zenitel

DATASHEET

2131000146

CLWT-135T-MED

5" Ceiling Speaker 100V, 6W, IP55, for humid areas, fire dome, fused



- MED approved
- Ceiling loudspeaker intended for bathrooms and humid rooms
- Watertight back box ensuring IP55 rating from all sides
- Double cable glands for loop-in / loop-out connection
- Thermal fuse
- Ceramic terminals
- Metal fire dome

MED Certification MER Certification

Description

The Zenitel flush-mounted ceiling speaker CLWT-135T-MED is designed for demanding environments, offering IP55 water ingress protection and good audio quality. Its metal fire dome and versatile mounting options make it suitable for various settings. In vibrating environments, it can be secured using both spring fasteners and screw holes, while in non-vibrating environments, spring fasteners alone suffice. The speaker features adjustable power tapping to accommodate different room sizes and includes a thermal fuse, ceramic terminals, and a transformer for 100V lines.

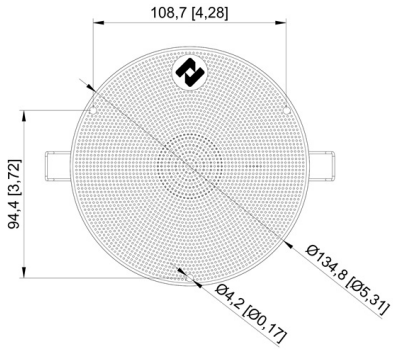
One of the key features of the CLWT-135T-MED is its back box glands, which enhance the speaker's performance by providing additional protection against dust, humidity, and water. These glands also increase the stability of wire connections and support loop wiring with 2x M20 glands. This design not only improves the speaker's durability but also simplifies installation by reducing the need for costly junction boxes.

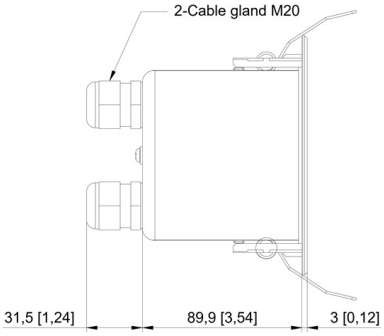
Technical Dimensions

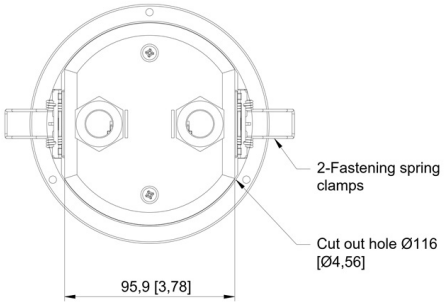
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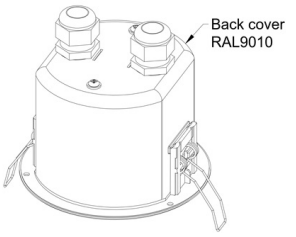
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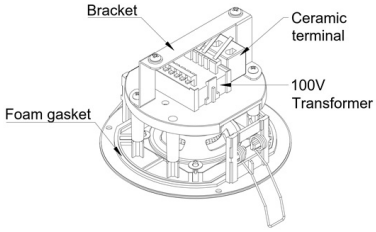
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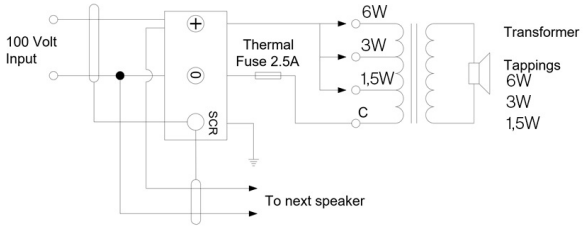












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Specifications

GENERAL

Dimensions (Diameter x Depth)	Ø136 x D130 mm
Cut Out Dimension (Dia.)	Ø116mm
Suspension / Mounting	Spring Clamp
Operating temperature range	-20 ~ + 70
Fuse	Thermal fuse
Rated power	6W
Max power rating	9W
Power tappings	6W - 3W - 1.5W
Frequency response	200 Hz - 20 KHz
Sensitivity	88 dB ± 3dB, 1W/1M
Maximum SPL	96 dB
Speaker	2.5 “ Paper Cone With Cloth Surround (Moisture Resistant)
Connections	Ceramic Terminal Block With thermal fuse
Baffle Material	ABS ,UL94 Vo , White RAL 9010
Grille Material	ABS ,UL94 Vo , White RAL 9010
Back Cover	Metal / Steel, White RAL 9010
Glands	2x M-20 (10-14mm)
Weight	0, 78kg
Environmental Condition	Protected
Compass Safe Distance	160 cm

Installation and operation:
1. Mount cable through cable gland and connect cable leads to 100V line in + - terminals
2. Select required loudspeaker tapping with red cable on the transformer
3. Fasten the back box onto front of loudspeaker
4. Fasten cable gland(s) and ensure the cable leads are not placing strain on the terminals
5. Place the loudspeaker in front of ceiling cut-out. Hold the fastening spring clamps aligned with back box and push loudspeaker into correct position. Make sure front grille is surface with ceiling for correct mounting. This loudspeaker can also be mounted with screws in front grille
6. Once installed the loudspeaker can be used

Maintenance:
1. No scheduled maintenance is required
2. For any kind of maintenance secure loudspeaker is not energized
3. Loudspeaker is equipped with fuse. If fuse broken pull out loudspeaker from ceiling and remove back box from front loudspeaker to access

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