

**Introduction**

CS520 is another premium high power full range co-axial ceiling speaker with metal back enclosure, suitable for requirement of quality sound reproduction with adjustable power taps. It comes with aluminum grille for rust prevention, thus suitable for installation in high humid or salty environment.

It is suitable for speech and background music playback in areas, such as:

- Hotel corridors / lobbies
- Offices
- Shopping centres for general paging and pipe in music
- Public areas



**Guide to Installation**

**1** Cut the ceiling hole

Cut a circular hole at the ceiling board ( Plaster Ceiling or Ceiling Board ) according to the size below :

Ceiling

**2** Dismantling speaker grille

Speaker Grille

Speaker Clamp

Push Upwards

**4** Mounting the speaker to the ceiling hole

Speaker Hole

Speaker Cable (ii)

Push to speaker assembly to the speaker hole

Speaker assembly inserted to the ceiling hole

Ceiling

(i) Close the Speaker Clamp to allow the unit to be inserted to the speaker hole

(iii) Use a screw driver or electric screw driver to turn the speaker clamp, clockwise until the whole speaker is securely fitted to the ceiling

**3** Connecting the speaker cables and adjust the rotary switch

Cable terminal

Cable terminal

Power selection

Speaker cable

Connect the speaker cable from the ceiling to the connectors provided. Ensure polarity of cable is correctly terminated to the terminals. Pre-select the power output required to suit the installation area before mounting the speaker to the ceiling.

**5** Installing the grille to speaker

The final step shall be attaching the speaker grille to the speaker assembly. The grille should be fitted without glue, this would enable easy future retraction if the need arises.

Speaker assembly mounted to ceiling

Ceiling

Gently push the speaker grille to the slot without denting the wire mesh.

**6** Installation complete

Speaker Cable

Speaker termination box

Ceiling

Black (+)

Red (-)

Termination box

100V Line From Amplifier output

Speaker cable