

 episode

INSTALLATION MANUAL

ES-500-AW-4

ECS-500-AW70V-4

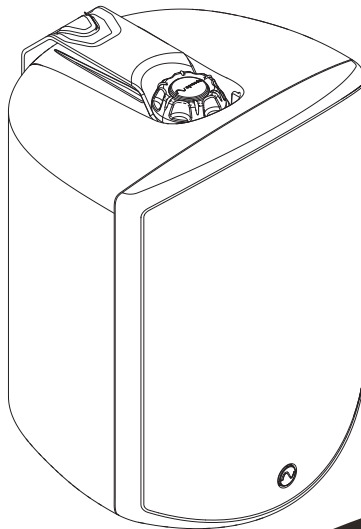
ES-500-AW-6

ECS-500-AW70V-6

ES-500-AW-DVC-6

ES-500-AW-8

ECS-500-AW70V-8



REAL. LIFE. SOUND.





INTRODUCTION

Welcome to Episode® Speakers. We appreciate your purchase and are committed to providing the highest-quality products possible.

The Episode® All-Weather models are a superb choice for almost any type of outdoor audio installation or any location where moisture can be a problem. Designed with advanced technological components that allow for high performance, these speakers will provide a lifetime of enjoyment.

IMPORTANT INSTRUCTIONS AND CONSIDERATIONS

Read and understand all instructions.

Carefully plan location and account for potential electrical, plumbing or other obstacles before beginning installation, .

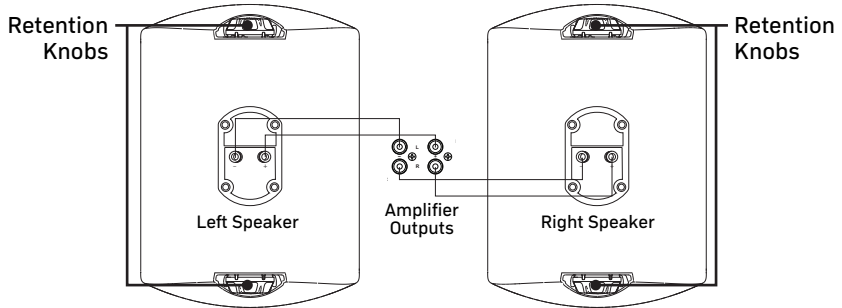
SPEAKER WIRE

To connect the speakers to an AV Receiver or Amplifier, high-quality 14 to 16 gauge stranded speaker wire is recommended. Connect the left and right wires directly to the corresponding left and right binding posts on the speaker. Dual voice coil speakers (ES-500-AW-DVC-6) have two sets of terminals to connect per speaker and require 2 runs of speaker wire to each speaker. See page 4 for a connection diagram.

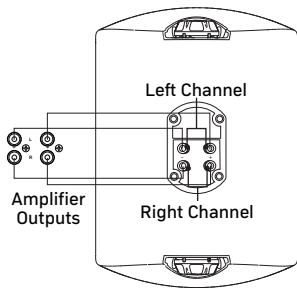


ES-500-AW-X CONNECTIONS

Connect ES-AW-X speakers to a left and right channel of an amplifier ensuring correct polarity (+ to + and - to -).

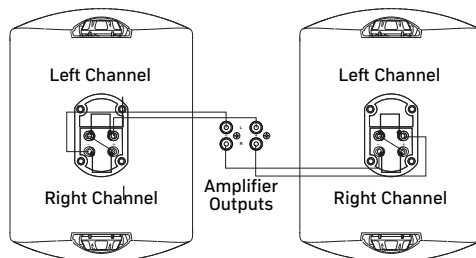


ES-500-AW-DVC-6 CONNECTIONS



The ES-500-AW-DVC-6 has two sets of terminals (one for each channel). Each input is 8 ohms and a receiver or amplifier capable of 8 ohms speaker load must be used. Connect the Left channel to one set of terminals and the Right channel to the other set.

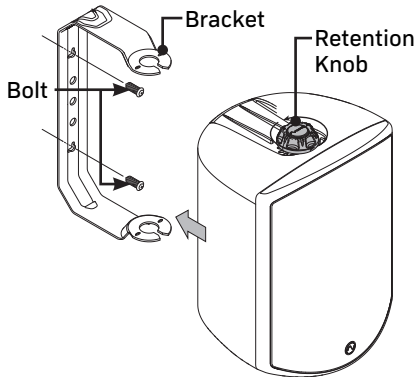
If connecting one ES-500-AW-DVC-6 per channel, the two speaker input terminals should be connected in series (not parallel) as shown below. Connect a jumper (speaker wire) as shown. The speaker is then 16 ohms.





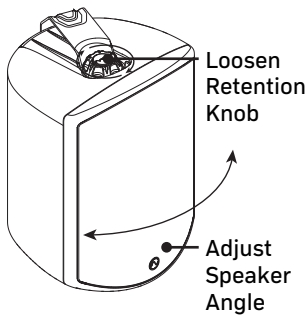
INSTALLATION

MOUNTING



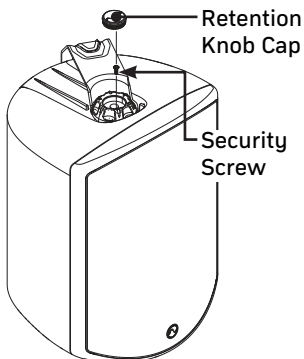
The ES-AW-X speakers are supplied with a U-shaped wall mounting bracket that can be installed vertically, horizontally or under eaves. Use screws, bolts, or anchors (not included) that are capable of supporting the weight of the speaker (see illustration) to mount the bracket.

Once the bracket is mounted, loosen the retention knobs on both side of the speaker and slide the speaker onto the bracket until it clicks into place, then tighten the knobs to secure.



ANGLE ADJUSTMENT

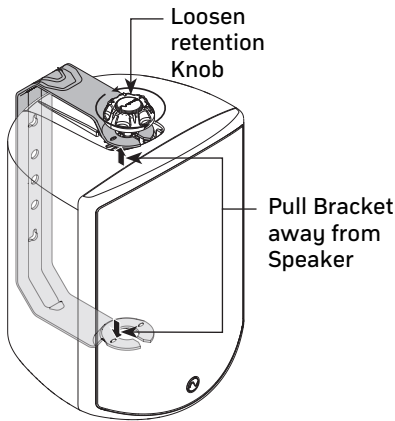
To adjust the speaker angle, loosen both retention knobs on the sides of the speaker, rotate the speaker to the desired angle, then tighten the retention knobs to secure. The speaker does not need to be removed from the bracket and will be supported by the bracket during adjustment.



SECURITY

Once the speaker is in the desired position and secured, insert the included safety screw. Remove the cap on the retention knob to access it. Replace the cap once the security screw is tightened.

DETACH SPEAKER FROM BRACKET



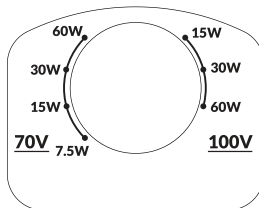
To remove the speaker from the bracket, loosen both retention knobs on the sides of the speaker. Pull the bracket away from the top and bottom of the speaker and then slide the speaker from the bracket.

ADJUSTMENTS

Refer to the manual for the receiver or amplifier to make sound adjustments such as bass, treble and balance to obtain the preferred sound.

ECS-500-AW70V Speaker Tap Settings

The 70V speakers have an adjustable tap setting switch located under the removable rear cover. To adjust, rotate the tap setting dial on the rear of the speaker to the desired setting.



The 70V speakers used in 70/100 volt systems can be set to different wattages for more or less volume at one particular speaker. Making it much easier to fine tune a system for even listening volume.

CAUTION: The speaker tap must be set accordingly for the load capacity of the amplifier in use. Setting the transformer incorrectly for the amplifier used could damage the speakers or amplifier.

When the adjustments are complete and fully tested, install the rear cover of the speaker and press into place until secure.



CONNECTING, CALIBRATING AND CHECKING SPEAKER PHASE

Perform the following steps to ensure proper speaker connection.

1. At each speaker connection, ensure that the outer jacket is separated by at least 2 inches.
2. Strip the insulation on each conductor approximately ¼" and insert into the speaker terminals.
 - Ensure that there are no stray strands of wire protruding from the connectors.
 - Observe proper polarity (+ to + and - to -) for each speaker and at the amplifier).
3. Turn on the home theater receiver and calibrate all speakers in the system according to the receiver (or surround processor) manufacturer's instructions.

Verifying Phase

When proper polarity is not maintained, the speakers play at the opposite 'time' from each other, or out of phase. The result is audio with lack of bass and vocals that sound thin or distant. Try the test outlined below if receiver calibration does not produce optimal sound.

1. Sit in the normal listening position for the system.
2. Play some music with your receiver set to Mono.
3. Listen to the music and observe the audio.
 - Does the bass sound full and even with the other audio?
 - Do the vocals sound centered and even in volume?

If either of the answers are YES, follow steps 3 and 4 with any other speakers in the system.
4. Turn off your receiver and reverse the connections for one of the speakers.
5. Repeat your test at the same volume level. When the sound has the loudest and best sounding bass, and vocals are centered and clear, your connections are correct and in-phase.

CLEANING

Use a soft cloth or paper towel with mild detergent to clean the speaker.

**SPECIFICATIONS**

Product	ES-500-AW-4	ECS-500-AW70V-4
Connector Type	Gold-Plated Push Terminals	Gold-Plated Push Terminals
Dimensions Without Bracket (L x W x H):mm L=Depth	170 x 167 x 248	170 x 167 x 248
Dimensions With Bracket (L x W x H):mm L=Depth	183 x 167 x 248	183 x 167 x 248
Nominal Impedance	8 ohms	N/A
Line Voltage	N/A	70.7V / 100V
Tap Settings	N/A	3.75W, 7.5W, 15W, 30W
Woofers	5" Polypropylene cone woofer with vacuum-deposited titanium	5" Polypropylene cone woofer with vacuum-deposited titanium
Tweeter	3/4" Pure titanium dome tweeter	3/4" Pure titanium dome tweeter



Product	ES-500-AW-6	ECS-500-AW70V-6	ES-500-AW-DVC-6
Connector Type	Gold-Plated Push Terminals	Gold-Plated Push Terminals	Gold-Plated Push Terminals
Dimensions Without Bracket (L x W x H):mm L=Depth	183 x 193 x 284	183 x 193 x 284	183 x 193 x 284
Dimensions With Bracket (L x W x H):mm L=Depth	196 x 193 x 284	196 x 193 x 284	196 x 193 x 284
Nominal Impedance	8 ohms	N/A	8 ohms per channel
Line Voltage	N/A	70.7V / 100V	N/A
Tap Settings	N/A	7.5W, 15W, 30W, 60W	N/A
Woofers	6" Polypropylene cone woofer with vacuum-deposited titanium	6" Polypropylene cone woofer with vacuum-deposited titanium	6" Polypropylene cone woofer with vacuum-deposited titanium
Tweeter	1" Pure titanium dome tweeter	1" Pure titanium dome tweeter	Dual 3/4" Pure titanium dome tweeters



Product	ES-500-AW-8	ECS-500-AW70V-8
Connector Type	Gold-Plated Push Terminals	Gold-Plated Push Terminals
Dimensions Without Bracket (L x W x H)	219 x 232 x 321	219 x 232 x 321
Dimensions With Bracket (L x W x H)	232 x 232 x 321	232 x 232 x 321
Nominal Impedance	8 ohms	N/A
Line Voltage	N/A	70.7V / 100V
Tap Settings	N/A	7.5W, 15W, 30W, 60W
Woofers	8" Polypropylene cone woofer with vacuum-deposited titanium	8" Polypropylene cone woofer with vacuum-deposited titanium
Tweeter	1" Pure Titanium Dome	1" Pure Titanium Dome



WARRANTY

Limited Lifetime Warranty

Episode Speakers have a Lifetime Limited Warranty. This warranty includes parts and labor repairs on all components found to be defective in material or workmanship under normal conditions of use. This warranty shall not apply to products which have been abused, modified or disassembled. Products to be repaired under this warranty must be returned to Snap AV or a designated service center with prior notification and an assigned return authorization number (RA).

CONTACTING TECHNICAL SUPPORT

Episode amplifiers are designed to function trouble-free. Most problems that occur are due to simple issues. If having trouble, contact Technical Support at 866-838-5052.

(866) 838-5052

techsupport@snapav.com

snapav.com



© 2017 Episode®
Rev: 170410-1000