



## BOGEN 150W 8 Ohm High-Performance Loudspeaker Instructions

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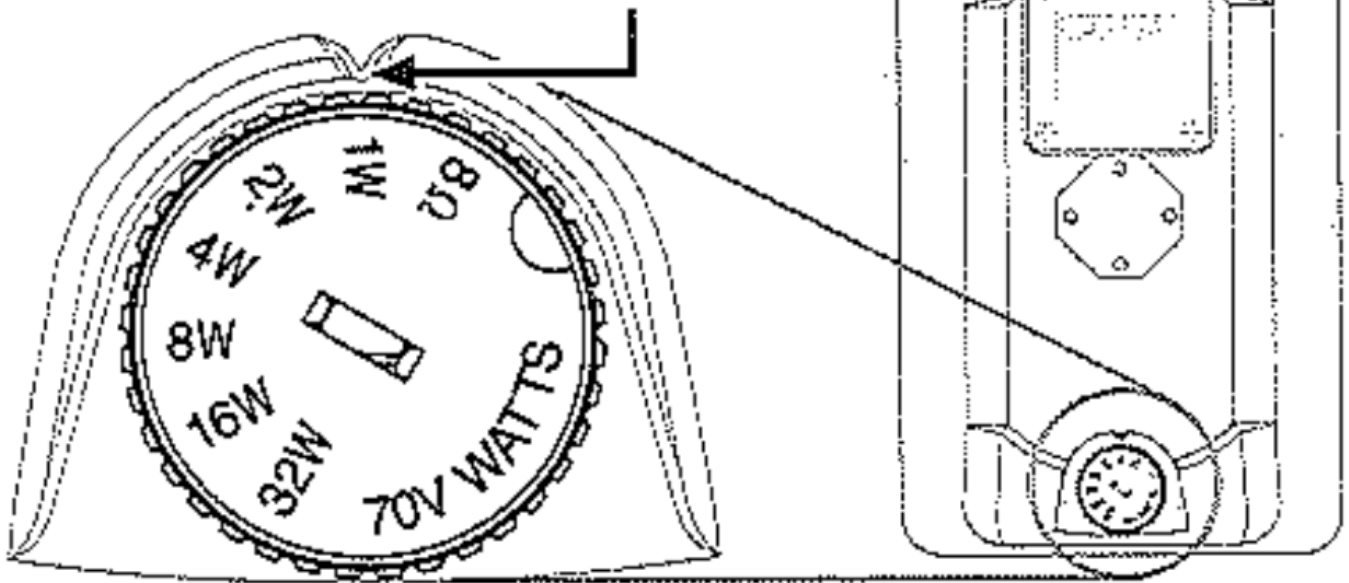
## Power Tap Selection

**S5T – 8-ohm or 70V -32W/16W/8W/4W/2W/1 W .**

**S4T – 8-ohm or 70V -16W/8W/4W/2W/1W**

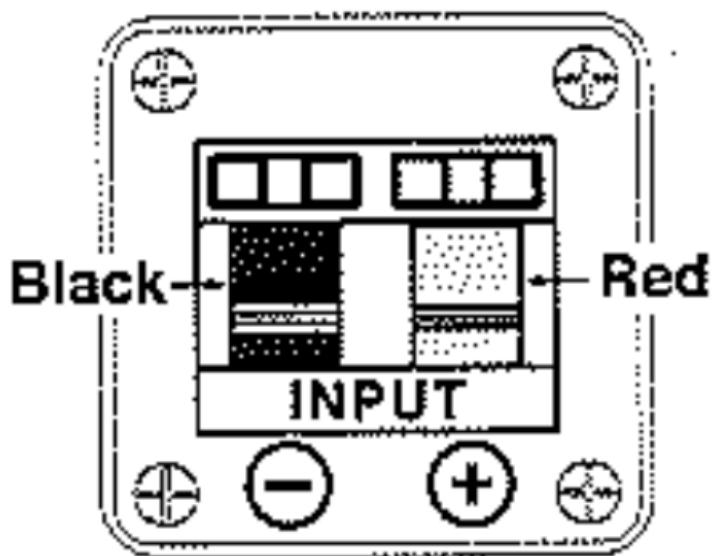
**IMPORTANT:** When connecting to a 70V amplifier, make sure that the Tap Selector is not in the “80” position.

## Tap Selection Indicator (S5T Tap shown)



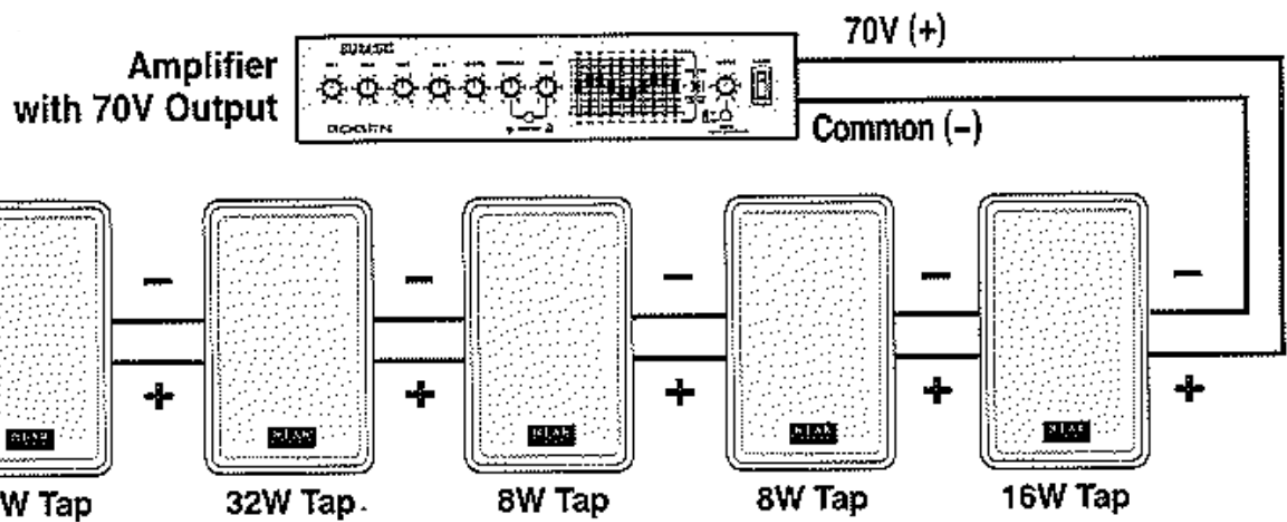
## Speaker Connections and Polarity

Strip about 1/2" of insulation from the wires. Push down on the spring clamps, and insert the wire into the hole, then release the clamp. To ensure proper polarity, wire black terminals to black terminals and red terminals to red terminals on the same speaker run.



## 70V System Configurations

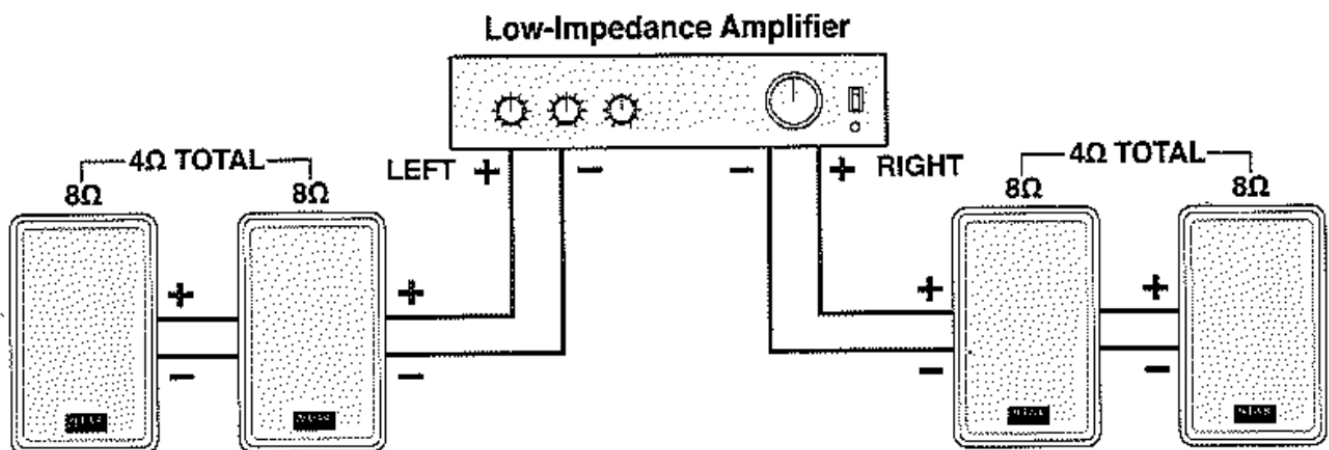
When designing a 70V system, the total of all power tap settings of all the connected speakers CANNOT EXCEED the output power of the 70V amplifier (amplifier power can exceed the sum of the speaker loads)



**EXAMPLE:**  $16 + 32 + 8 + 8 + 16 = 80$  Watts minimum amplifier output power rating.

## Low-Impedance System Configurations

When wiring together multiple NEAR Signature speakers set to 8 ohms, it is important to calculate (using Ohm's Law) the total load that these speakers present to the amplifier. The total load impedance of the interconnected speakers cannot be lower than the minimum load impedance rating of the low-impedance amplifier. Also care must be taken to ensure the amplifier cannot overdrive the speaker's max power rating.

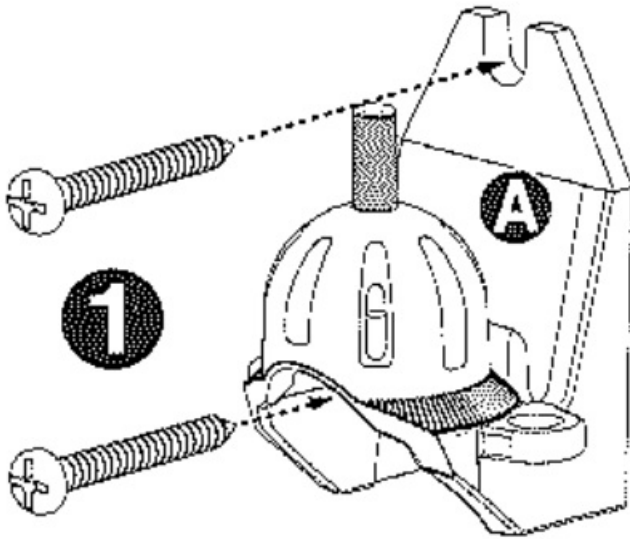


**EXAMPLE:** Two 80 speakers in parallel = 40. The amplifier must be rated to work into 40 loads. Also in this example the max amplifier output power rating (each channel into 40) should not exceed 150W for S4/T (2 X 75W) speakers or 300 for SSR (2 X 150W).

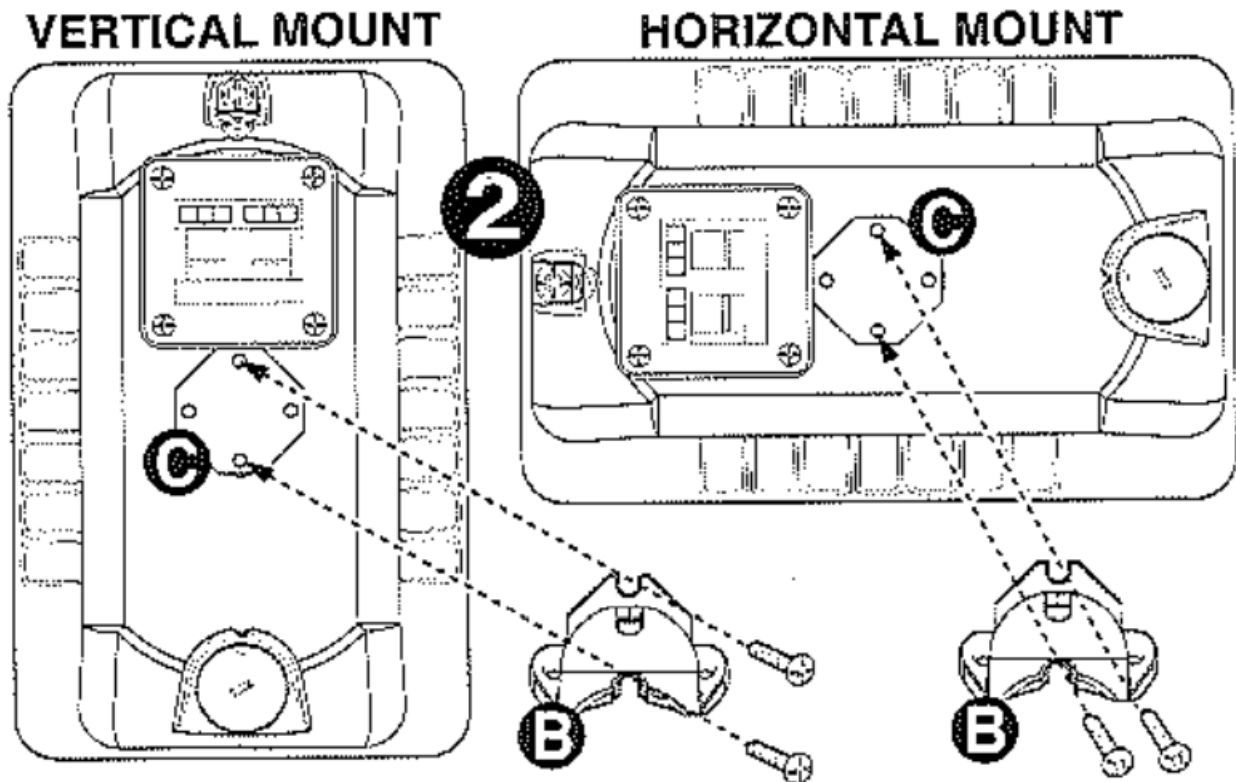
## Wall-Mounting Instructions

1. Secure Mounting Base (**A**) to wall as shown.

**IMPORTANT:** THE WALL MATERIAL AND USER SUPPLIED ATTACHMENT HARDWARE MUST BE ABLE TO RESIST A PULL OUT FORCE OF AT LEAST 10X THE WEIGHT OF THE SPEAKER



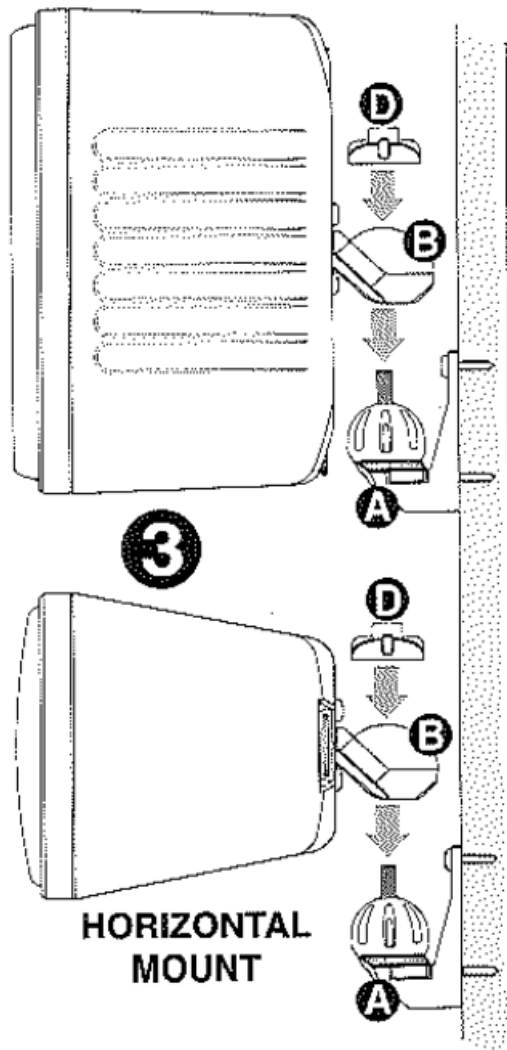
2. Determine the desired orientation (horizontal or vertical) for the speaker. Attach the Mounting Cup Bracket (B) to the indentation (C) on the back of the speaker enclosure using the two supplied MS screws as shown.



3. Connect the speaker wires to the rear input terminals on the loudspeaker. Set the speaker with Mounting Cup Bracket (B) over the Mounting Base (A). Loosely screw the Mounting Cap Nut (D) onto the Mounting Base threaded stud.

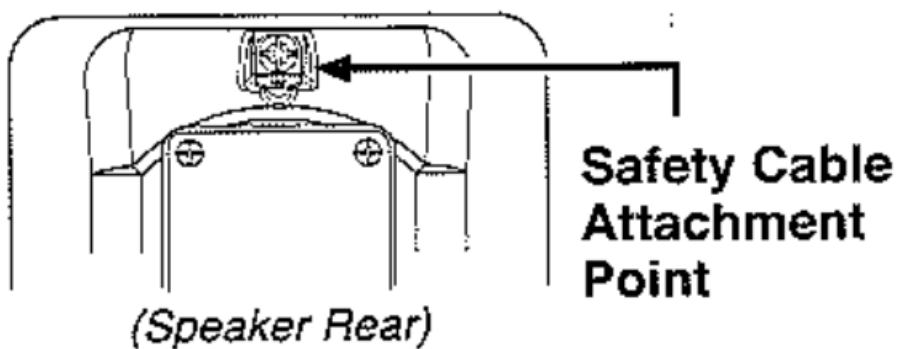
Aim the speaker and then firmly tighten the Mounting Cap Nut (D) with a 1/2" nut driver or socket wrench. Be careful not to over-tighten.

## VERTICAL MOUNT



## Safety Cable Attachment Point

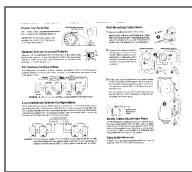
The NEAR Signature speakers provide an attachment point for a user-supplied safety cable. The other end of the safety cable must be attached to a user-supplied anchor independent of the speaker mounting hardware. All hardware, including the cable, must be rated to withstand a force 1 OX greater than the weight of the speaker.



## Care & Maintenance

If needed, you may clean the speaker cabinet by using only soap and water with a soft cloth to wipe gently.

## Documents / Resources



[BOGEN 150W 8 Ohm High-Performance Loudspeaker](#) [pdf] Instructions  
150W 8 Ohm High-Performance Loudspeaker, High-Performance Loudspeaker, 150W 8 Ohm L  
oudspeaker, Loudspeaker

Manuals+.