Thank you for selecting Amperes CS620 / 840 series of co-axial ceiling speakers, built meant to deliver the pleasant music to your ears.
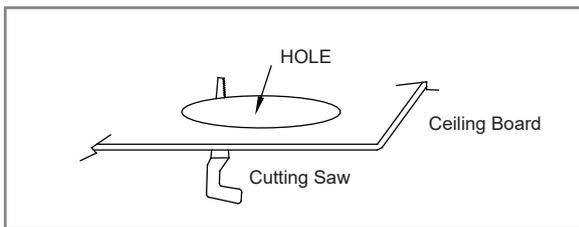
They are available in 6" and 8" respectively, suitable for 70 / 100V line output amplifiers, comes with matching transformer and thus enabling multiple units installations in commercial buildings.

We appreciate your little time spend in reading this short instructions, and we believe that by proper installation method, you shall not only getting the right sound, but also a safe and neat fittings to your environment.
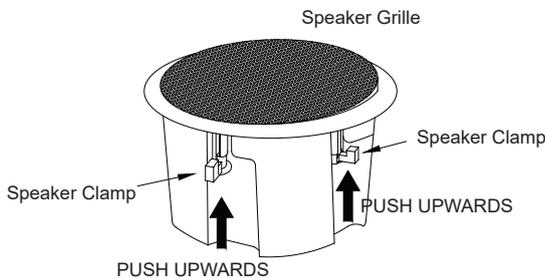
STEP 1 : CUTTING A HOLE IN THE CEILING

Cut a circular hole at the ceiling board (Plaster Ceiling or Ceiling Board) according to the size below :
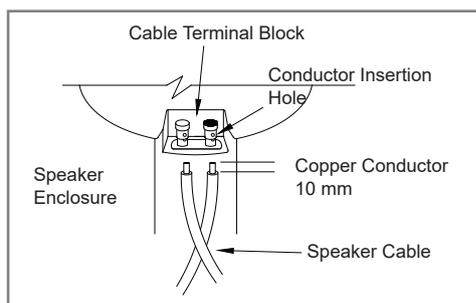
CS620 : 205 mm
CS840 : 240 mm

STEP 2 : DISMANTLING SPEAKER GRILLE

Dismantle the speaker grilles from the speaker assembly by pushing the speaker clamp upwards. Ensure even pressing to avoid denting the grille.

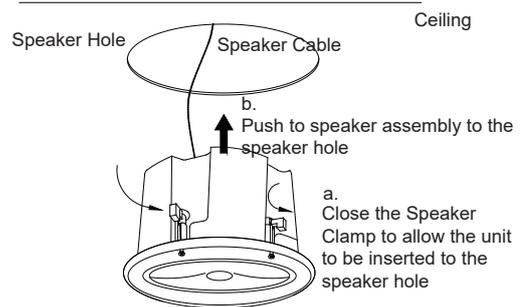
STEP 3 : CONNECTING THE SPEAKER CABLES

Connect the speaker cable from the ceiling to the connectors provided. Ensure polarity of cable is correctly terminated to the terminals. Recommended speaker size shall be 16 awg and below, twisted pair and preferable with outer jacket.
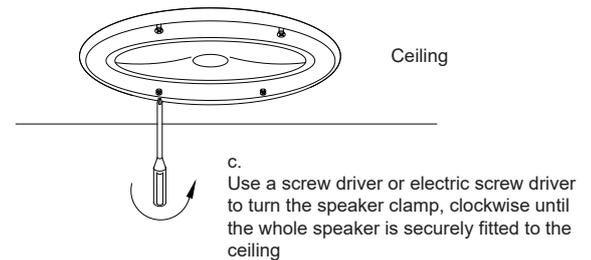

STEP 4 ; MOUNTING SPEAKER TO CEILING

With the speaker clamp in closed position, push the whole speaker assembly to the ceiling.

Once in place, use a screw driver to turn the screw, which in turn would push the speaker clamp downwards to hold the speaker to the ceiling board
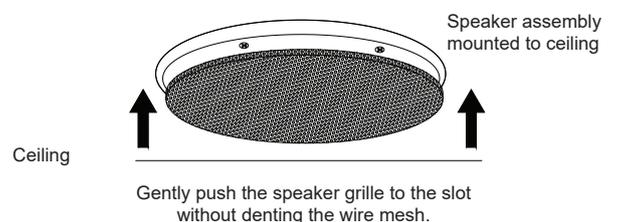

STEP 5 : INSTALLING THE GRILLE

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

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

NOTE :
It is advisable to check the ceiling strength before installing the speaker as the weight may cause the panel to drop (false ceiling panel) or damage to the plaster ceiling.

A solution is to attach a wire rope to ceiling frame or by reinforcing the side of ceiling hole with a piece of wood.

PHYSICAL DIMENSIONS (CS620 / CS840)
Overall Size (dia x height)   :   240 x 145 / 280 x 145 mm
Weight (kg)   :   2.4 / 2.9 kg