

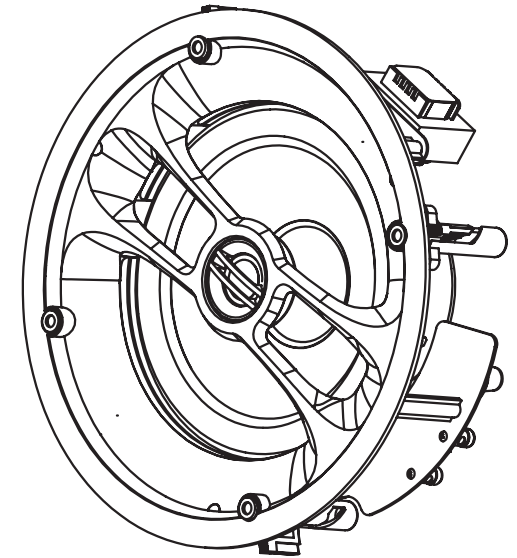
CARE AND MAINTENANCE

- 1 Turn off the power to the speaker when unused for long periods of time.
- 2 Ensure all equipment is turned off prior to cleaning. Surfaces need only occasional dusting/cleaning. Never use chemicals or solvents as they may damage the surface. Always clean using a dry cloth.
- 3 Never touch the speaker drivers.

SPECIFICATION

Model	CSP-8
Woofer	8" pp cone
Tweeter	0.75" silk dome
MAX Power	160watts
Nominal Impedance	8Ω
Sensitivity (1w/1m)	90dB
Frequency Response	60Hz - 20kHz
Transformer	C70V: 2.5W-5W-10W-15W & 8ohm C100V: 5W-10W-20W-30W & 8ohm
Product Dimensions	Ø284x118mm(Ø11.2"x4.6")
Cutout Size	Ø259mm(Ø10.2")

JADE CEILING SPEAKER

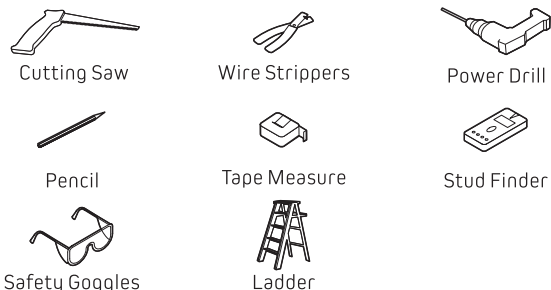
CSP-8

SAFETY INSTRUCTIONS

- 1) Please read the instructions carefully before installation and use.
Keep the manual safe for future reference.
- 2) Prior to installing the speakers into any ceiling/wall, check the structure for weight bearing ability and avoid contact with any wiring or plumbing that might be behind the surface area. Installing on soft materials or in areas incapable of supporting the speakers' weight may cause personal injury or damage to the speaker.
- 3) Make sure the speaker is properly secured to the ceiling/wall. Please use the proper screws, bolts, or anchors. Failure to do so may cause the speaker to become unsecured and cause potential damages/injuries.
- 4) Damage to the woofer and tweeter may occur if the speaker is dropped or hit-resulting in no sound or distorted sound.
- 5) Never overdrive your speakers to the point of distortion and always reduce volume prior to switching input sources.
- 6) Use only approved and certified wiring in your installation, do not stretch or place the wire in contact with sharp objects.
- 7) Prior to removing cables ensure all power to your amplifier and other components is turned off.

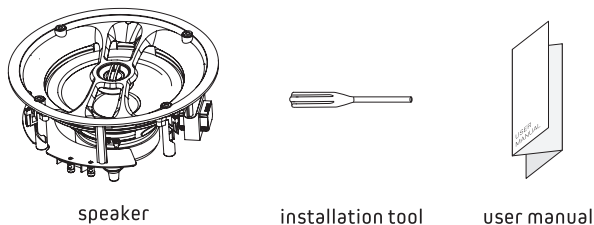
PREPARATION

The hardware equipment listed below is needed to install the speaker.



PACKING LIST

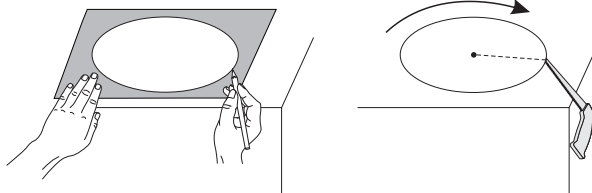
Ensure that you have received all parts according to the component checklist prior to installation. If any parts are missing or faulty, contact your place of purchase for a replacement.



INSTALLATION

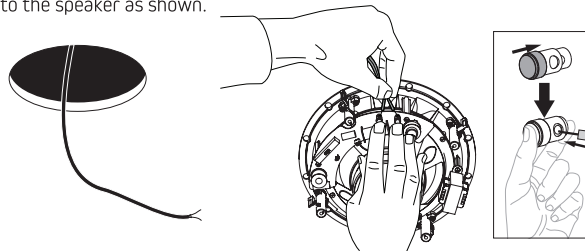
1. Cut the Speaker Hole

Position the cutout template where you are installing the speaker. Trace the template to mark out the speaker location with a pencil. Drill a pilot hole and cut all of the way around the circular outline with a cutting saw.



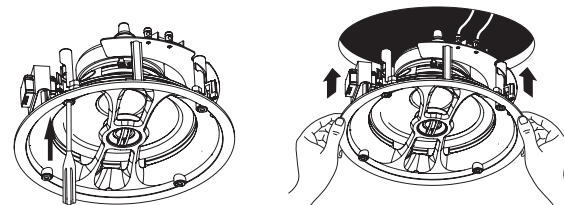
2. Wire the Speaker

Pull the speaker wire out of the hole which you have cut and connect it to the speaker as shown.



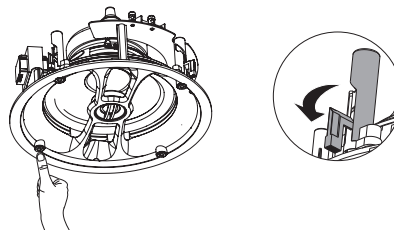
3. Install the Speaker

Adjust the dog leg with the installation tool as shown and insert the speaker into the hole.



4. Lock the Speaker

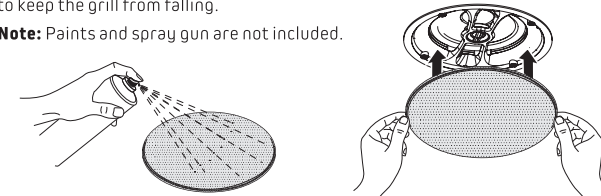
Lock the speaker by pressing the buttons located on the front face of the speaker and the dog leg will engage automatically.



5. Attach the Grill

Paint the speaker grill to match your room décor before you attach them to the speaker. As several magnets are on the speaker frame, attach the grill to the rim of the speaker directly. Ensure the grill is attached to the speaker securely to keep the grill from falling.

Note: Paints and spray gun are not included.

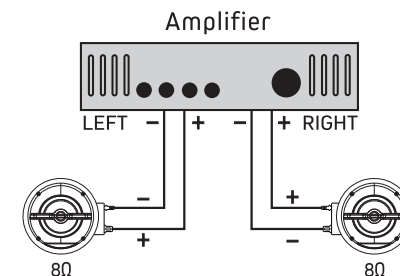


CONNECTIONS

Ensure that the speaker is unplugged from the AC main before making any connections.

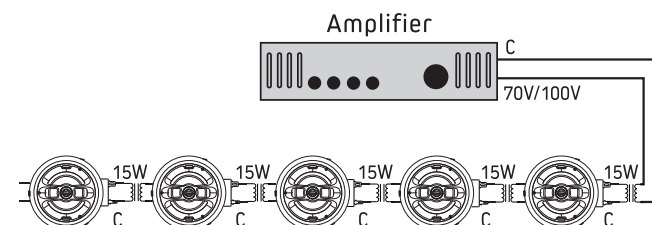
1) Stereo Connection of L/R Pair Speaker

Connect the input terminals of the speakers to the speaker output terminals of the amplifier. Always check to ensure polarity is correct: L(left) to L, R(right) to R, "+" to "+", and "-" to "-".



2) Parallel Connection of Multiple Speakers

For distributed line application, built-in 70V/100V multi-tap transformer offers the ability to daisy chain multiple number of speakers in parallel. The total number of speakers multiplied by the tap value cannot exceed the output power of the amplifier. For example, if you want to daisy chain 5 speakers in total using the 15W taps, you will need an amplifier with at least $5 \times 15W = 75W$. A good rule of thumb is to select an amplifier with 20% greater power; in this case, an amplifier that delivers about 100W.



Note:

Anytime you note distortion, reduce the volume to a lower setting. Never allow your amplifier to be driven into "clipping". Otherwise the speakers may be damaged. Damage caused by operating the speakers at distorted volume levels is not covered by the warranty.