



DL-E 10-165/T-EN54 SAFE

Ceiling speaker for Voice Alarm, power 10W, certified
EN 54-24

Technical Data

Colour	RAL 9016
Dimensions	200x72 mm (plastic) 200x94 mm (metal)
Ceiling Cut-out	166 mm
Dispersion -6dB, 500Hz	v/h 180°
Dispersion -6dB, 1KHz	v/h 180°
Dispersion -6dB, 2KHz	v/h 145°
Dispersion -6dB, 4KHz	v/h 72°
Sensitivity EN54-24, 1W/1m	87,3 dB
Sensitivity EN54-24, 1W/4m	75,3 dB
Frequency Range	232 - 11.900 Hz
Frequency Response	71 - 23.500 Hz
SPL IEC268-5, 1W/1m	87,0 dB
SPL EN54-24, Pmax/4m	85,0 dB
Power	10/5/2,5 W



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Mounting Instruction

- 1. Create the necessary ceiling cut-out and check the installation depth.
- 2. Loosen the nut in the middle of the rear touch guard.
- 3. Remove the touch guard of the speaker.
- 4. Connect the loudspeaker cable to the terminals 100V and COM.
If necessary, select a different power tapping.
- 5. Put the touch guard back on the loudspeaker and secure it with the nut.
- 6. Fold up the clamping spring and insert the loudspeaker into the ceiling cut-out.
- 7. Press the speaker into the ceiling until it is flush with the ceiling cut-out.

Power Tappings

Black	Red	White	Green
COM	10	5	2,5



CE-Symbol according to 93/68EWG
Measurements according to DIN IEC 268-5
RoHS compliant (2011/65/EU)
CPR compliance according 305/2011/EU

Loudspeaker for voice alarm systems for fire
detection and fire alarm systems for buildings
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TO MAKE PEOPLE LISTEN