



# AUDIBAX CS5T 40W RMS Ceiling Installation Loudspeaker User Manual

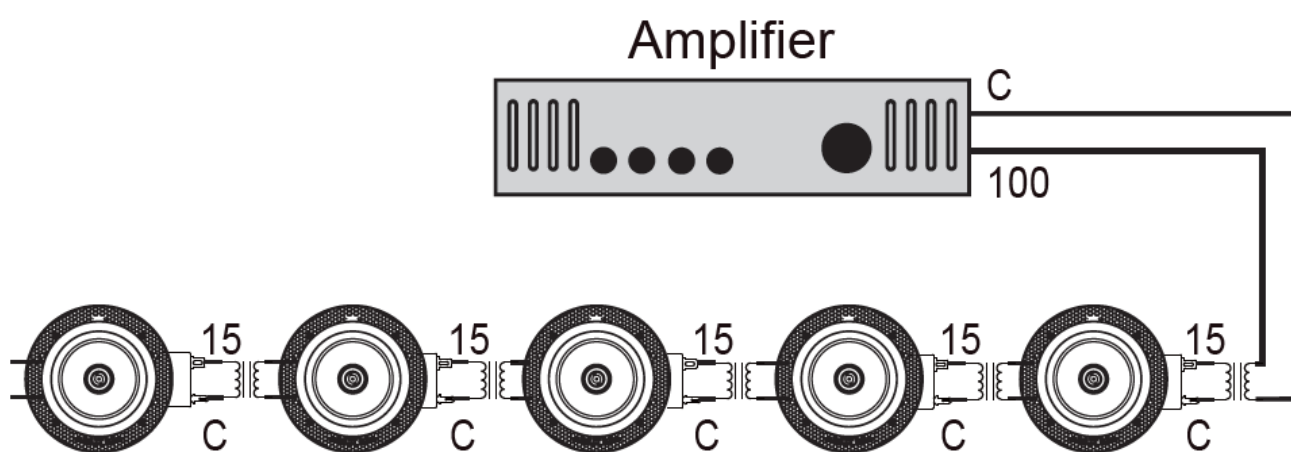
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**AUDIBAX CS5T 40W RMS Ceiling Installation Loudspeaker**



**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.

## 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

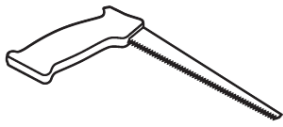
Model	CS5T	CS6T	CS8T
Woofers	5.25" Woven Glass Fiber Cone	6.5" Woven Glass Fiber Cone	8" Woven Glass Fiber Cone
Tweeter	0.75" Titanium Dome	0.75" Titanium Dome	0.75" Titanium Dome
Frequency Response	70Hz-20kHz	60Hz-20kHz	50Hz-20kHz
Sensitivity(1M/1W)	90dB	90dB	90dB
Nominal Impedance	8Ω	8Ω	8Ω
RMS Power	40W	60W	80W
Transformer	C100V: 3.75W-7.5W-15W	C100V: 7.5W-15W-30W	C100V: 10W-20W-40W
Dimensions	Ø204x78mm(Ø8"x3.1")	Ø234x87mm(Ø9.2"x3.4")	Ø284x110mm(Ø11.2"x4.3")
Cutout Size	Ø179mm(Ø7")	Ø210mm(Ø8.3")	Ø258mm(Ø10.2")

## 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)



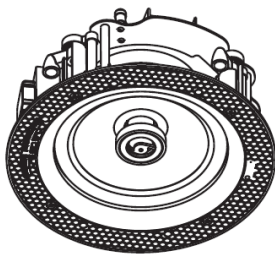
Safety  
Goggles



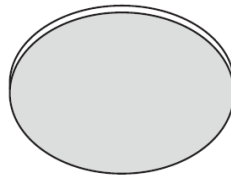
Ladder

## PACKING LIST

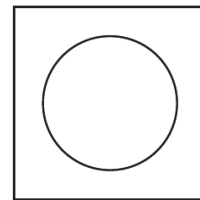
Ensure that you have received all parts according to the component checklist prior to installation. If any parts are missing or faulty, contact your place of purchase for a replacement.



Speaker



Grill



Cutout  
Template

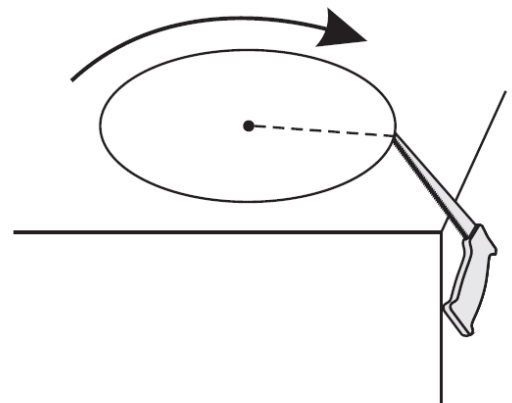
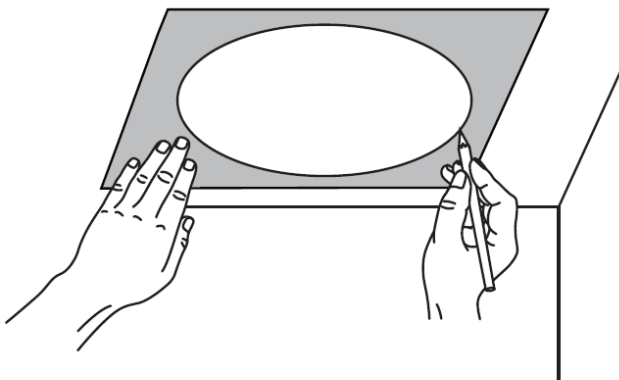


User Manual

## INSTALLATION

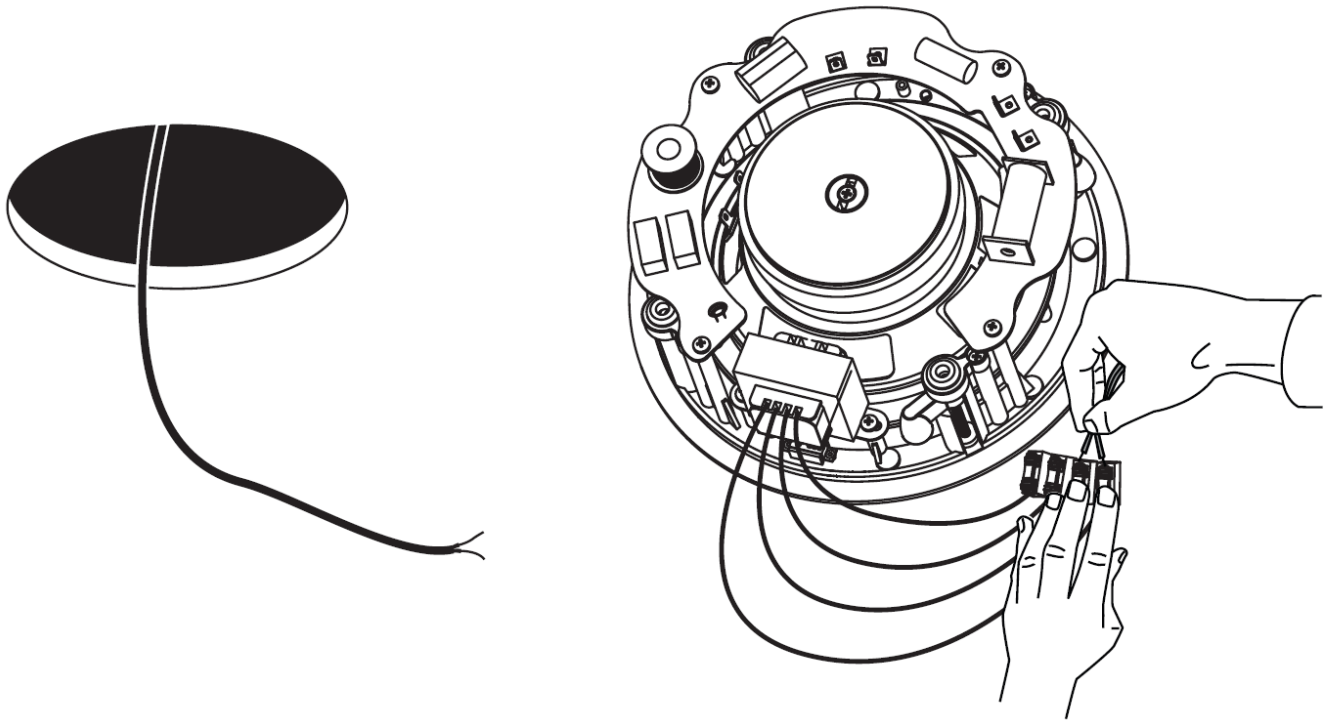
### 1. Cut the Speaker Hole

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.



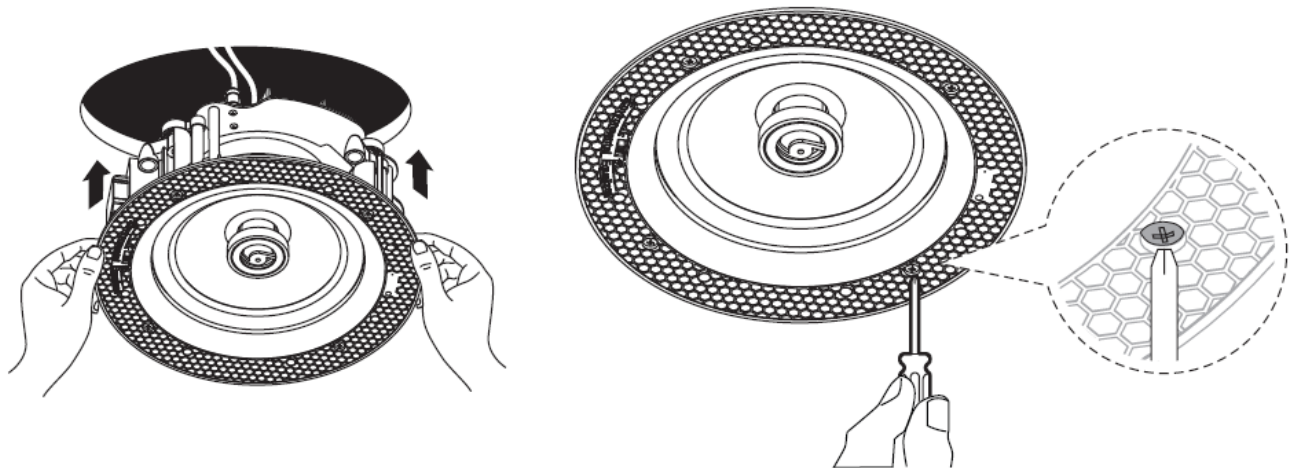
### 2. Wire the Speaker

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



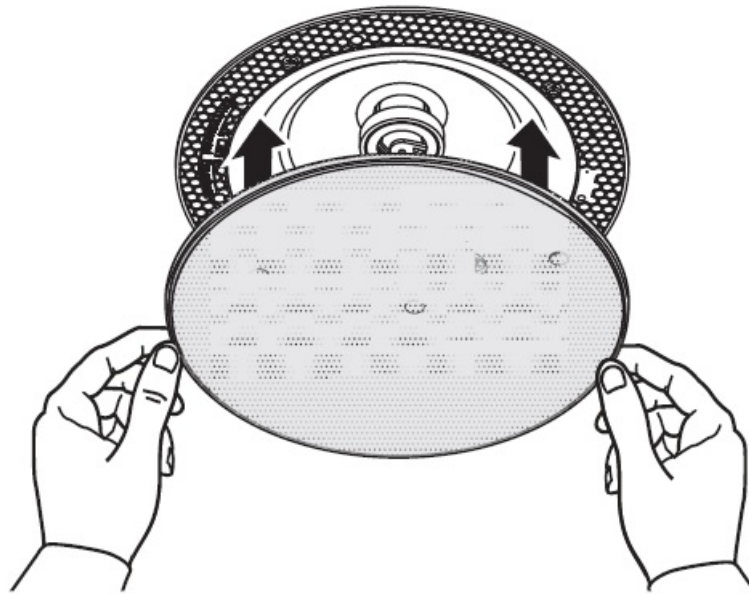
### 3. Install the Speaker

Place the speaker into the ceiling and tighten all the clamp screws with a Philips screwdriver.



### 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.



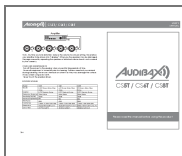
## CONNECTION

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

### Parallel Connection of Multiple Speakers

For distributed line application, built-in 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.

## Documents / Resources



[AUDIBAX CS5T 40W RMS Ceiling Installation Loudspeaker](#) [pdf] User Manual  
CS5T 40W RMS Ceiling Installation Loudspeaker, CS5T, 40W RMS Ceiling Installation  
Loudspeaker, Ceiling Installation Loudspeaker, Installation Loudspeaker, Loudspeaker