



- 6W 100V Loudspeaker
- Size 3.9" (100mm)
- Quick Mount
- Shock-resistant ABS Housing
- Ingress Protected to IP54
- High Efficiency
- Excellent Sound Quality
- Fully Compliant to EN54-24

The SPCF-06W-40-IP54-EN54 is a 6W 100V flush mount ceiling loudspeaker, which has a 3.9" (100mm) full-range chassis providing excellent sound quality with speech and background music, and which is compliant to EN54-24. The loudspeaker is fitted with a 100V transformer which has three power adjustment tappings of 6W, 3W, and 1.5W. Low impedance (8Ω) operation option is also available.



The SPCF-06W-40-IP54-EN54 has a rugged metal grille and a high-density, impact-resistant ABS plastic housing which provides good long-term stability. The loudspeaker is fully enclosed and is ingress protection rated to IP54. This speaker is suitable for installations in damp locations such as bathrooms and can also be used in clean room applications. As standard the loudspeaker is coloured to match RAL9016.

Spring clamps provide quick and easy ceiling mounting, with a possible ceiling thickness of between 6mm to 25mm. The 100V loudspeaker line cabling is connected to a two-pin ceramic terminal block (maximum cable cross section is 8mm²) within a connection box. For additional reliability, a thermal fuse is fitted, and the loudspeaker chassis is damp-resistant.

Please note that although very thin ceilings can be used as a mounting surface, it should be ensured that the ceiling thickness and strength are appropriate to the weight (0.9 kg) of the loudspeaker, and to the thickness and weight of the 100V line loudspeaker cable.

This 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 SPCF-06W-40-IP54-EN54-DC.

Enhanced Acoustic Simulator for Engineers (EASE) data for this loudspeaker is available on request.

	<p>Compliant to EN54-24 Measurements according to DIN IEC 268-5 RoHS compliant (2011/65/EU)</p>	<p>Loudspeaker for voice alarm systems for fire detection and fire alarm systems for buildings. Type A Rated voice voltage: 100V Rated voice/noise power: 6W</p>
	<p>This product must be disposed of in accordance with the WEEE directive.</p>	<p>Failure to use the equipment in the manner described in the product literature will invalidate the warranty.</p>
<p>WEE/JB1444YU</p>		

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Installation

1. Check that the ceiling thickness is between 6mm and 25mm, with a thickness and strength which is appropriate to the weight (0.99kg) of the loudspeaker.
2. The 100V audio power cable should have a maximum cable cross section of 8mm², or a maximum cable cross section of 2 x 2mm² when daisy-chain wiring is used.
3. Make a ceiling cut-out of 129 mm diameter.
4. Lift the loudspeaker spring clamps away from the front of the speaker.
5. Fit the loudspeaker into the ceiling cut-out.
6. Lift the loudspeaker spring clamps towards the form of the speaker to clamp the loudspeaker securely into place on the ceiling.
7. Connect the audio power cable to the ceramic terminal block inside the connection box. Set the required power tapping by connecting the power cable to the appropriately coloured 100V wire, plus the Black Common wire. The power tapplings are set with wire colours as follows:

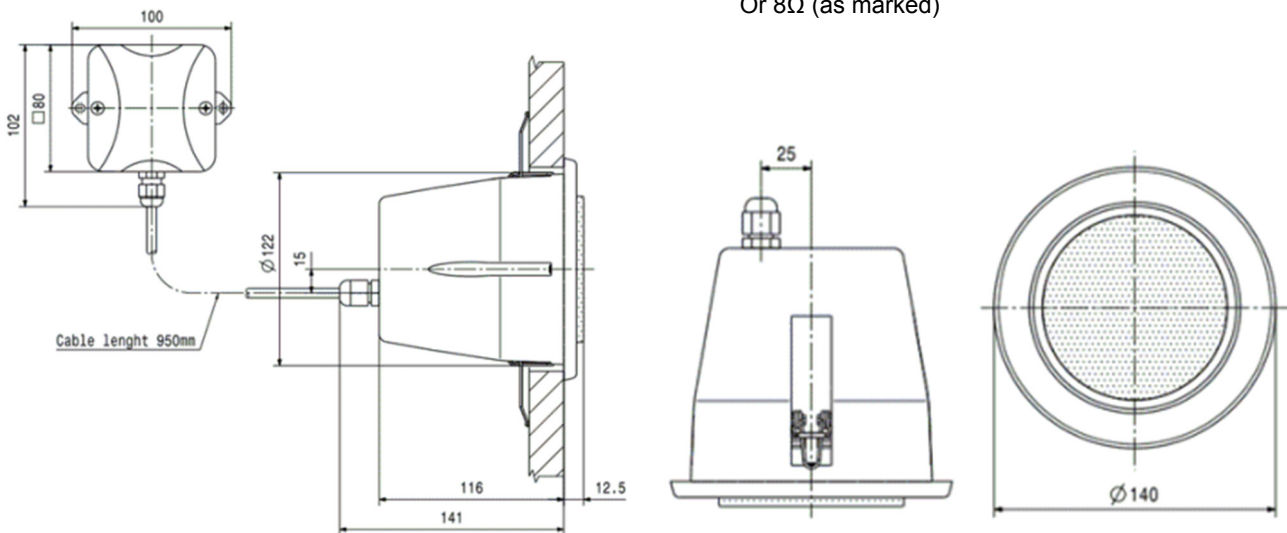
Blue: 6W

Yellow: 3W

Brown: 1.5W

Black: COM

Or 8Ω (as marked)



Service and Warranty

This product carries a full warranty. For full details of warranty and service agreements, please contact the organisation which supplied the product to you.

Exclusions

The warranty does NOT cover:

1. Customer misuse, including incorrect installation.
2. Abnormal environmental operating conditions.
3. Damage incurred by accident, fire, lightning or other hazard.
4. Modification to the unit or inexpert / attempted repair.
5. Any other damage (other than manufacturing defects).
6. Improper packing or transit / courier damage.
7. Over voltage audio power supply used.
8. No fault found.

Application Solutions (Safety and Security) Limited shall not be liable for any indirect, special or consequential loss or damage (including without limitation any loss of profits) arising from the use of this product or for any breach of this warranty.

In the interest of continual product development, Application Solutions (Safety and Security) Limited reserves the right to make changes to product specification without notice or liability.

