

All Weather Speaker

MAIN APPLICATIONS

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

MAIN FEATURES

- 2-way loudspeaker system
- 14" low frequency woofer with 3" coil
- 2 x 1.4" high frequency driver with 2.5" coil
- Nominal impedance 8Ohm
- Adjustable angle from 7.5° to 15°
- 4 wire cable
- EN 54-24:2008 certification
- IP55 weather resistant
- Standard black color


EN 54-24:2008

**CERTIFICATE OF COSTANCY OF
PERFORMANCE - TYPE B**
nr. 0068/CPR/011-2019

IP55


ATTESTATION OF CONFORMITY
nr. CPR/181446_1-1-2019
EN 60529:1991-10

Declaration of Performance (DoP) available on the website www.fbt.it

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 1.4" 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

GENERAL

Configuration	way	2
Low frequency woofer	inch	14 - 3 coil
High frequency driver	inch	1.4 - 2.5 coil

ACOUSTIC SPEC.

Frequency response	(@-6dB)	63Hz - 20kHz
Crossover frequency	kHz	1.2kHz (opt. biamp)
Sensitivity (@1W,1m)	dB	102
MAX SPL (1mt / 4mt)	dB	126 / 114
Dispersion horizontal (-6dB)	500Hz	100°
	1kHz	55°
	2kHz	70°
	4kHz	70°
Dispersion vertical (-6dB)	500Hz	100°
	1kHz	70°
	2kHz	30°
	4kHz	15°
Recommended HP filter	Hz - dB oct.	40 - 24

INPUTS & OUTPUTS

Connectors		4 wire cable
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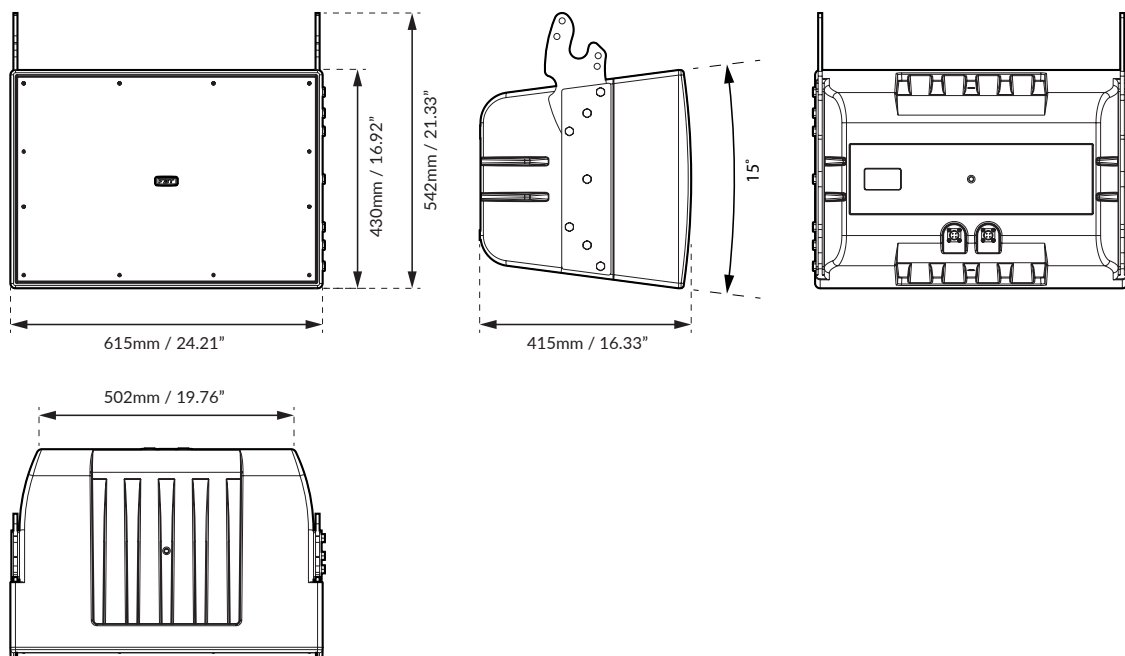
AMPLIFIER

Rated noise power 100hrs (voltage)	W (V)	250 (44.5)
Recommended amplifier	W RMS	600
Short term power (IEC 268-5)	W	1200
Nominal impedance	Ohm	8
Operating / storage temperature	°C	-25 to +55 / -40 to +70
Relative umidity		<95%

MECHANICAL SPEC.

Material		Polyethylene rotomolded
Net dimensions (WxHxD)	mm	615 x 430 x 415
	inch	24.21 x 16.92 x 16.33
Transport dimensions (WxHxD)	mm	770 x 550 x 540
	inch	30.3 x 21.7 x 21.3
Net weight	kg	39
	lb	85.98
Transport weight	kg	42.2
	lb	93.03

DIMENSIONAL DRAWING

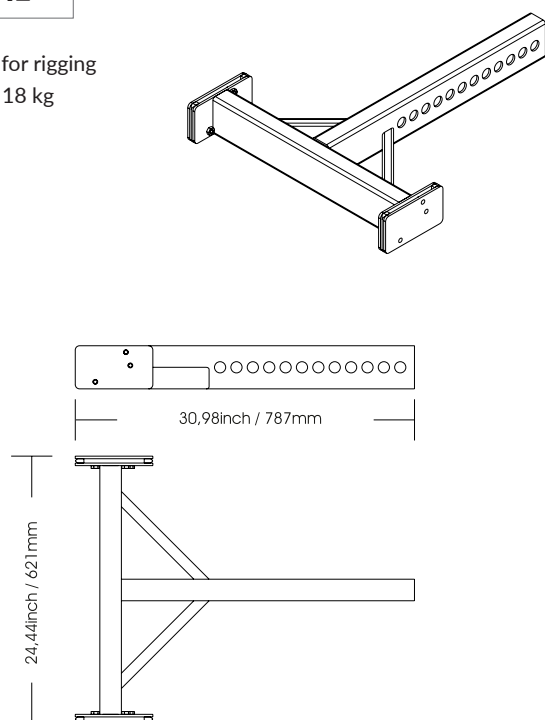


RECOMMENDED ACCESSORY

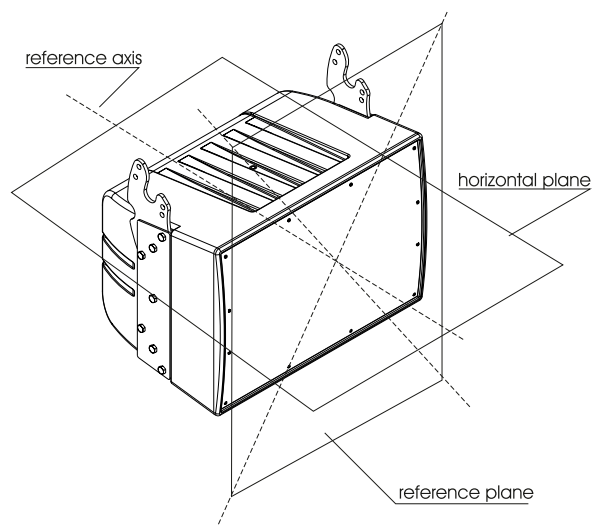
SW-F142

Flying bar for rigging
39,68 lb / 18 kg

Black



LOUDSPEAKERS PHYSICAL REFERENCES



DIAGRAM

