

# All Weather Speaker

IP55   

## 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



## 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

Code		36197
Configuration	way	2
Low frequency woofer	inch	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 / 110
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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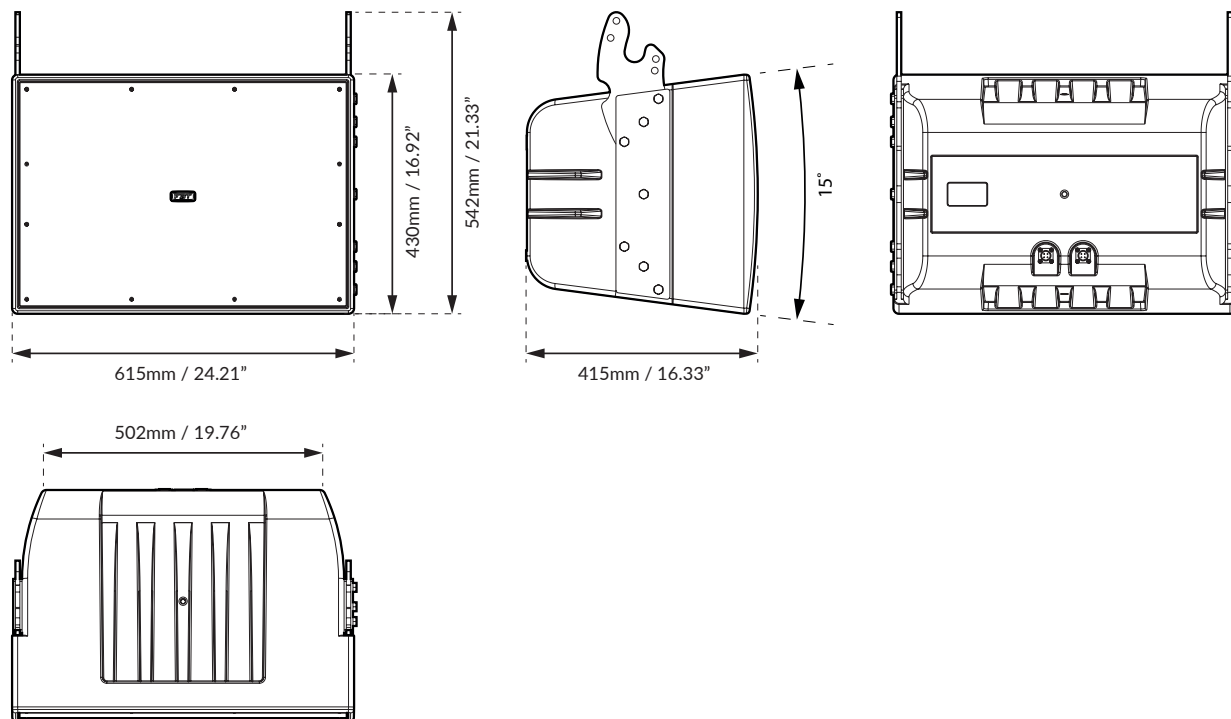
### AMPLIFIER

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 542 x 415 24.21 x 21.38 x 16.34
Transport dimensions (WxHxD)	mm inch	555 x 785 x 545 21.85 x 30.91 x 21.46
Net weight	kg lb	38.80 85.53
Transport weight	kg lb	40.50 89.28

## DIMENSIONAL DRAWING

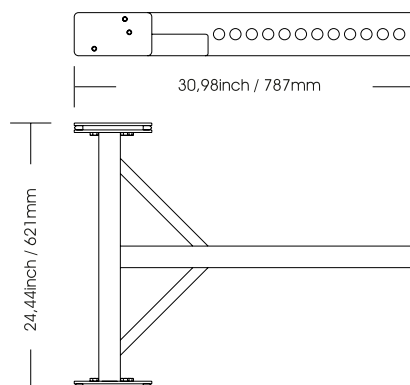
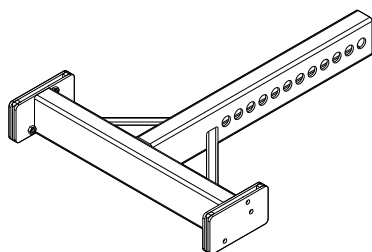


## RECOMMENDED ACCESSORY

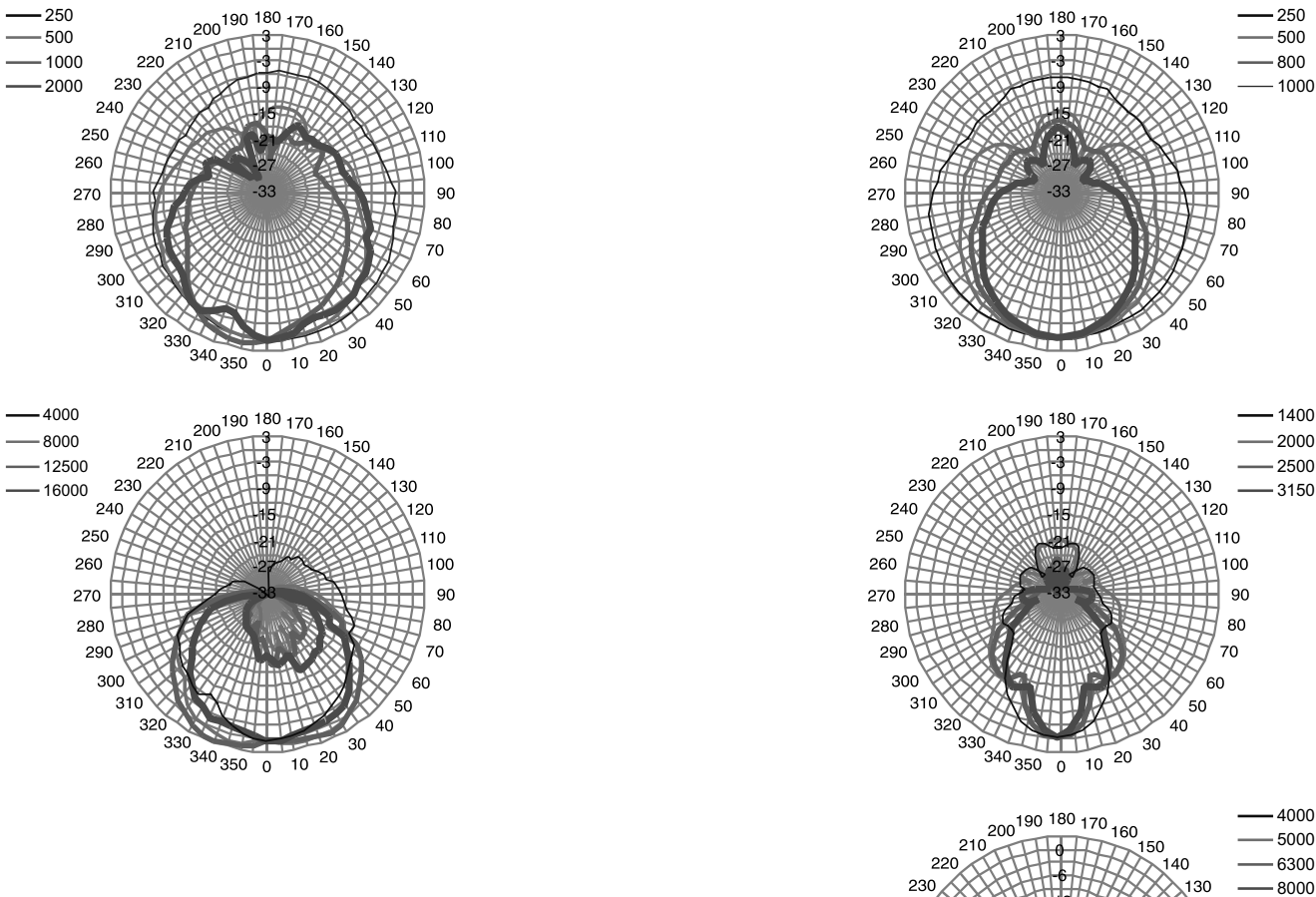
### SW-F 142

**Flying Bar for Rigging**  
Code: 36350

787 x 100 x 621mm  
30.98 x 3.94 x 24.49inch  
18 kg / 39.68 lb



DIAGRAMS



FREQUENCY RESPONSE DIAGRAM

