

## WHO READS MANUALS?

Scan the QR codes or go to URLs to access how-to video(s), the owner's manual, and other important information you may need to get the most out of your item.

**If you prefer written instructions, please read ahead!**

*With Rockville you get many options.*



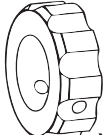
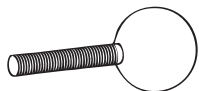
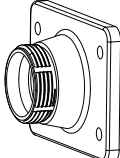




rockvillesupport.com/cube-70v-black



rockvillesupport.com/cube-70v-white

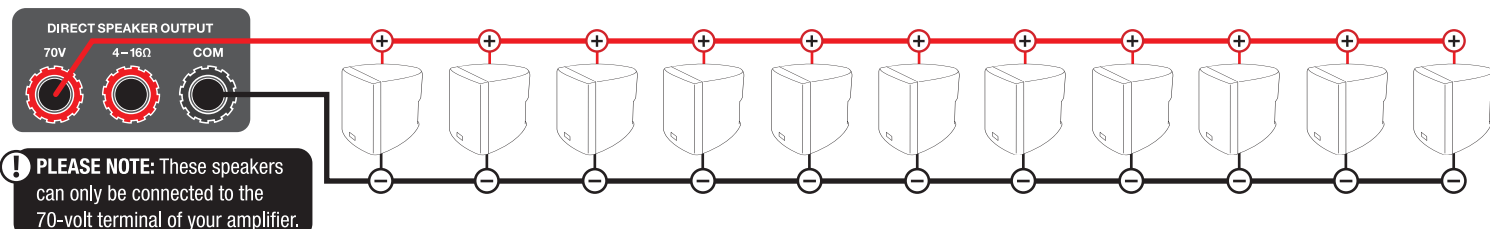
Thank you for purchasing these CUBE 70V 3.5" 70 Volt Commercial Speakers with Swivel Mounting Brackets. Please read these instructions carefully before use. Make sure all parts are included. If any parts are missing or you need assistance, please contact our technical help line at 1-646-758-0144, 24 hours a day/7 days a week.

## Included

molded nut	ball shaft	mounting bracket	safety cable	metal bar	screws	lock nut
 x2	 x2	 x2	 x2	 x1	 x8	 x2

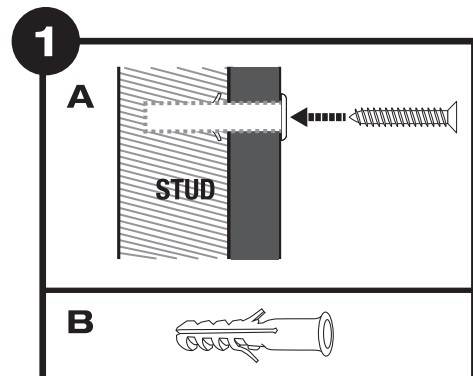
## 70 Volt Wiring:

There are four taps at the rear of the speakers. The bottom terminal is the Common or negative input. The three top terminals allow for either 1.5 watts, 3 watts, or 6 watts for 70-volt input only. This range allows for full customization of the sound for the space in which the speakers are installed. In a restaurant, for example, you can tap your dining room, hallway, and bathroom speakers at 3 watts, then the speakers in the outside seating area can be set at 6 watts. Another feature of 70-volt speakers is that you can mix and match any type whether they are wall mounted speakers (such as these), in-ceiling speakers, subwoofers, etc. 70-volt speaker set-ups allow you to run very long lines of speaker wire without signal loss. Wire the specific (1.5w, 3w, or 6w) positive terminals of the speakers to the positive 70-volt terminal of the amplifier only. The Common (negative) terminal on the speaker simply get wired to the Common (negative) terminal of the amp. You do not have to worry about impedance, the power is constant. The total number of speakers multiplied by the tap value cannot exceed the output power (in watts) of your 70V amplifier. The example below shows 11 total speakers. Using the 6W taps, you will need an amplifier with at least 100 watts ( $11 \times 6 = 66W$ ). 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.

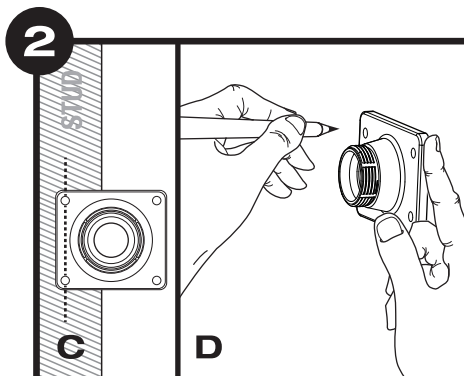


## Tools needed:

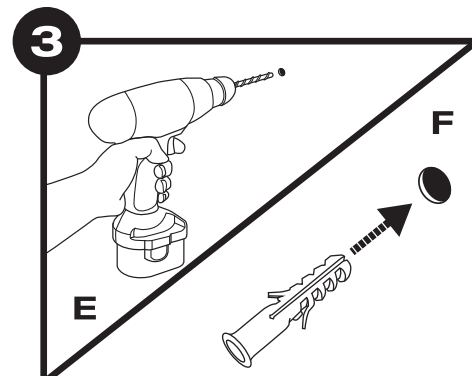
- Phillips-head screwdriver
- Small flat-head screwdriver
- Drill
- Adjustable wrench



Determine an area to install the mounting bracket. We recommend mounting it to a wood stud (A). If you must install it on drywall, use wall anchors (B). Be sure that you have chosen the appropriate type and that they are installed properly.

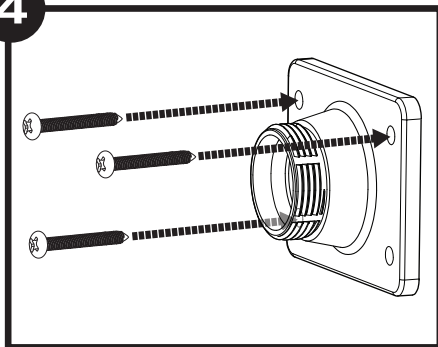


Align the left side of the bracket with a stud (C). Place a mark at the top and bottom left side openings as well as the top right opening (D).



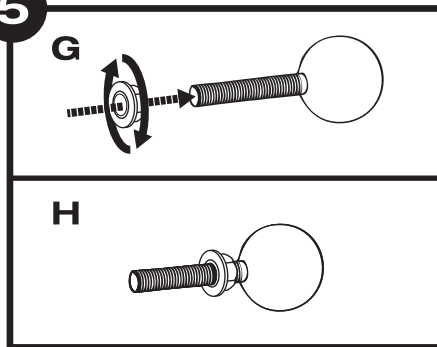
Drill holes where you made your marks (E). Ensure they properly align with the bracket. If using anchors, ensure the holes are deep and wide enough to accommodate them (F).

4



Use 3 of the included screws to secure the top left, bottom left, and top right corners of the bracket. If you are using anchors, ensure that you are using the proper screws for your anchor type.

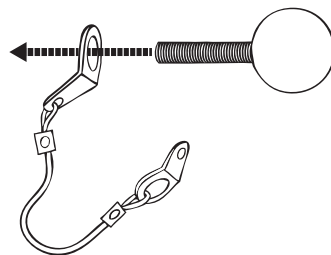
5



Thread the lock nut onto the shaft with the nut's round surface facing away from the ball (G). Tighten it all the way onto the threaded shaft as shown in the illustration above (H).

5a

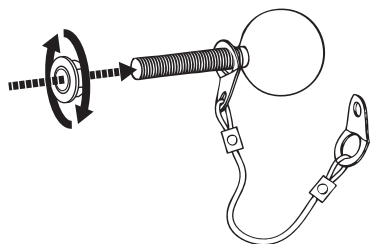
### OPTIONAL



If you are using the safety chain, slide the end with the largest opening onto the ball shaft.

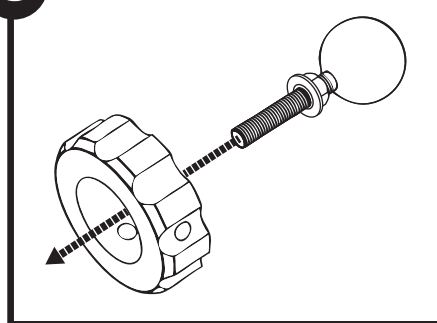
5b

### OPTIONAL



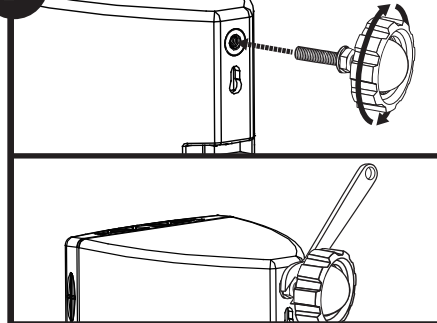
Thread the lock nut onto the shaft with the nut's round surface facing away from the ball. Tighten it all the way onto the threaded shaft, but do not tighten it flush with the ball.

6



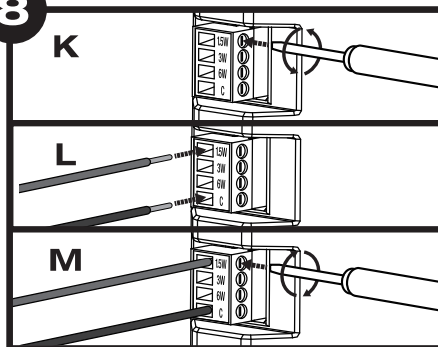
Slide the ball shaft assembly through the back of the molded nut.

7



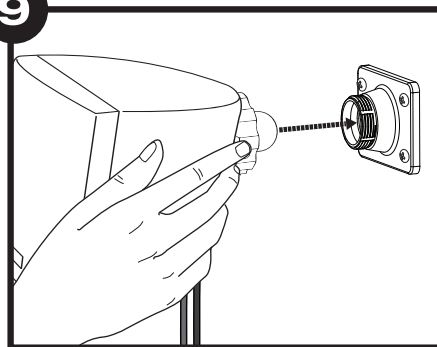
Screw the ball shaft/molded nut assembly into the threaded insert at the back of the speaker until it is fully seated against the opening (I). Use a wrench to tighten the nut and ensure it is completely flush with the speaker housing (J).

8



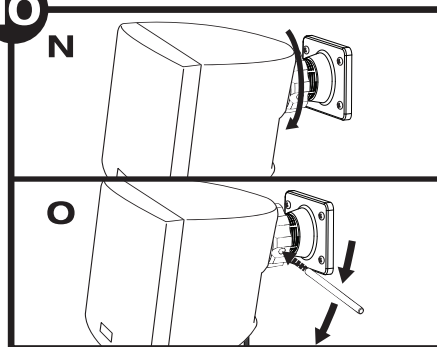
Use a small flat-head screwdriver to loosen the appropriate terminal screws (K). Strip a half inch of sheathing from the ends of the speaker wire. Insert them into the terminal openings (L). Be sure to observe proper polarity. Tighten the screws (M).

9



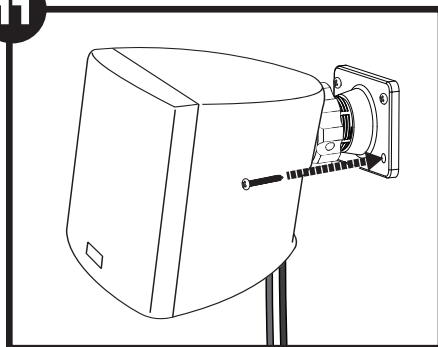
Use both hands to hold the speaker and gently push the ball into the wall bracket. Check that the ball is properly seated.

10



Hand tighten the molded nut (N). Orient the speaker in the desired direction. Insert the metal bar into one of the holes on the molded nut and tighten it to lock in the position (O). Do not overtighten.

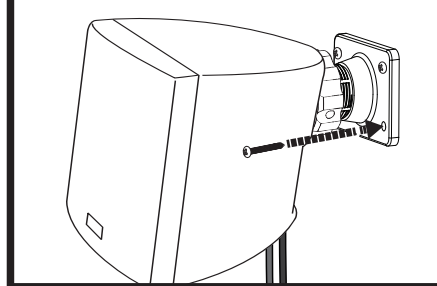
11



Insert the last screw into the lower right hand hole and tighten it.

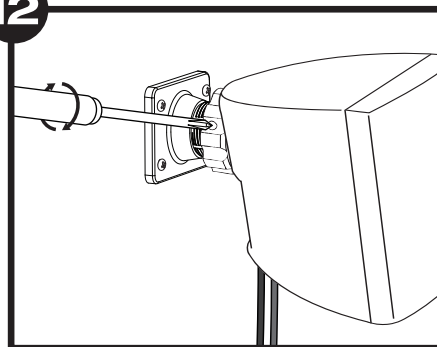
11a

### OPTIONAL



Insert the last screw into the open end of the safety cable. With the safety chain attached, insert the screw into the lower right hand hole and tighten it.

12



After making final orientation adjustments to the speaker, use a Phillips head screwdriver to tighten the screw on the side of the molded nut to ensure the bracket is fixed in the desired position. Do not overtighten.