

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
- Dispersion 100°H x 15°V
- Adjustable angle from 7.5° to 15°
- Input connector Souriau
- IP55 weather resistant
- Standard grey finish
- Completely manufactured in Italy



Weather resistant

DESCRIPTION

The SHADOW 142L 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 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 aluminium with 3 layers of protection. The SHADOW 142L meets the requirements of IP55 code (International Protection Rating).

TECHNICAL SPECIFICATIONS

GENERAL

Configuration	way	2
Low frequency woofer	inch	1 x 14 - 3 coil
High frequency driver	inch	2 x 1.4 - 2.5 coil

ACOUSTIC SPEC.

Frequency response	(@-6dB)	60Hz - 20kHz
Crossover frequency	kHz	1.2kHz
Sensitivity (@1W,1m)	dB	98 (LF) / 110 (HF)
MAX SPL (1mt / 4mt)	dB	126.5 / 137
Dispersion	H x V	100° x 15°
Recommended HP filter	Hz - dB oct.	40 - 24

INPUTS & OUTPUTS

Connectors		2 x Souriau
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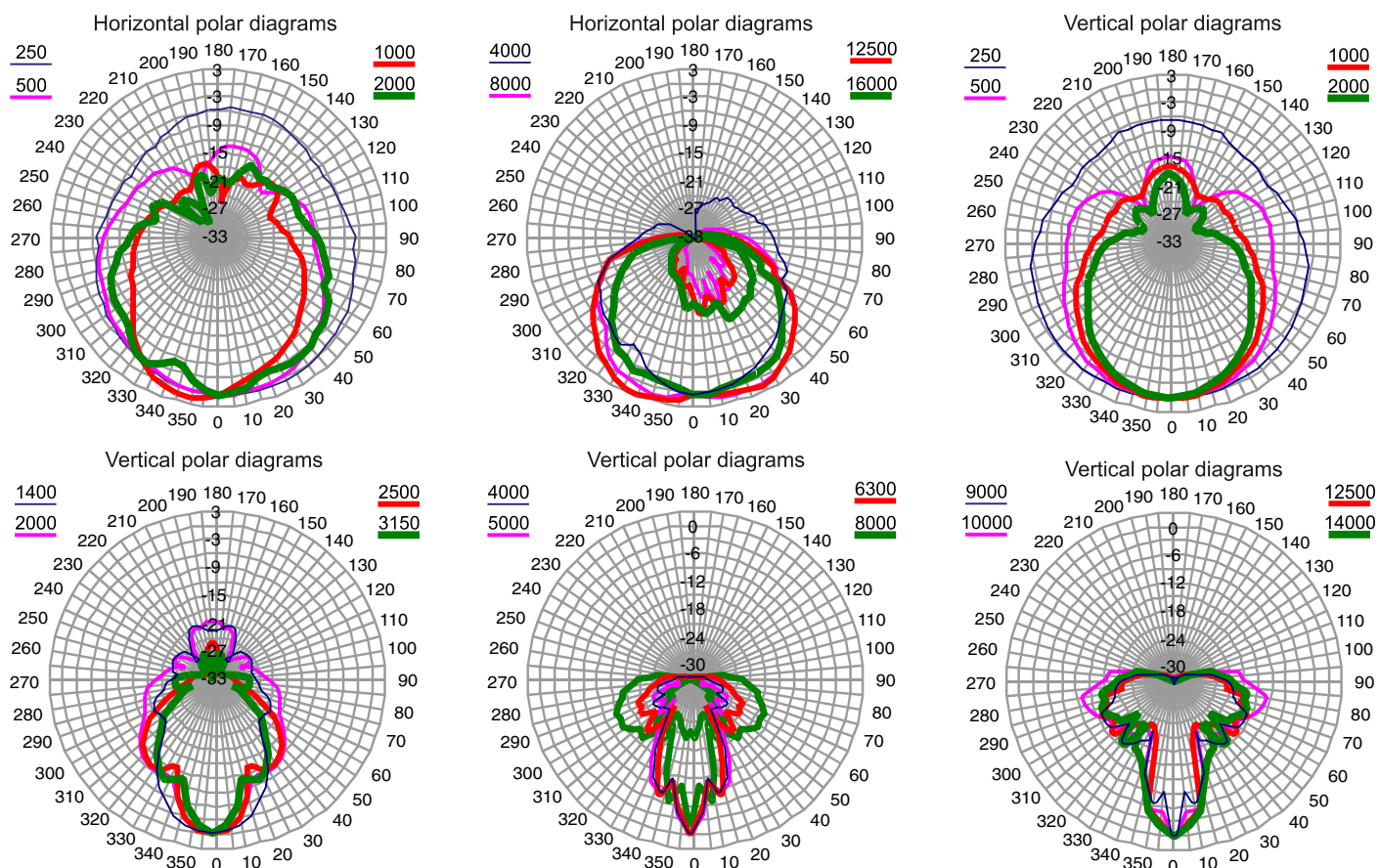
AMPLIFIER

Recommended amplifier	W RMS	1000
Long term power	W	500
Short term power (IEC 268-5)	W	2000
Nominal impedance	Ohm	8

MECHANICAL SPEC.

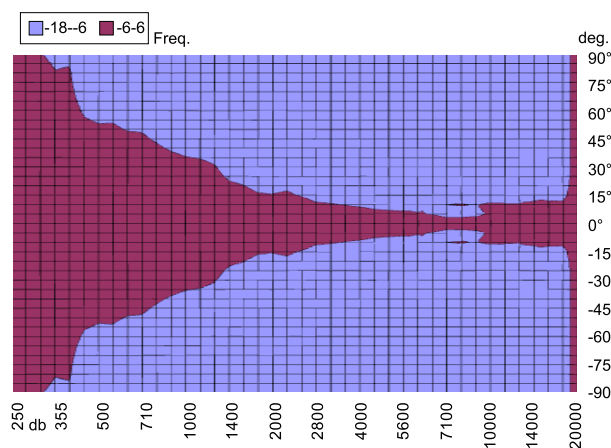
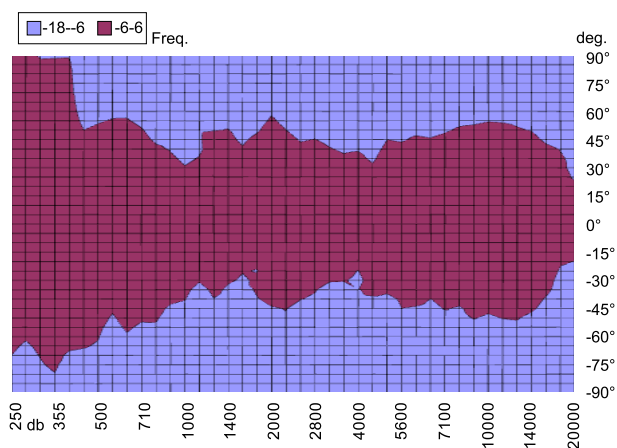
Material		Polyethylene rotomolded
Net dimensions (WxHxD)	mm inch	615 x 430 x 415 24.21 x 16.92 x 16.33
Transport dimensions (WxHxD)	mm inch	772 x 552 x 542 30.39 x 21.73 x 21.33
Net weight	kg lb	39 85.98
Transport weight	kg lb	42.2 93.03

POLAR DIAGRAM

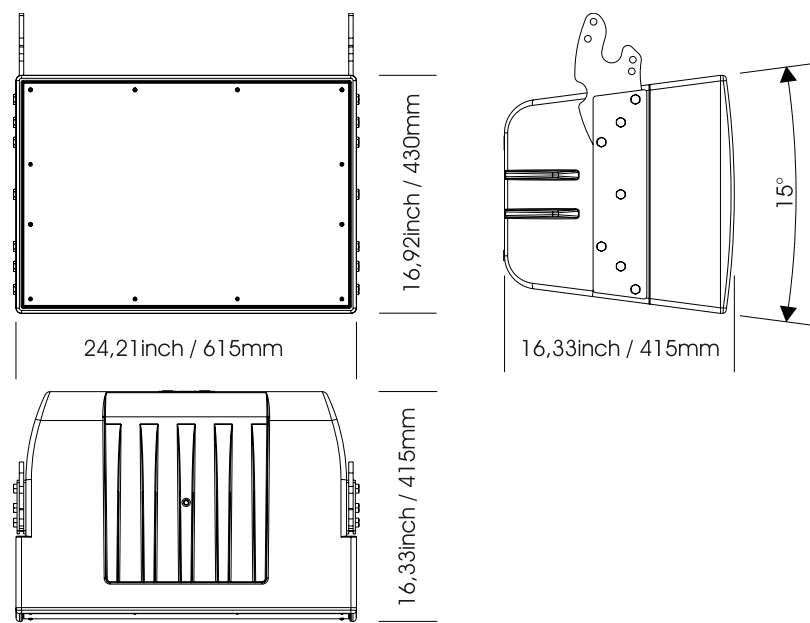


HORIZONTAL COVERAGE DIAGRAM

VERTICAL COVERAGE DIAGRAM



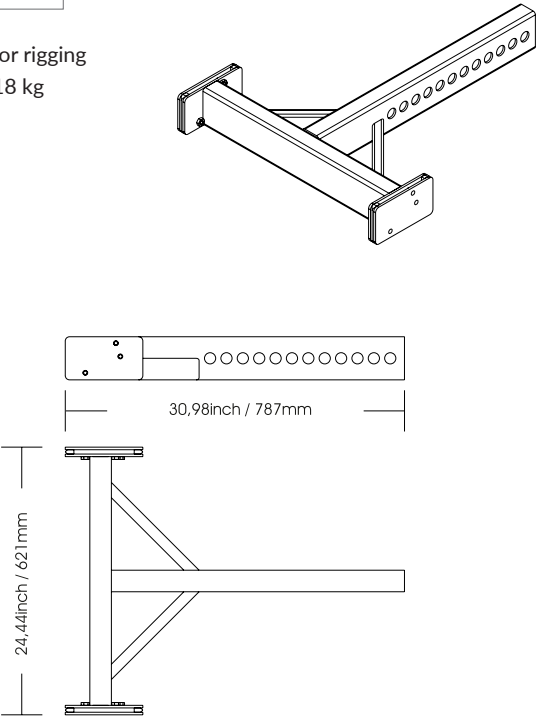
DIMENSIONAL DRAWING



INCLUDED ACCESSORY

SW-F142

Flying bar for rigging
39,68 lb / 18 kg
Black



FREQUENCY RESPONSE DIAGRAM

