

### FEATURES

- 3.5" coaxial audio loudspeaker.
- Compact loudspeaker with white metallic grille and fixing springs.
- Built-in 20mm tweeter.
- Flush-mounted.
- Dimensions Ø124 x 54,5mm.
- Conformity with the CE directives.

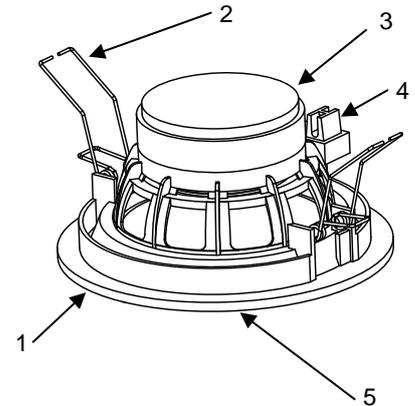


Figure 1. LS4 Loudspeaker

1. Metallic grille	2. Retaining springs	3. Loudspeaker magnet	4. Audio input	5. Tweeter
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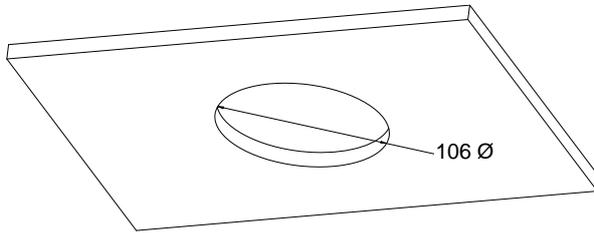
GENERAL SPECIFICATIONS	
CONCEPT	DESCRIPTION
Type of device	Electric operation control device
External power supply	Not required
Operation temperature	-15°C to +40°C
Storage temperature	-20°C to +55°C
Operation humidity	5 to 95% RH (no condensation)
Storage humidity	5 to 95% RH (no condensation)
Complementary characteristics	Class B
Protection class	III
Operation type	Continuous operation
Device action type	Type 1
Electrical stress period	Long
Degree of protection	IP20, clean environment
Installation	Flush-mounted
Minimum clearances	Not required
Weight	420g

LOUDSPEAKER SPECIFICATIONS	
CONCEPT	DESCRIPTION
Maximum power (RMS)	30W
Loudspeaker model	Coaxial
Impedance	4Ω
Frequency response	150Hz – 20kHz
Sensitivity (1W, 1m)	84 dB <sub>SPL</sub>
Installation hole diameter	106mm
Cable cross-section	0.5mm <sup>2</sup> to 2.5mm <sup>2</sup> (26-12AWG)
Connection method	Pressure terminal block

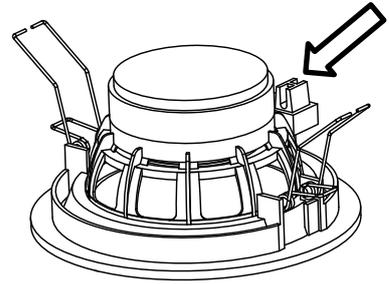
## ASSEMBLY DIAGRAM

1. Mark and make a hole for the loudspeaker by using the template bundled with the product.
2. Make the connections with the AudioInRoom device paying attention to the polarity.
3. Align the loudspeaker with the hole made on the surface and insert it with the aid of the retaining springs.
4. Place the metallic grille on the loudspeaker with the aid of the magnets. Perform this step without removing the black filter from the grille, as it prevents small particles from entering the loudspeaker compartment.

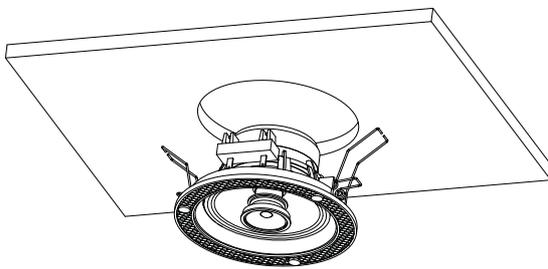
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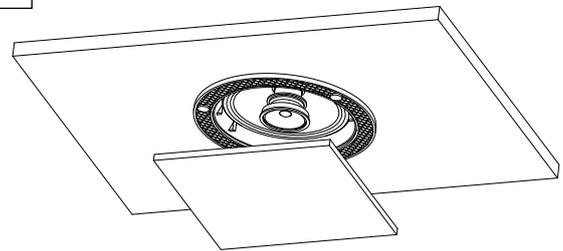
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## SAFETY INSTRUCTIONS

- Installation should only be performed by qualified professionals according to the laws and regulations applicable in each country.
- Keep the device away from water and do not cover it with clothes, paper or any other material while in use.
- The device must not be lubricated. Contact with dust, dirtiness or paint must be avoided.
- The WEEE logo means that this device contains electronic parts and it must be properly disposed of by following the instructions at <http://zennio.com/wEEE-regulation>.

