

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

## 8.0"/6.5" 2-Way 8ohm/70Volt, Indoor/Outdoor Dual Purpose, Loudspeaker

The dual purpose OC8B/OC65B 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. This ported bass reflex speaker supplies serious sound. It is provided with a switchable 8 ohm or 70Volt input with adjustable wattage taps.

The graphite mica mineral injected polypropylene woofer cone and butyl rubber surround are virtually impervious to the weather and insects. It delivers shock and awe. The 1" titanium tweeter presents clear crisp high frequencies to complement the hard driving bass.

The OC8B-70V can also be utilized as a stand alone subwoofer with or without an equalizer. In this function the OC8B 70V can be employed to launch deep bass into the listening area further enhancing the sound quality of your system.

This speaker color is offered in black. 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 aluminum alloy grill is long lasting, corrosion resistant, rust free and Coast Guard Approved.

Included in the package is a universal heavy gauge mounting kit. The kit includes a rust proof serrated U bracket and large easy to install positive locking knobs. The knobs are attached to the matching serrated area on the zero balanced point of the enclosure via threaded studs. This allows the speaker to easily be positioned to place the sound where you want it. Hand tightening the knobs will clamp the speaker in place. The speaker may be mounted either horizontally or vertically.

Electrical connection, up to 14 gauge wire, is made by a detachable four screw loaded terminal block for speaker IN/OUT via a 1/2" knock out terminal cover. An external switch allows selectable wattage taps of 60-30-15-7.5 or pass thru 8Ω. See Specifications.

One Hardwood Tree per pair is planted in the National Forest to offset the Styrofoam packaging. Current Audio is listed as a Green Manufacturer of products.

With our limited 5 year warranty you are assured years of excellent sound and trouble free operation.



SPECIFICATIONS	PRO OC8B-70V	PRO OC65B-70V
Driver	8" Mica Filled Polypropylene	6.5" Mica Filled Polypropylene
Tweeter, 1" (25.4mm) Dome	Titanium	Titanium
Frequency Response	42Hz-20kHz	47Hz-20kHz
Power Handling 8Ω Power Handling 70Volts	5-150 Watts @ 8Ω 60-30-15 Watts @ 70Volts	5-125 Watts @ 8Ω 30-15 -7.5 Watts @ 70Volts
SPL @ 1 Watt/1 meter	90.5db	90db
Impedance 8 ohm Nominal	Fixed Crossovers	Fixed Crossovers
Height X Width X Depth	16.5"(419m) X 11"(279.4mm) X 10"(254mm)	12.13"(308mm) X 8.5"(216mm) X 14.75"(200mm)
Color	Black	Black

Part Number	92089 OC8B-70V Black; 92033 OC65B-70V
Manual URL	www.currentaudio.com
Accessories	Volume Control ZL45R, ZL60S



PRO OC8B-70V Top



PRO OC65B-70V Back



Tap Switch



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## Packaging and Enclosed Parts

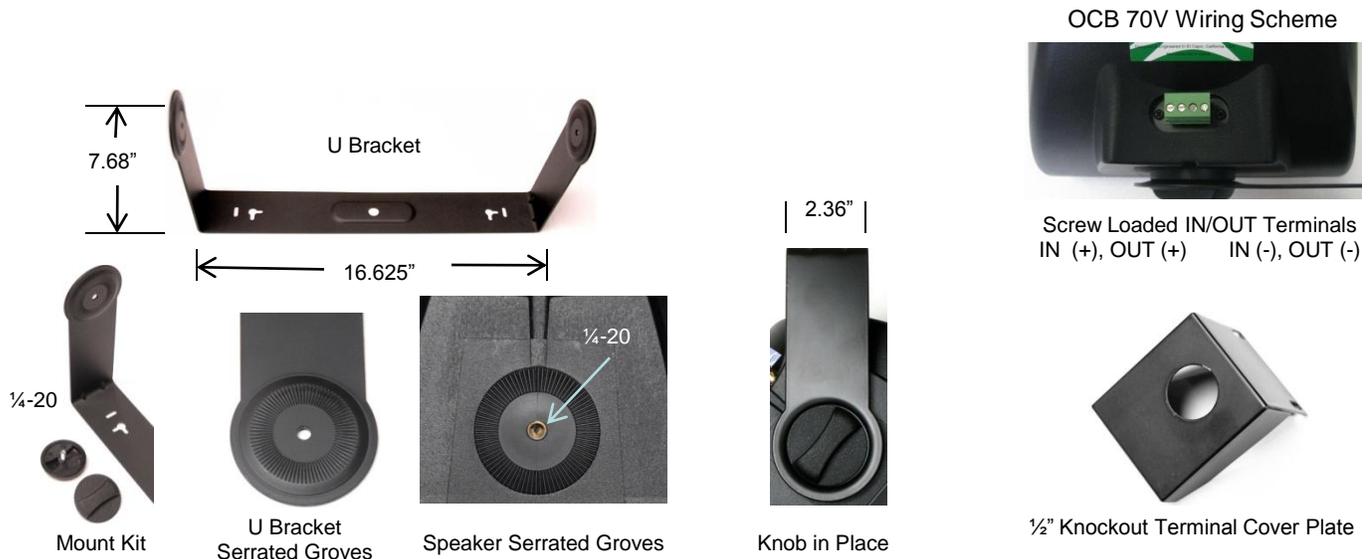
Please inspect your pack for damaged or missing parts. Notify your supplier if any discrepancies occur.

The PRO OC8B-70V Cabinet Speakers are packaged one to a box and sold as each. The PRO OC65-70V are packaged as a pair.

Each OC8B-70V:OC65-70V box includes (1:2) Speaker, (1:2) U Bracket, and (2:4) Knobs, (1:2) 1/2" knockout cover plate and (1) Hardwood Tree planted in the National Forest.

## Install

1. Decide if you want standard two speaker stereo sound or one reinforcement subwoofer speaker sound. Then choose 8 ohm or 70Volt. The OC8B/OC65B 70V can do either.
2. Choose locations for your speakers. If using two separate speakers, keep in mind your "sweet spot" the area where you will spend most of your time.
3. Choose your wiring method: Wall Mount, PVC conduit or Direct Burial cable. 14 gauge low voltage Malibu direct burial cable works fine and is readily available.
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 to place the PRO OC8B-70V or PRO OC65B-70V to enable aiming and rotation.
6. Mount the U-Bracket first then attach the speakers with the (2) positive locking knobs. Aim the speaker then tighten the knobs to secure in place.
7. The knobs are a male 1/4-20 thread that mate to the 1/4 -20 insert on the speaker.
8. Carefully identify IN and OUT cables at both ends. For proper phasing identify the (+) and (-) on each cable.
9. If using as 70 volt the speakers can be Daisy Chained from one speaker to the next.
10. 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 10 speakers with the wattage tap of 15, the total wattage would be 150 watts. Divide 150W/.75 = 200W. Now select an amp of 200W or higher.
11. Connect the amplifier Output wire to the IN on the green connecting block of the PRO OC-70V speaker. Observe polarity. Then connect the OUT to the next speaker till the end.
12. If using the OC8B-70V as a Subwoofer choose an amplifier with enough power handling capabilities. In 70 Volt. Use 60 Watt or 30 Watt Tap.
13. Before connecting the wires to the amplifier check the impedance with a multi-meter on the resistance scale. Make sure there are no shorts. (0 resistance)
14. If multi-meter reading is OK then connect to amplifier.
15. If using a volume control we suggest using a Current Audio ZL45RW and placing it inside the house for easy control and to protect it from the elements.



### 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.