

MC5-EN Installation Manual



Installers

Thank you for purchasing the Eaton MC5-EN ceiling speaker. This product was tested before shipment and therefore should arrive in working condition. If you have any issues with this speaker, please contact your supplier in the first instance.

Safety Information

CAUTION

WARNING: Inappropriate use of this speaker can result in property damage, injury or death.

- Please be sure to read the whole installation manual
- Please follow all recommendations of this installation manual
- We recommend you keep this manual for future reference

If you have any concerns or questions regarding the points raised in this manual, please contact your supplier in the first instance.

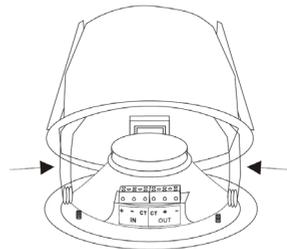
Please note:

- The speaker is not waterproof and is only designed for use inside a building. Exposure to rain or other water sources will result in damage to the unit.
- This unit is design to operate at 100V AC. Please isolate the speaker cabling from the source before conducting any works within the unit
- Ensure the speaker is correctly installed into a firm recess. Failure to do so may result in the speaker failing and causing an injury or death

- Ensure all terminations are fully tightened to avoid short circuits forming due to disconnected cables
- Do not install speakers into humid, dusty, smoky or steamy environments; the speaker may be damaged and not operate correctly
- Do not use the fire dome as junction box for other cables. Only 70V/100V loudspeaker lines should be connected to this speaker

Installation

Step 1

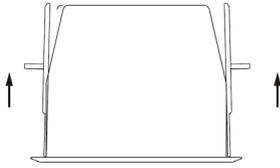


Pull down the speaker grill from the red fire dome. Disconnect the grill from the fire dome by compressing the 2 spring connections

Step 2

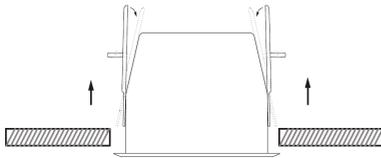
Remove as many knock-outs as required and fit 20mm fire-rated glands. Install the cable into the fire dome leaving 8"-10" of cable within the fire dome.

Step 3



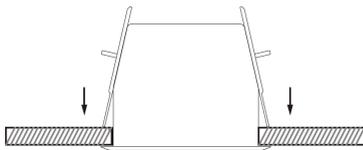
Loosen the thumb screws inside the fire dome and slide the retaining brackets up. Tighten the thumb screws to hold the brackets in place in place at the top of their travel.

Step 4



Insert the fire dome into the hole cut in the ceiling (dimensions shown in the specification section of the manual).

Step 5



Loosen the thumb screws and slide the brackets down until they are holding the fire dome firmly to the ceiling. Tighten the thumb screws.

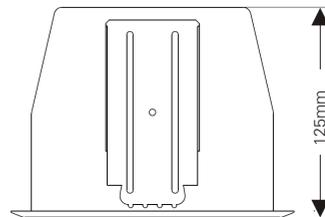
Step 6

Terminate the cable into the contacts and select the required tapping. Reinstall the speaker grill into the fire dome.

Specifications

| | |
|----------------|--|
| Model | MC5-EN |
| Power Taps@100 | 6W, 3W, 1.5W, 0.75W, 0.38 |
| Power Taps@70V | 3W, 1.5W, 0.75W, 0.38W, 0.19W |
| Impedance | COM/ 1.7K Ω / 3.3K Ω / 6.7K Ω / 13K/ 26K Ω |
| Freq Response | 92dB |
| SPL (1W/1N) | 130-18KHz |
| Cutout Size | ϕ 157mm |
| Dimensions | 180x125mm |
| Weight | 1.2 Kg |

Dimensions



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