

- 15W 100V LOUDSPEAKER
- SWIVEL WALL BRACKET MOUNTING
- DISTINCTIVE DESIGN

AS

- EXCELLENT SOUND QUALITY
- INGRESS PROTECTION IP65C
- FULLY CERTIFIED TO EN54-24



# OVERVIEW

The SPMO-15W-WT-EN54 is a 15W 100V two-way monitor loudspeaker which has an attractive design, provides excellent sound quality, and is certified to EN54-24. The speaker is fitted with a 100V transformer which has four power adjustment tappings of 15W, 7.5W, 3.75W and 1.8W, plus a low-impedance setting (8ohm).

The SPMO-15W-WT-EN54's impact and UV resistant white ABS body provides good long-term stability, and is sealed to the IP65C environmental standard.

Mounting of the speaker is provided using an easy-mounting swivel bracket, which provides flexibility in the speaker orientation relative to the bracket position. The 100V loudspeaker line connection is provided via a six-way screw terminal, and for additional reliability a thermal fuse is provided and the speaker chassis is damp-resistant.

The loudspeaker is optionally available with a DC blocking capacitor fitted, in order to provide compatibility with DC loudspeaker line monitoring systems. The part number for this DC monitoring compatible version is SPMO-15W-WT-EN54-DC.

EASE data is available for this speaker on request.

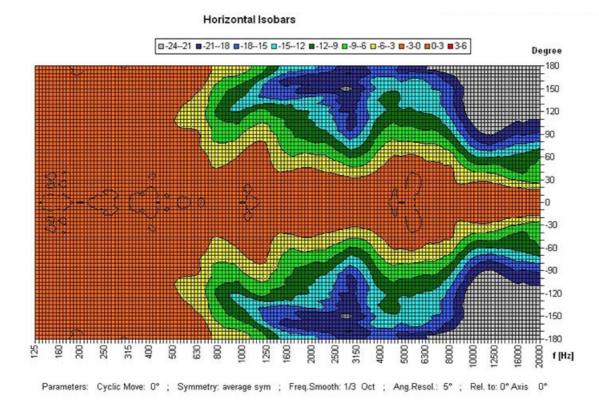


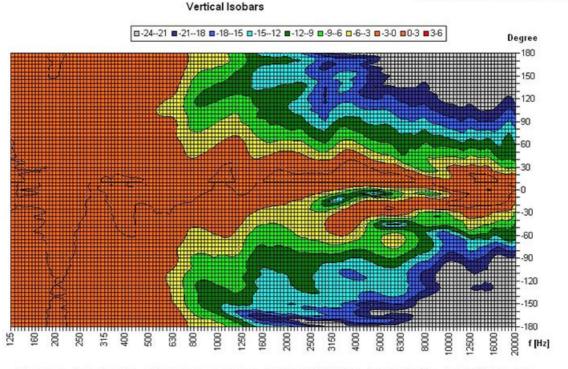


PRODUCT ATTRIBUTES		
Power Tappings	15W / 7.5W / 3.75W / 1.8 (8)W	
Frequency Range	105 – 23,500 Hz	
Frequency Response	82 – 23,500 Hz	
SPL 1W / 1m, peak	89.1 dB	
SPL 1W / 4m, peak	77.1 dB	
SPL Pmax / 4m, peak	88.8 dB	
Sensitivity EN54-24, 1W / 4m	69.7 dB	
Dispersion (-6dB, 500Hz)	360° (horizontal) 360° (vertical)	
Dispersion (-6dB, 1KHz)	186° (horizontal) 186° (vertical)	
Dispersion (-6dB, 2KHz)	132° (horizontal) 115° (vertical)	
Dispersion (-6dB, 4KHz)	147° (horizontal) 197° (vertical)	
Temperature Range	-25 / +80°C	
Dimensions	210 x 130 x 120 mm	
Weight (net)	1.70 kg	
Colour	White	
Connector	6-pin screw terminal	
Mounting	Swivel bracket	
IP Rating	IP65C	
Packing Unit	8	
Maximum cable cross section	4.9mm <sup>2</sup>	
Maximum cable cross section loop	2x1.2mm <sup>2</sup>	



# POLAR DIAGRAM

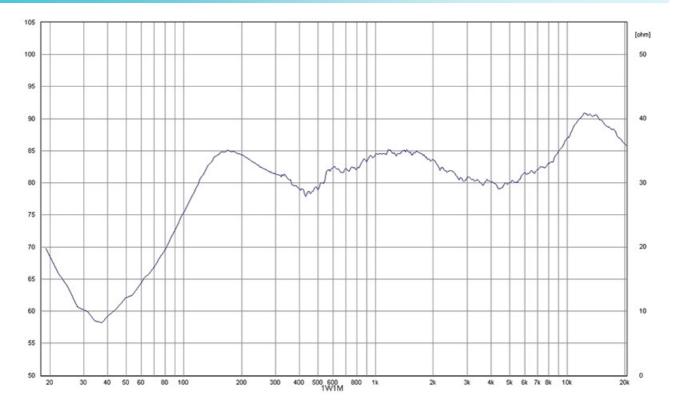




Parameters: Cyclic Move: 0° ; Symmetry: average sym ; Freq.Smooth: 1/3 Oct ; Ang.Resol.: 5° ; Rel. to: 10° Axis 0°

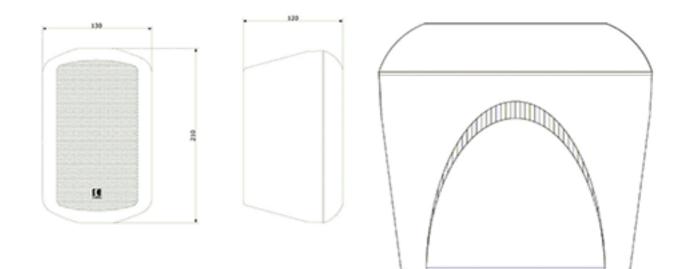


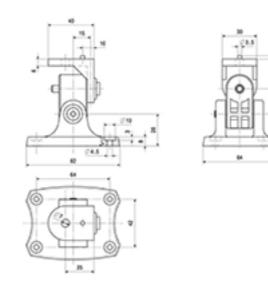
# FREQUENCY RESPONSE DIAGRAM





# DIMENSIONAL DIAGRAM





Measurements according to DIN IEC 268-5

RoHS compliant (2011/65/EU)



This equipment is designed and manufactured to conform to the following EU Directives:Low Voltage:2014/35/EURestriction of Hazardous Substances (RoHS):2011/65/EU & 2015/863/EU

#### Manufacturer

Application Solutions (Safety and Security) Limited Unit 17 - Cliffe Industrial Estate - Lewes - East Sussex - BN8 6JL - U.K. Tel: +44(0)1273 405411

### www.asl-control.co.uk



Assessed to ISO 9001 LPCB Cert No: C1043

All rights reserved. Information contained in this document is believed to be accurate, however no representation or warranty is given and Application Solutions (Safety and Security) Limited assumes no liability with respect to the accuracy of such information.