IO-510 BOX CONTENTS

(2) Cabinet Speakers
(2) Attached "U" brackets

(8) rubber feet

Owner's Manual
Warranty Card

REAR CONFIGURATIONS

Elegant cover
conceals and protects
connection terminals

Shown with
the included
U-Bracket

rear mounted view
with SE-DBLSVL
Swivel Bracket
(not included)

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Rev. A

RoHS
conform

CEDIA ®

Endeavor ®

IO-510

2-way Cabinet
Indoor / Outdoor
Loudspeaker

SPECIFICATIONS

Poly Woofer:	5-1/4"
Frequency Response:	42 - 21K Hz
Power Handling:	50 / 100 watts nom. / max.
Sensitivity:	90 dB 1 watt / 1 meter
Impedance:	8 ohms
Woofer / Tweeter:	Poly woofer with butyl rubber surround 1" Mylar soft dome pivoting tweeters
Grille:	Rust proof Perforated Aluminum Grille which is epoxy painted for long life in high humidity and salt air environments.
Available Colors:	White (IO-510W) & Black (IO-510B) All cabinets, grilles & brackets are paintable to match your decor.
Warranty:	*Lifetime Limited Warranty*

FEATURES

Sealed, port-less design enclosure prevents bugs and moisture from entering cabinet.

Versatile mounting options, includes standard type "U" bracket, and mounting bosses on rear for optional double-swivel mounting brackets.

Installation Using Optional **Double Swivel Bracket**

Follow the manufacturers instructions for the installation of the bracket. To prepare the speaker for this type of bracket, remove the endcaps by pulling the back end of them away from the enclosure. Loosen and remove the brass thumb screws that hold the bracket to the speaker. Remove the bracket and replace the thumbscrews. Tighten them securely with your fingers. Slip the front edge of the endcaps into the available grooves and press the endcaps back into place ensuring that they engage with the thumbscrews. The bracket is attached to the back of the speaker using ¼-20 screws or bolts. The length of the hardware will be determined by the bracket thickness but it will likely be about 1/2" to 5/8" in length. It will be necessary to remove the terminal cover from the back of the speaker. To do this, use your finger(s) to pull back on the bottom of the cover at the relief in the enclosure.

Installation Using the Included **U-Bracket**

1) Determine the installation location of the speaker. Use care to ensure the structure has the ability to carry the weight of the speaker. We recommend that the speaker be located where there is a stud or other support structure especially if the speaker will be oriented horizontally. If attaching to sheetrock (gypsum board), ensure that you use suitable hardware such as toggle anchors (not supplied).

2) Measure the hole-spacing on the bracket and transfer these dimensions to the mounting surface.

3) Install the attachment hardware, drilling holes as necessary.

In most installations the bracket will need to be removed from the speaker so that it can be tightened to the mounting surface without obstruction.

Installation Using the Included **U-Bracket** *(continued)*

4) Remove the endcaps by pulling the back end of them away from the enclosure.

5) Remove the bracket from the speaker by loosening and removing the brass thumb screws that hold the bracket to the speaker.

6) Screw the bracket to the mounting surface. Either set of holes may be used (slots or keyholes). If the wire is coming through the wall then it can be passed through the center-hole in the bracket if desired or practical.

7) Prepare the wire for termination by stripping back the insulation approximately ½" (13mm).

8) Remove the terminal cover from back of the speaker using your finger(s) to pull back on the bottom of the cover at the relief in the enclosure.

9) Attach the speaker to the bracket making the thumb screws finger tight.

10) Rotate the speaker into position so the input terminals can be accessed.

11) Pass the wire through the cover and connect it to the input terminals, observing polarity to ensure consistency.

12) Snap the terminal cover into place and rotate the speaker in the desired direction.

13) Tighten the thumb screws. A screwdriver may be used to ensure they are tight.

14) Re-install the endcaps.

Rev. A