# CLIPSAL® speakers by KRIX®

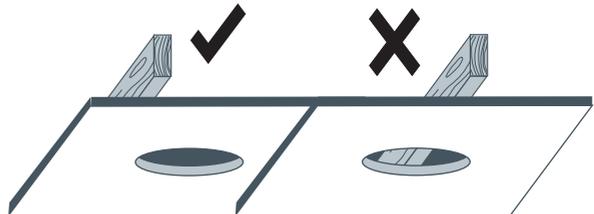# hemispherix®

concealed audio loudspeaker
# 5600K02

## hemispherix - specifications

5600K02-WE hemispherix speaker, in-ceiling round single, white

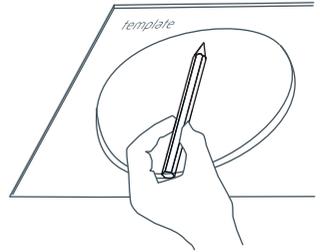| | |
|---|---|
| Frequency Range: | 65Hz - 20kHz in room response |
| Power Handling: | Maximum 60 Watts RMS amplifier power |
| Sensitivity: | 86dB for 2.83 volts at 1 metre |
| Impedance: | Nominally 6 ohms |
| Dimensions: | 240mm (9-1/2") high x 140mm (5-1/2") deep |
| Mounting Diameter | 205mm (8-1/16") |
| Weight: | 2 kg (4.4 lb) |

## Step 1

Choose the best location for your in-ceiling loudspeakers and check for any obstructions, such as electrical wiring, stud work or air conditioning ducts before commencing the installation. Also check that there is enough ceiling space to accommodate the speaker enclosure.

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# Step 2

Use the cardboard cut out template packed in the carton to draw the required cut-out circle onto the ceiling or wall.
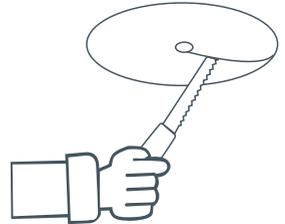
**CAUTION**
Use care when cutting into walls or ceilings. You could come in contact with dangerous voltages from installed wiring.

# Step 3

Drill a small hole in the centre of the marked cut-out and then using a fine-tooth gyprock saw, cut toward the line and cut out the circle. Remove the waste piece. Insert the speaker to make sure the hole is the right size. Enlarge the hole if required.
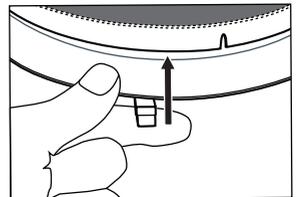
# Step 4

Pull the speaker cable through the opening and strip approximately 10mm (0.39") of the insulation to expose the copper wire. Insert the bare wires into the speaker connections. Observe the correct polarity; make sure the corresponding red (+) and black (-) amplifier terminals are connected to the corresponding speaker terminals.
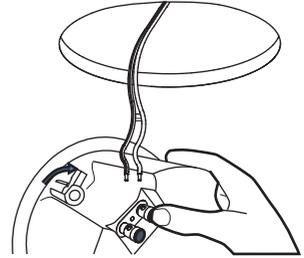
# Step 5

Remove the speaker grille using the mounting clamps located around the edge of the enclosure. Swing the mounting clamps out so that they are at a 90 degree angle from the enclosure. Gently push upward on the clamps until the grille lifts away. Use care to avoid bending the grille.

If you have installation questions contact Clipsal Technical Support at the number on the back page of this instruction.  For warranty questions, refer to the warranty form that is provided with this product.

## Step 6

To insert the wires in the binding posts on the speaker, press and hold the binding post and insert the bare wire. Then release the binding post. The red binding post is the positive (+) terminal and the black binding post is the negative (-) terminal.
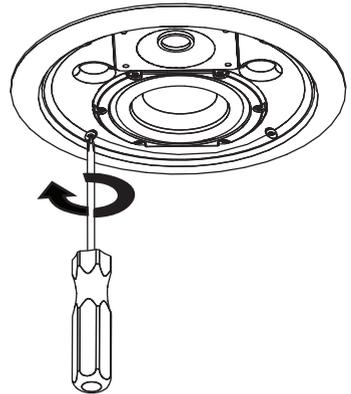
## Step 7

Swing the mounting clips inward toward the speaker enclosure to allow the speaker to be easily inserted in the ceiling cut out.

When the speaker is located in the ceiling or wall, use a Phillips head screwdriver to tighten the mounting screws. Do not over tighten screws, as this might strip the clamp or crush the gyprock.
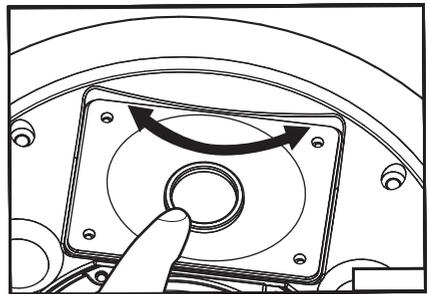
As the screws are tightened, the mounting clamps automatically swing out over the gyprock and clamp the speaker in place.

## Step 8

Concealed audio products may feature a pivoting tweeter to direct high frequencies in the preferred direction. To aim the tweeter, gently press on the round outer edge of the tweeter frame to tilt the tweeter to the desired position. Do not touch the tweeter dome with your fingers or any tools.

If painting the grille and speaker frame is not required, gently fit the metal grille to the front of the speaker housing.

If the grille and speaker frame require painting, be sure to mask off the speaker drivers. When painting the grille, it might be necessary to thin down the paint to avoid blocking the holes in the grille.  After the paint is completely dry, fit the grille to the front of the speaker.

If you have installation questions, contact Clipsal Technical Support at one of the numbers below. For warranty questions, refer to the warranty form that is provided with this product.

| Clipsal Technical Support Contact Numbers | |
|---|---|
| **Australia** | 1300 722 247 (CIS Technical Support Hotline) |
| **New Zealand** | 0800 888 219 (CIS Technical Support Hotline) |
| **Northern Asia** | +852 2484 4157 (Clipsal Hong Kong) |
| **South Africa** | 011 314 5200 (C-Bus Technical Support) |
| **Southern Asia** | +603 7665 3555 Ext. 236 or 242 (CIS Malaysia) |
| **United Kingdom** | 0870 608 8 608 (Schneider Electric Support) |

**Clipsal CIS Technical Support email: cis.support@clipsal.com.au**

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