



## Quick-Mount Ceiling Loudspeaker QCM-8 Series

The QCM-8 series ceiling loudspeaker shares the same elegant design with the entire QCM (Quick Ceiling Mount) range. With the knowledge that you are getting the same quality construction and simple fit method throughout the range, you can tailor a system which has seamless aesthetics yet meets rigorous acoustic conditions.

The QCM-8 series ceiling loudspeaker has been designed to deliver high quality music re-production for background music as well as being a flexible and economical public address loudspeaker. The 8" full range, twin cone driver unit produces exceptional low frequency response (70Hz ~ 20kHz). The 100 volt (and 70.7v) line transformer is rated at 10 watts (with music applications in mind).

\*In order to comply with various standards throughout the world, all QCM series ceiling speakers have available, optional fire-dome systems (as pictured). In the case of the FS & VAF fire-domes, CES Audio have created a patented fitting system (SUPER-FIT) which can reduce install time by up to 50%. Once cables have been glanded, the unit does not require access to the rear of the fire-dome, unlike conventional systems that have bridged fitting bars.

Order code **FID-8020**-Twin gland entry steel fire-dome in red with patented 'SUPER-FIT' system (**order code 'FS'** when ordering with speaker) e.g. **QCM-8101FS**.

**FID-8010**- (must be ordered complete with speaker) Twin gland entry steel



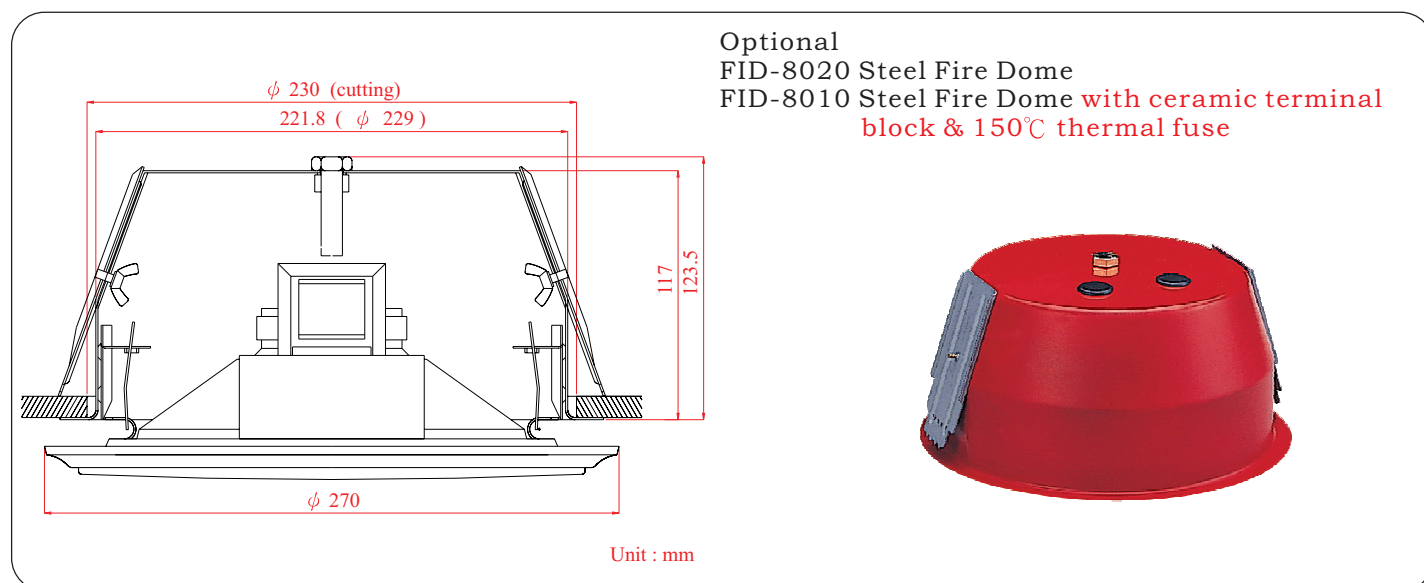
fire-dome with patented 'SUPER-FIT' system. QCM-8101VAF, is fully compliant to **BS5839 part 8** British Standards for Voice Alarms. As well as withstanding temperatures of 650°C, the fire dome has fitted ceramic termination blocks and fire resistant internal cabling, coupled with a 150°C thermal isolating fuse. The unit also allows for simple glanding and termination of fireproof cables before the loudspeaker is fitted. (**Order code 'VAF'**) e.g. **QCM-8101VAF**.

For your peace of mind and accurate system design, sample CES Audio products are extensively tested in our **Anechoic Test Chamber**, **Withstanding/Insulation Tester** and **Programmable Temperature & Humidity Chamber** to ensure accurate specification, safety and reliability.

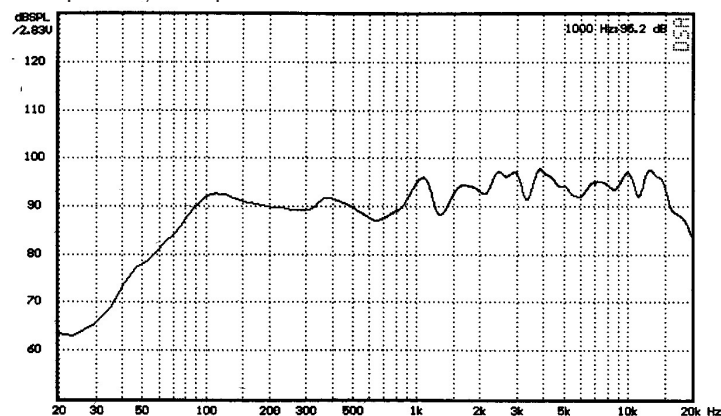
All CES Audio loudspeakers are designed to withstand operating at their rated power for 100 hours in accordance with IEC 268-5 Power Handling Capacity standards.

- ▶ Shares generic low profile grille design & simple fit system throughout entire QCM series.
- ▶ Fitted with an 8" twin cone driver unit. Designed to offer wide response for music & speech.
- ▶ Excellent low frequency response.
- ▶ 10 watt transformer with multi tapplings down to 1.25w (100v) & 0.625w (70.7v).
- ▶ Built-in ceiling tile cutout marker.
- ▶ Galvanized steel construction, finished in brilliant white (RAL 9003).
- ▶ Available with patented 'SUPER-FIT' fire-dome option\*.

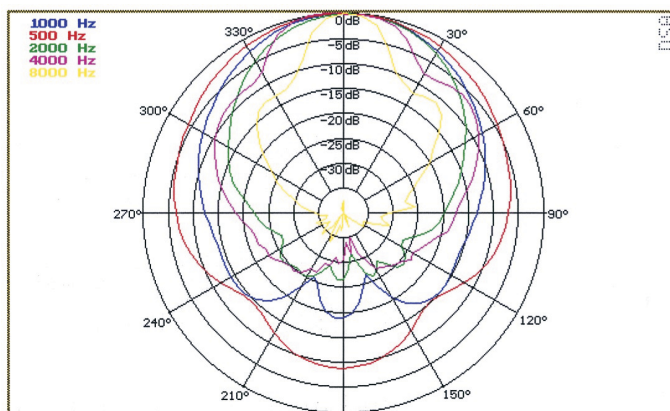
| Model No.                               | QCM-8108                                    | QCM-8101  |
|---|---|---|
| Rated Power (rms)                       | 10W   |   |
| Impedance                               | 8Ω  | 1KΩ, 2KΩ, 4KΩ, 8KΩ                                |
| Power Taps @ 100V<br>Power Taps @ 70.7V | n.a.  | 10W, 5W, 2.5W & 1.25W<br>5W, 2.5W, 1.25W & 0.625W |
| SPL (1W/1m)                             | 92dB  |   |
| Max. SPL (10W/1m)                       | 102dB                                       |   |
| Frequency Range (-10dB)                 | 70 Hz ~ 20K Hz                              |   |
| Dispersion 1K Hz/4K Hz                  | 100° / 45°                                  |   |
| Ambient Temperature                     | -30°C ~ 60°C                                |   |
| Power Selection Way                     | n.a.  | Plug  |
| Material                                | Baffle: Steel, Grille: Steel                |   |
| Colour/Finish                           | White (RAL 9003)                            |   |
| Dimensions                              | 270 (10.63) Dia. X 127 (5) Height mm. (in.) |   |
| Cutout Size                             | 230 (9.06) Dia. mm. (in.)                   |   |
| Net Weight (ea)                         | 1.6 Kgs (3.53 lbs.)                         | 1.9 Kgs (4.19 lbs.)                               |
| Shipping Weight (12 pcs)                | 27 Kgs (60 lbs.)                            | 29 Kgs (64 lbs.)                                  |
| Shipping Meas't (12 pcs)                | 5.6 cuft                                    |   |
| Mounting                                | Spring loaded Quick-Mount Bracket Assembly  |   |



Frequency Response



Polar Plot



# QCM-8 SERIES

Public Address Loudspeakers