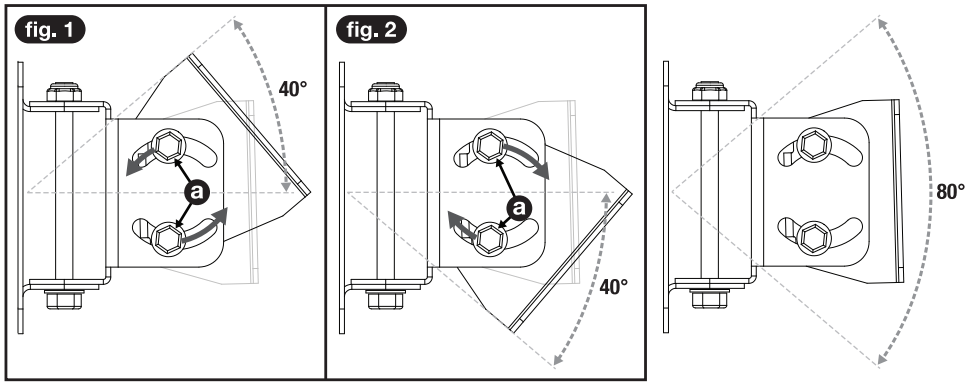
Bracket Adjustments

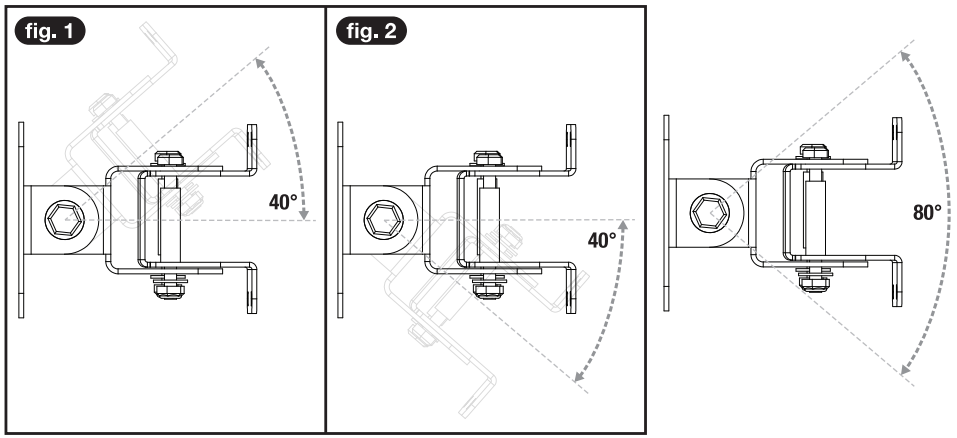
Vertical Adjustment

The CT8-SUB has a vertical adjustment radius of 80 degrees. To adjust the vertical angle of the cabinet, loosen the bolts (a) and adjust the bracket (fig. 1) up or down (fig. 2). Once you have attained the proper angle, tighten the bolts.



Horizontal Adjustment

The CT8-SUB has a horizontal adjustment radius of 80 degrees. To adjust the horizontal angle of the cabinet, move it left (fig. 1) or right (fig. 2) to the desired position.

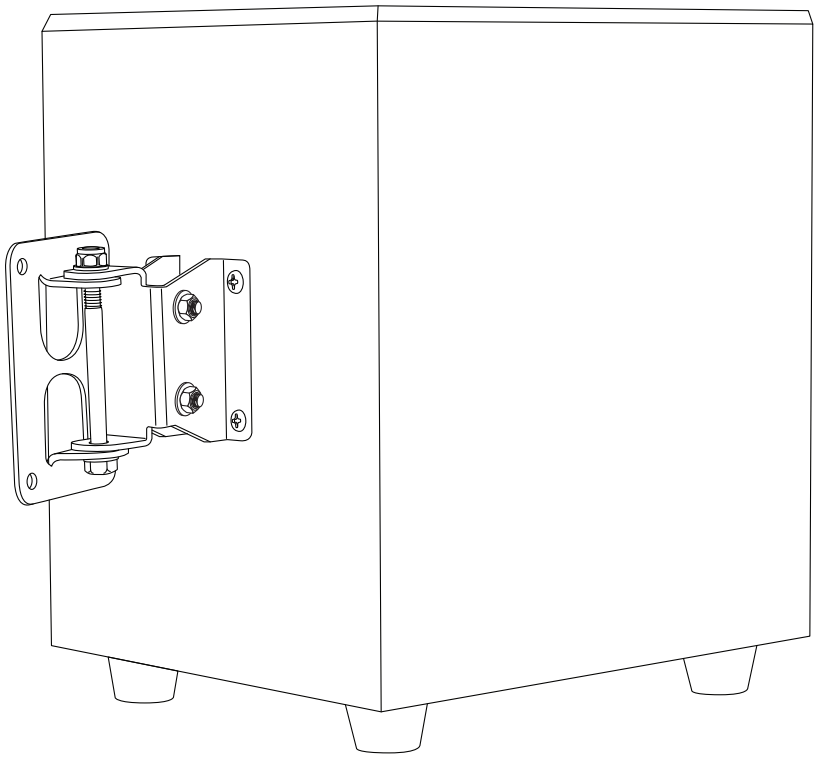


Features/Specifications

- Can be placed on the floor or mounted to a wall with included wall-mount bracket
- Built-in 70V/100V transformer
- 20oz magnet
- Banana binding post terminals accept banana cables or regular speaker wire
- 40W, 20W, 10W selectable with 70V input
- 55W, 25W, 15W selectable with 100V input
- Bypass option to run sub at 4 ohm: 80W RMS @ 4 ohm
- Frequency response: 40Hz – 800Hz
- Sensitivity: 90dB (1W @ 1m)
- Includes high quality mounting bracket
- Unit dimension: 12.4″ x 9.65″ x 12.4″
- Unit weight: 12.9LBS

RockvilleAudio.com

ROCKVILLE



OWNER'S MANUAL

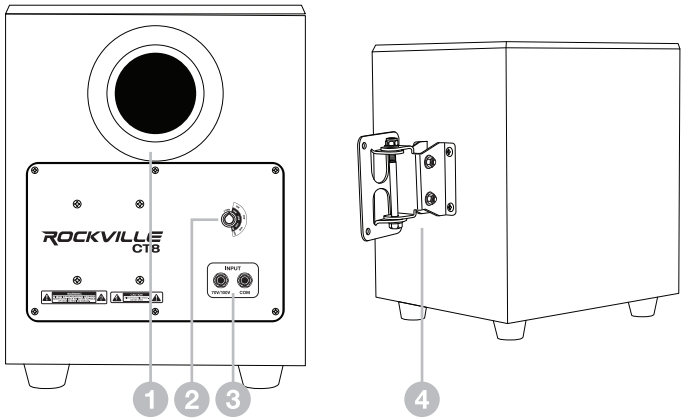
CT8-SUB

8″ 70V/100V Commercial/Restaurant Subwoofer

The Rockville CT8-SUB subwoofer is a great choice for any restaurant, office, retail store, or other commercial application. This subwoofer will make a great addition to any 70V speaker setup. Please read this guide carefully for proper use of your CT8-SUB. Should you need assistance, please call our technical help line at 1-646-758-0144, Monday through Friday, 9am to 5pm EST.

Functions

1. Port
2. 70V/100V/4-ohm tap switch
3. Binding post terminals
4. Mounting bracket



Choosing the Appropriate Tap

70-volt systems are the number one choice for any application for which you want to install multiple speakers. With 70 volt there are a lot of advantages over 4-ohm systems. One of the main advantages is the simplicity of the wiring, as well as how easy it is to match up the speakers with an amplifier. You always want your 70-volt amp to have at least 15% or 20% more power than the combined watts your speakers are tapped at. For example, if you have a 200-watt/70-volt amplifier, you can install five 70-volt speakers that are tapped at 20 watts each or fifteen 70-volt speakers that are tapped at 10 watts each as long as they total close to 175 watts. When we say the word "tap", what we are referring to is the selector knob on the back of the CT8-SUB. It allows you to set how many watts the built-in transformer will allow the sub to get from the amplifier. The taps set at 10, 20, and 40 watts for 70-volt input; 15, 25, and 55 watts for 100-volt input. This range of taps allows for full customization of the sound for the space where the speakers are installed. In a restaurant, for example, you can tap your dining room speakers at 20 watts, the speakers in the outside seating area at 40 watts, and the ones in the hallway and bathrooms at 10 watts. Another great feature of 70-volt speakers is that you can mix and match any type, whether they are wall-mounted speakers (such as these), ceiling speakers, subwoofers, etc.

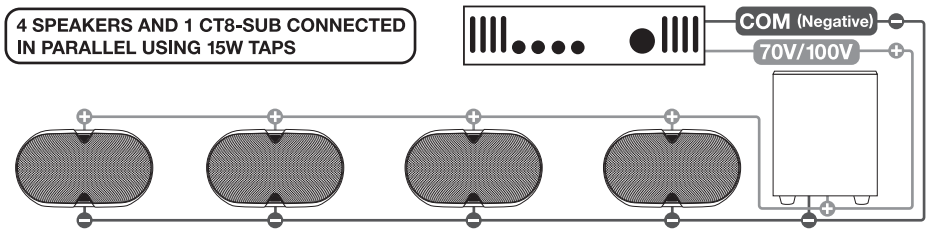
Another benefit of 70-volt speaker setups is the ability to run very long lines of speaker wire without signal loss. And, the wiring is very simple. You just connect all the positive terminals of the speakers to the positive 70-volt terminal(s) of the amplifier. The negative terminals on the speaker get connected to the negative (COM) terminal(s) of the amp. You do not have to worry about impedance as the power is constant.

Please be sure to check out Rockville's complete selection of high-quality 70-volt speakers, amplifiers, and accessories.

Setup

70V/100V Speaker Configuration

The total number of speakers multiplied by the tap value cannot exceed the output power (in watts) of your 70V amplifier. The example on the facing page shows four total speakers and the CT8-SUB. Using the 20W taps, you will need an amplifier with at least 100 watts (5 x 20 = 100W). A good rule of thumb is to select an amplifier with 15% to 20% greater power; in this case, an amplifier that delivers about 120W.



Installation

Tools needed: Phillips screwdriver, drill, wire strippers, ladder

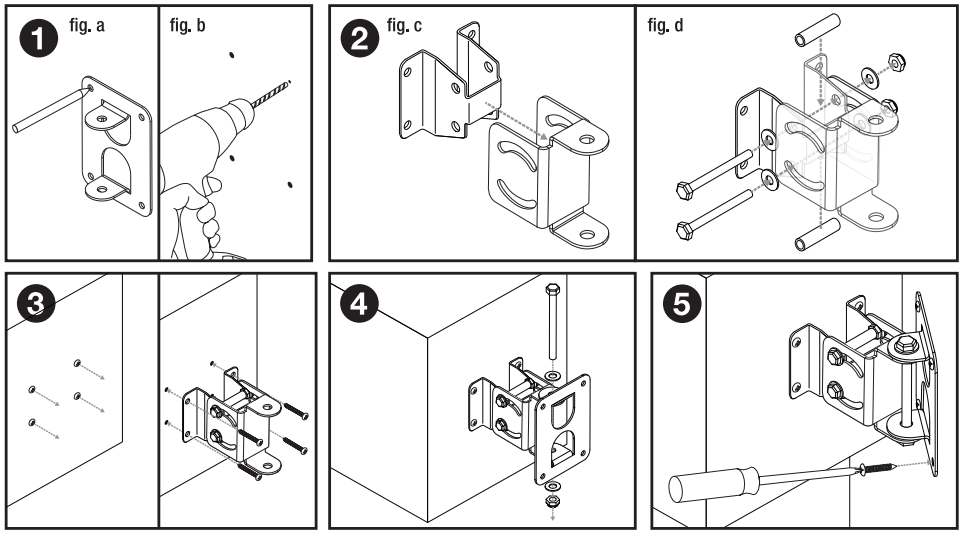
The CT8-SUB can be wall-mounted on a variety of surfaces. Make sure to place the mounting bracket at a height that will provide enough clearance for the enclosure and will allow the subwoofer to be tilted as needed.

Flat Surface

Make sure the CT8-SUB is on a flat, stable surface. Bass frequencies are omnidirectional, so the subwoofer can be placed anywhere. Try placing it near a wall or a corner for increased bass.

Drywall/Masonry

1. Using the swivel bracket mounting plate as a template, mark the mounting screw locations (fig. a). When mounting to drywall, we recommend you use a stud finder to locate the wall studs and mark their location. Drill pilot holes for the screws (fig. b). If you are installing on masonry or between studs, we recommend using anchors (included). Be sure to use the proper drill bit size for the anchors. Use no less than two anchors to secure the mounting bracket.
2. Assemble the swivel bracket by sliding the swivel bracket base to the swivel bracket (fig. c). Next, use the included bolts to secure the base to the bracket as indicated in figure d.
3. Now attach the swivel bracket assembly to the subwoofer cabinet. Unscrew the premounted screws and align the holes on the bracket to the predrilled holes on the **back panel** of the cabinet. Use the screws to attach the bracket. Make sure that the screws are properly seated and that the bracket is securely mounted.
4. Attach the swivel bracket mounting plate to the swivel bracket assembly.
5. Finally, attach the unit to the wall where you drilled the mounting screw holes. Make sure to use all four screws to secure the unit to the wall.



Wiring

BACK PANEL