

# SPEAKERS for BGM



6.5" 2Way Coaxial Ceiling Speaker

## CS-620FH/630FH/680FH

CS-620FH/630FH/680FH is a Ceiling Speaker that can be used versatile in restaurants, stores, hotels, meeting rooms, etc. where both music playback and announcement are required. The exposure is so small that it blends naturally in with the interior design, and provides wide-band sound from 2Way coaxial drivers.



Unit



Rear



Side

### FEATURES

- **6.5" Coaxial 2Way speaker**

- **Using High quality matching transformer (100V)**

- **Low impedance input terminal**

Provides a connection terminal for low impedance (8Ω) to play high quality music.

- **In compliance with international standards(CS-620FH)**

It is a high quality speaker with high reliability, durability and flame retardancy guaranteed by development and production according to international standards.

- **Suitable for music playing**

It is suitable for playing music with a wide band bandwidth ranging from 400Hz~4kHz.

- **Offering an installation bracket**

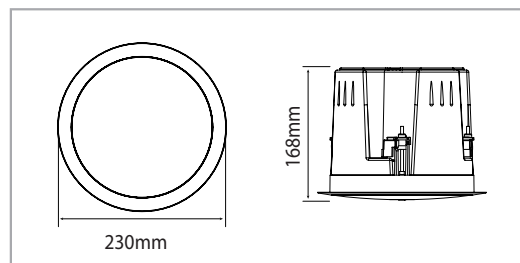
It ensures a safe installation of speaker by providing High-quality speaker installation tools made up with bracket-ring and bracket-rail.

- **How to install**

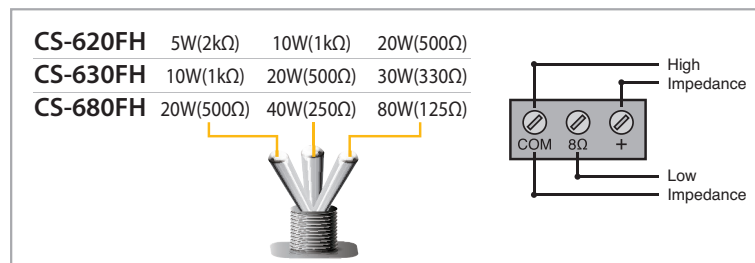
Refer to no.2 or no.3 of the SPEAKER INSTALLATION GUIDE on pages 36-39.



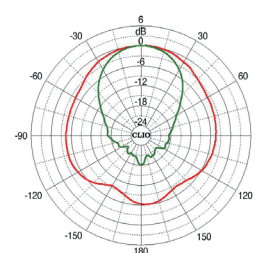
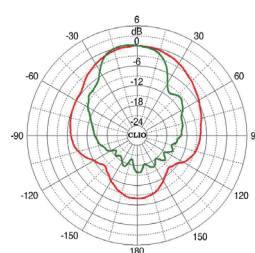
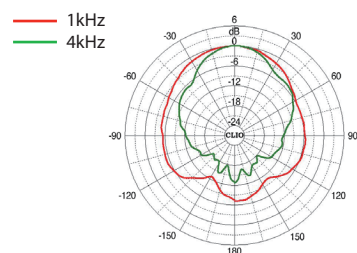
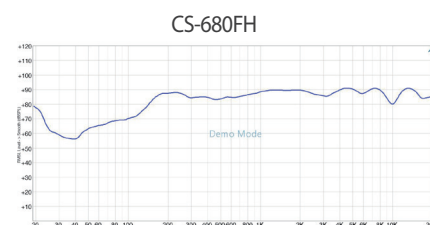
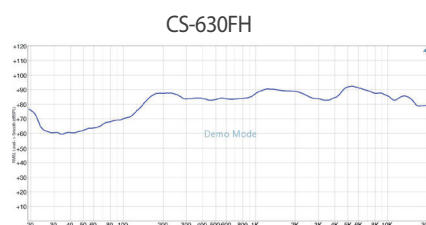
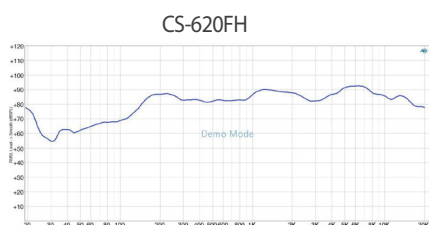
## DIMENSION



## POWER SELECTION



## FREQUENCY RANGE/POLAR PATTERN (1kHz/4kHz)



## SPECIFICATION

| Model                        |      | CS-620FH                          | CS-630FH                          | CS-680FH                          |
|------------------------------|------|-----------------------------------|-----------------------------------|-----------------------------------|
| Type                         |      | 6.5" 2Way Coaxial Ceiling Speaker | 6.5" 2Way Coaxial Ceiling Speaker | 6.5" 2Way Coaxial Ceiling Speaker |
| Unit                         |      | LF : 6.5", HF : 1"                | LF : 6.5", HF : 1"                | LF : 6.5", HF : 1"                |
| Power Handling(AES)          |      | 20W                               | 30W                               | 80W                               |
| Input Power                  | 100V | 20/10/5W                          | 30/20/10W                         | 80/40/20W                         |
|                              | 100V | 8Ω / 500Ω / 1kΩ / 2kΩ             | 8Ω / 330Ω / 500Ω / 1kΩ            | 8Ω / 125Ω / 250Ω / 500Ω           |
| Impedance                    | LOW  | 8Ω                                | 8Ω                                | 8Ω                                |
| Power Selection              |      | Toggle Switch                     | Toggle Switch                     | Toggle Switch                     |
| Frequency Range(-10dB)       |      | 130Hz ~ 20kHz                     | 130Hz ~ 20kHz                     | 140Hz ~ 20kHz                     |
| Frequency Range(-20%)        |      | 100Hz ~ 20kHz                     | 85Hz ~ 20kHz                      | 100Hz ~ 20kHz                     |
| Sensitivity (1W/1m, 1kHz)    |      | 86dB                              | 86dB                              | 88dB                              |
| Maximum SPL[Cont]            |      | 99dB                              | 101dB                             | 107dB                             |
| Nominal Dispersion (Conical) | 1kHz | 180° <sup>*1</sup>                | 126°                              | 180° <sup>*1</sup>                |
|                              | 4kHz | 92°                               | 59°                               | 72°                               |
| Input Connection             |      | 3P Euroblock                      | 3P Euroblock                      | 3P Euroblock                      |
| Enclosure Material           |      | ABS (V0)                          | ABS (V0)                          | ABS (V0)                          |
| Enclosure Color(Front)       |      | Light Gray                        | Light Gray                        | Light Gray                        |
| Grill Material               |      | Metal Grill                       | Metal Grill                       | Metal Grill                       |
| Grill Color                  |      | Light Gray                        | Light Gray                        | Light Gray                        |
| Cut-Out Diameter(Ø, mm)      |      | Ø200~205                          | Ø200~205                          | Ø200~205                          |
| Weight (Net)                 |      | 2.03kg                            | 2.52kg                            | 3.35kg                            |
| Dimensions (Ø(WxH)xD, mm)    |      | Ø230 x 168                        | Ø230 x 168                        | Ø230 x 168                        |
| Weather Resistant            |      | IP34                              | IP34                              | IP34                              |
| Flame resistant              |      | O                                 | O                                 | O                                 |
| Certification                |      | KS                                | -                                 | -                                 |
| Included Accessories         |      | -                                 | -                                 | -                                 |

\*1 : 1/2 Half Size