

JADE

User Manual

CS-6ET/CS-8ET

2-Way Ceiling Speaker, 70/100V and 8Ohm

Safety Precaution

To ensure the best from the product, please read all instructions carefully before using the device. Save this manual for further reference.

- Using supplies or parts not meeting the products' specifications may cause damage, deterioration or malfunction.
- Do not expose the unit to rain, moisture or install this product near water.
- Do not use liquid or aerosol cleaners to clean this unit.
- Refer all servicing to qualified service personnel.
- 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.
- 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.
- Damage to the woofer and tweeter may occur if the speaker is dropped or hit and resulting in no sound or distorted sound.
- Never overdrive your speakers to the point of distortion and always reduce volume prior to switching input sources.
- Use only approved and certified wiring in your installation, do not stretch or place the wire in contact with sharp objects.
- Prior to removing cables ensure all power to your amplifier and other components is turned off.

Introduction

The JADE CS-6ET/CS-8ET is a full-range coaxial ceiling speaker consisting of a 6.5/8 inch polypropylene cone and a 0.5 inch mylar dome tweeter. It features combined 70V/100V and low impedance operation mode. The ceiling speaker also features easy-to-install spring clamps "dog-legs" and a white flat magnetic grille.

Features

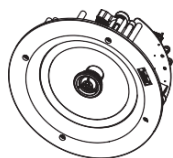
- 6.5/8 inch polypropylene cone driver with rubber edge
- 0.5 inch mylar dome tweeter
- Supports both 70V/100V and low impedance operation
 - 70V: 1.25W-2.5W-5W-10W & 8Ω
 - 100V: 2.5W-5W-10W-15W & 8Ω
- Magnetic flat grille that comes in white color.

Specifications

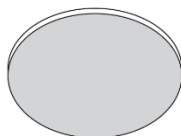
Customer Item No.	CS-6ET	CS-8ET
Max. Power	100W	120W
Impedance	8 Ω	8 Ω
Sensitivity(1M/1W)	89dB	90dB
Frequency Response	60Hz-20kHz	50Hz-20kHz
Woofer Type	6.5" Polypropylene cone with rubber edge	8" Polypropylene cone with rubber edge
Tweeter Type	0.5"(13mm) Mylar dome tweeter	0.5"(13mm) Mylar dome tweeter
Crossover Slope	6dB/Octave	6dB/Octave
Dimension	Φ227X89mm	Φ277X107mm
Cutout Size	Φ210mm	Φ258mm
Transformer	Knob Style, C70V: 1.25W-2.5W-5W-10W & 8Ω, C100V: 2.5W-5W-10W-15W & 8Ω	Knob Style, C70V: 1.25W-2.5W-5W-10W & 8Ω, C100V: 2.5W-5W-10W-15W & 8Ω

Package List

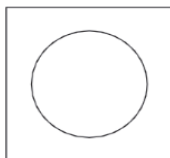
Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact your distributor for a replacement.



Speaker



Grille



Cutout Template



User Manual

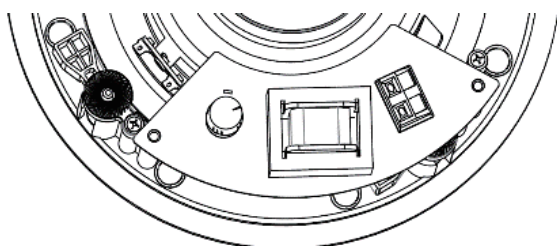
Installation

① Cut the speaker hole

Use a stud finder to locate an area that is free of obstructions or studs. 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 Set the operation mode

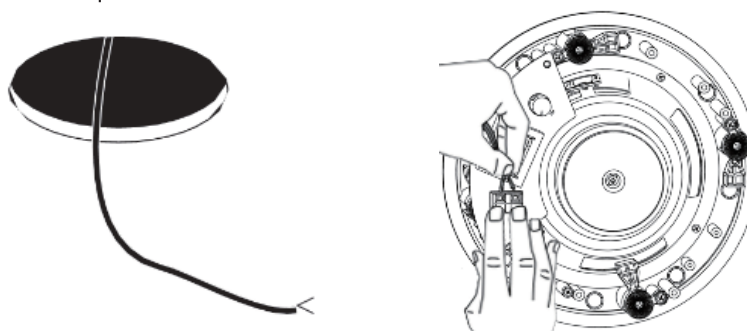
Use the knob located on the backside of the speaker to select operation mode and tap settings for 70V/100V mode.



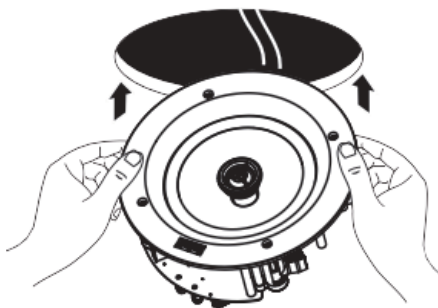
	C	1	2	3	4
100V	8ohm	15W	10W	5W	2.5W
70V	8ohm	10W	5W	2.5W	1.25W

2-Way Ceiling Speaker, 70/100V and 80hm
③ Connect speaker cable

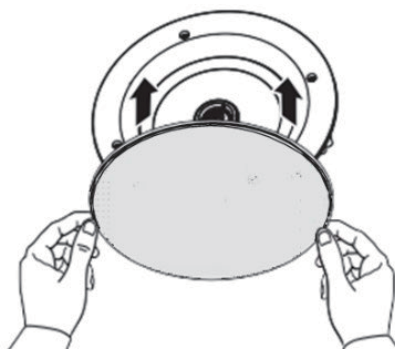
Ensure that the amplifier is not connected or turned off before connecting speaker cables. Pull the speaker cable out of the hole which you have cut and connect it to the speaker.


④ Install the speaker

Set the spring clamps "dog-legs" aside and place the speaker into the ceiling. Then use the screwdriver and gently tighten the four screws on the front of the speaker to secure the speaker. Do not apply too much force as this can break the spring clamps.


⑤ Attach the magnetic grille

As several magnets are on the speaker frame, attach the grille to the rim of the speaker directly. Ensure the grille is attached to the speaker securely to keep the grille from falling.



Note: Anytime you note distortion, reduce the volume. 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.