

CARE AND MAINTENANCE

- Turn off the power to the speaker when unused for long periods of time.
- 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.
- Never touch the speaker drivers.

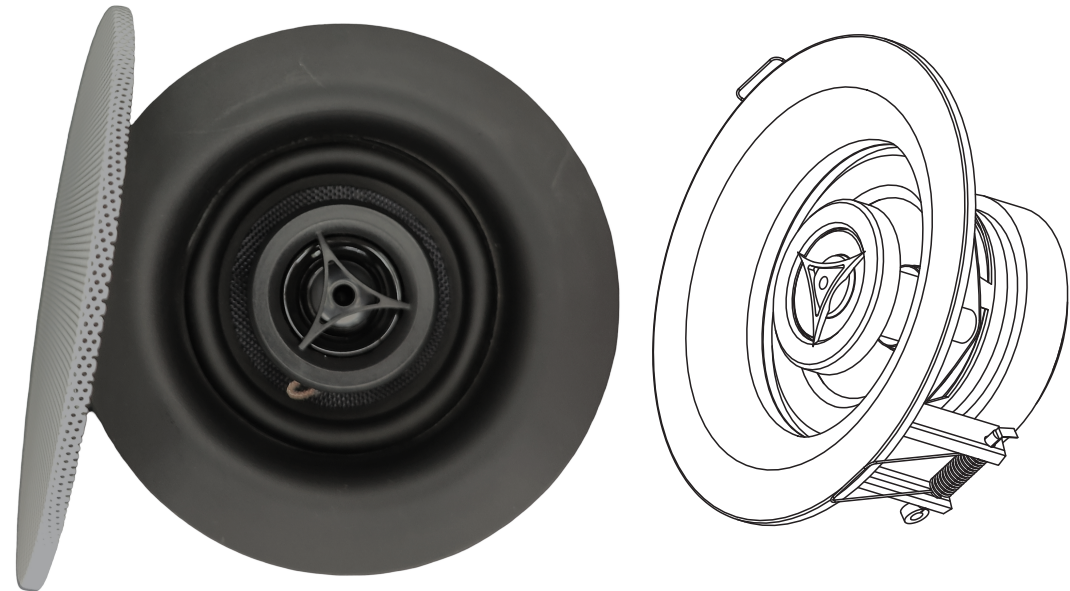
SPECIFICATIONS

RMS Power	20W
Impedance	8 Ω
LMT	5W @ 100V
Sensitivity(1M/1W)	82dB
Frequency Response	130Hz-20kHz
Woofer Type	3" Fiber glass woven cone with rubber edge
Tweeter Type	0.5"(13mm) Mylar dome tweeter
Swivel Tweeter	No
Crossover Slope	6dB/Octave
Dimension	Φ 116X58mm
Cutout Size	Φ 100mm

BYFORD AUDIO

CEILING SPEAKER

CGF-3

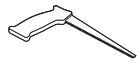


SAFETY INSTRUCTIONS

- Please read the instructions carefully before installation and use. Keep the manual safe for future reference.
- 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-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.

PREPARATION

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



Keyhole Saw/
Cutting Saw



Wire Stripper



Phillips Screwdriver



Pencil



Tape Measuring



Stud Finder
(For Wood Stud Wall)



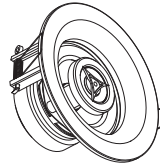
Safety Goggles



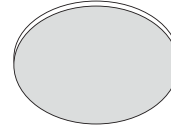
Ladder

PACKING LIST

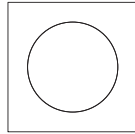
Ensure that you have received all parts according to the component checklist prior to installation. If any parts are missing or faulty, contact your place of purchase for a replacement.



Speaker



Grill



Cutout Template

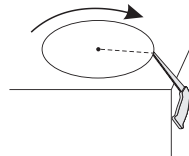
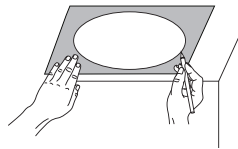


User Manual

INSTALLATION

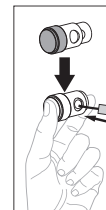
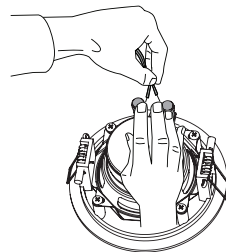
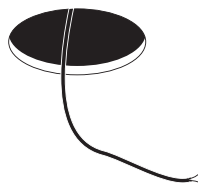
1. Cut the Speaker Hole

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.



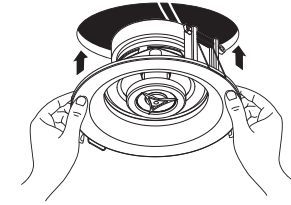
2. Wire the Speaker

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



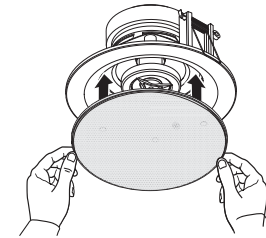
3. Install the Speaker

Open the spring clamp and place the speaker into the ceiling, then loosen the spring clamp.



4. Attach the Grill

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.

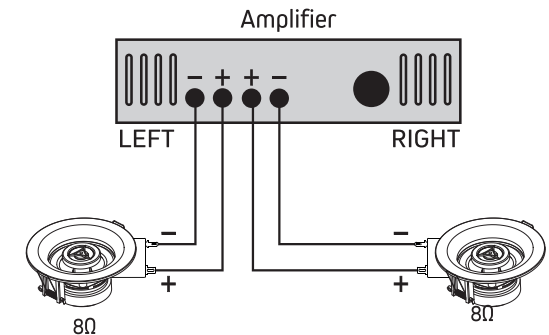


CONNECTION

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

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 "-".



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.