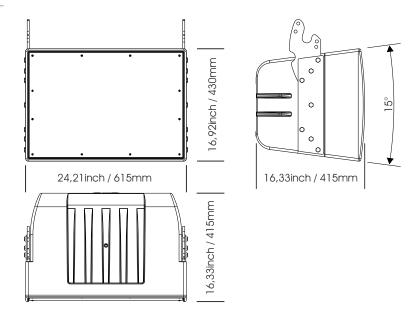




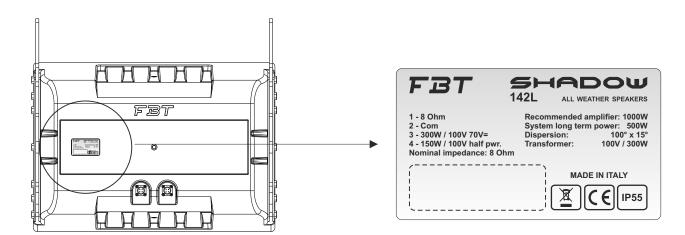




DIMENSIONAL DRAWING

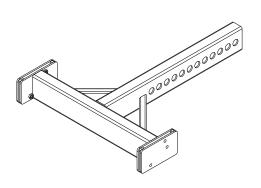


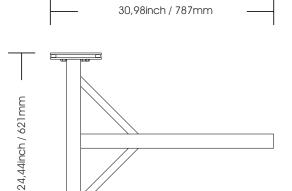
TECHNICAL SPECIFICATIONS LABEL



SUPPLIED ACCESSORY

SW-F142 flying bar for rigging





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