

PRO SUB801-70V Indoor/Outdoor Speaker User's Installation Guide

8.0" 8 ohm/70Volt, Indoor/Outdoor In-Ceiling Subwoofer

The dual purpose PRO SUB801-70V Indoor/Outdoor Constant Voltage Distribution speaker is the perfect choice for either main listening or sound reinforcement applications. It can be used in household applications or commercial distributed public address and sound systems. It is the choice of casinos. This full range speaker supplies serious sound. It is provided with a switchable 8 ohm or 70 Volt input with adjustable wattage taps. If used with 100 volt systems the wattage taps will be 30 and 15 watts. DO NOT use the 70 volt 30 watt tap on 100 volt systems. See Chart on Page 2.

The 8" Injection Molded Carbon Fiber woofer cone and butyl rubber surround are virtually impervious to the weather and insects. It delivers shock and awe.

The speaker is housed in a painted steel back-can with a Safety Tether connection. The back of the can houses the protected wiring connections and switchable wattage taps or 8 ohm knob.

This speaker color offered is white. It can be painted to match any décor. The speaker enclosure is a durable UV-resistant material that allows for both indoor and outdoor installations. The perforated powdered coated steel alloy grill is long lasting, corrosion resistant.

Electrical connection via a BX style connector in a 1/2" conduit hole is available on the back cover. Up to 16 gauge wire, is made by constant tension spring loaded terminals via a 1/2" knock out terminal cover. An external switch on the back- can allows selectable wattage taps of 60-30-15-7.5 or pass thru 8Ω.

With our 5 Year Lifetime warranty you are assured years of superior trouble free operation.



SPECIFICATIONS	PRO SUB801-70V
Driver	8" Injection Molded Carbon Fiber
Frequency Response	35Hz-300kHz
Power Handling 8Ω Power Handling 70Volts	5-150 Watts @ 8Ω 60-30-15-7.5 Watts @ 70Volts
SPL @ 1 Watt/1 meter	90db
Impedance 8 ohm Nominal	Fixed Crossovers
Retrofit Cutout Diameter	9 7/16" (240 mm)
Height X Width X Can Depth	8"(203.2mm) X 10"(273mm) X 7.5"(190.5mm)
Color	White. Black Special Order



SUB801-70V Front



SUB801-70V Back



SUB801-70V Side



SUB801-70V Back

Part Number	93200 SUB801-70V
Manual URL	www.currentaudio.com
Accessories	92084 TB8 Tile Support Bracket

Specifications subject to change without notice.



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PRO SUB801-70V In-Ceiling Sub Woofer User's Installation Guide

Packaging and Enclosed Parts

Please inspect your pack for damaged or missing parts. Notify your supplier if any discrepancies occur.

The SUB801-70V Speakers are packaged one to a box and sold as each.

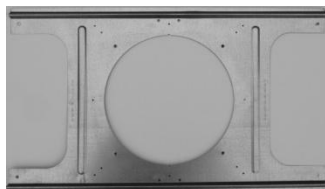
Each box includes (1) Speaker, (1) Grille(1) ½" knockout cover plate and (1) Hardwood Tree planted in the National Forest.

Install

1. Decide if you want standard 8 ohm or distributed 70/100volt speaker sound. Then chose 8 ohm or 70Volt. The PRO SUB801-70V can do either. This speaker may also be used on 100 volt systems but with derated taps. See chart below
2. Chose locations for your speakers. I suggest one Pro SUB801 every 275 sqft
3. Choose your wiring method: Home Run or Daisy chain. Suggest a pigtail if daisy chain from one speaker to the next. Use Home Run wiring in 8 ohm applications.
4. Bury your conduit or wire 18" below grade to prevent damage by tillers or shovels when planting. Prewire before hardscape concrete.
5. Insure there is enough room above to place the SUB801-70V in the ceiling or tile.
6. Use a one piece TB8 Tile Support Bracket to prevent sag. **See YouTube for video install instructions.** Cut on inside of TB8 diameter
7. For proper phasing identify the (+) and (-) on each cable.
8. If using as 70 volt the speakers they can be Daisy Chained from one speaker to the next.
9. How do I know what size 70 volt amp to use? Rule of thumb - add up all the wattage taps of the speakers then divide by .75 for safety factor. Example, suppose you have 5 speakers with the wattage tap of 30, the total wattage would be 150 watts. Divide 150W/.75 = 200W. Now select an amp of 200W or higher.
10. For 8ohm hook-up select the 8Ω position on the Tap switch on the rear of the back-can.
11. Before connecting the wires to the amplifier check the impedance with a multi-meter on the resistance scale. It should read about 6.5 ohms in the 8 ohm position.
12. If multi-meter reading is OK, observe polarities then connect to amplifier.

70 Volt Input	100 Volt Input
30 Watt	DO NOT USE
15 Watt	30 Watt
7.5 Watt	15 Watt

100 Volt Conversion Chart



TB8 Tile Support Bracket



TB8 Tile Support Bracket used as a template



Tile-Bracket-Speaker

Limited 5 Year Warranty

Current Audio, LLC speakers and accessories are warranted to be free from defects in materials and or workmanship to the original retail purchaser for a period of 5 years provided the equipment was purchased and installed from a Current Audio, LLC Authorized Dealer.

In the event of defective materials and or workmanship, Current Audio, LLC will, without charge, repair or replace, at its option, the defective product. In order to make claim under this Warranty and to obtain performance of any obligation under warranty, please contact Current Audio. Instructions will be given on how to return the defective product to Current Audio. Returned products must be shipped prepaid. Proof of purchase must be provided with the product.

The Warranty does not apply to damage not resulting from defective materials and or workmanship while in the possession of the original consumer or due to unreasonable use by the original consumer, which includes but not limited to improper installation, negligence, unauthorized repair or modification, aesthetic deterioration from the environment. Products purchased by unauthorized sources will void the warranty and not be honored.

Current Audio, LLC is not liable for any incidental or consequential damages, so the above limitations or inclusion may not apply to you. This warranty gives you specific legal rights, and you may have other rights, which vary from state to state within the United States.