

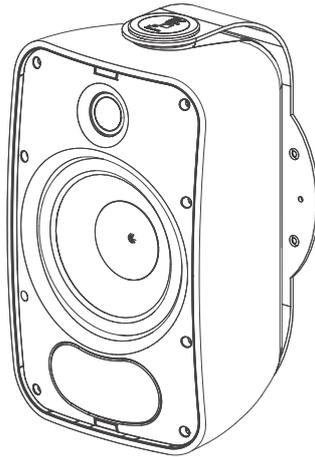
# SONANCE

## MAG06V3

### OUTDOOR SPEAKER

### INSTRUCTION MANUAL

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installation video

# SONANCE OUTDOOR SPEAKER MAGO6V3 INSTRUCTION MANUAL

## INTRODUCTION

Thank you for purchasing Sonance MAGO6V3 speakers.

When properly installed, these speakers will give you many years of outdoor entertainment pleasure. To get the most out of your new speakers, please read this manual thoroughly before you begin installation.

## BOX & CONTENTS

- (2) Sonance MAGO6V3 speakers
- (2) Speaker grilles
- (2) Mounting brackets
- (2) Wire terminal covers
- (1) Set of mounting hardware

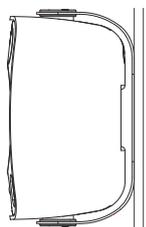
## SPEAKER PLACEMENT

**Sonance MAGO6V3 Speakers** are highly weather-resistant, and when mounted outdoors will perform exceptionally well for years even under adverse weather conditions.

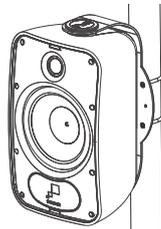
The Sonance FastMount® bracket system makes it easy to mount the speakers in a variety of positions and locations: (see figure 1).

The best performance is obtained by placing the speakers at ear level, facing the listeners.

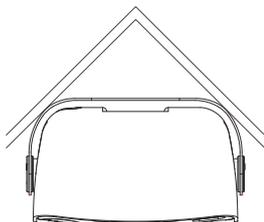
- If you are mounting the speakers above or below ear level, pivot them up or down to direct the sound towards the listeners.



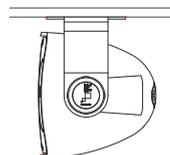
Against a wall  
(flush)



Pole mount  
(hardware sold separately)



In a corner



Under an eave

FIGURE 1:  
SPEAKER PLACEMENT

## CONNECTING & ASSEMBLING

**WARNING: TURN THE AMPLIFIER'S POWER OFF UNTIL YOU HAVE COMPLETED ALL OF THE CONNECTIONS AND HAVE DETERMINED THAT THEY ARE CORRECT. (IF THE AMP'S AC PLUG IS ACCESSIBLE WE RECOMMEND THAT YOU UNPLUG IT FROM THE WALL OUTLET TO AVOID ACCIDENTAL TURN-ON AND POSSIBLE DAMAGE TO THE AMPLIFIER.)**

1. In most cases you will be able to attach the FastMount brackets directly to the mounting surface. Run the speaker wires from the amplifier to the speaker locations and through the holes in the brackets (see figure 2).

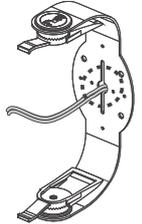


FIGURE 2:  
PASS WIRE  
THROUGH HOLE

**NOTE: TO INCREASE WATER RESISTANCE AND MAKE INSTALLATION EASIER, THE SPEAKER WIRE TERMINALS ARE LOCATED ON THE MAGO6 SPEAKERS' FRONT PANEL. BE SURE TO LEAVE ENOUGH WIRE AT THE SPEAKER LOCATION TO FEED THROUGH THE TUNNEL IN THE SPEAKER ENCLOSURE AND CONNECT TO THE TERMINALS ON THE FRONT.**

2. Attach the FastMount brackets to the mounting surface using the included hardware that is appropriate for the type of surface (see figure 3).

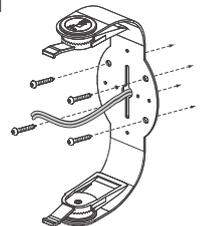


FIGURE 3:  
ATTACH BRACKET

If the installation requires that the speaker be mounted in a corner, attach the bracket with hardware through the slots in the angled corners (see figure 4).

3. If the installation requires that the speaker be mounted on a pole you can attach the FastMount brackets to the pole using **2.5" U-bolts (not included)** (see figure 5).

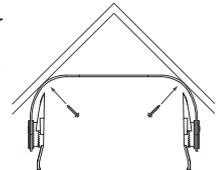


FIGURE 4:  
CORNER MOUNTING

4. Feed the speaker wires from the bracket into the wire entry grommet on the back of the speaker, through the wire tunnel and out the opening on the speaker's front panel (see figure 6).

- The grommet forms a water-resistant seal around the speaker wire.
- Make sure there is enough slack in the wire to allow the speaker to pivot on the bracket.

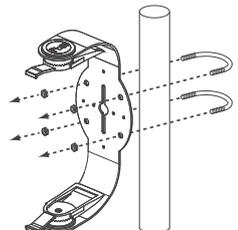


FIGURE 5:  
ATTACHING THE  
BRACKET TO A POLE

5. Slide the speaker onto the bracket until the locks snap into place. Pull enough wire through the front of the speaker to allow connection to the terminals (see figure 7).

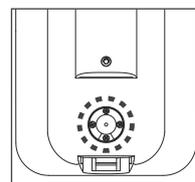


FIGURE 6:  
WIRE ENTRY  
GROMMET

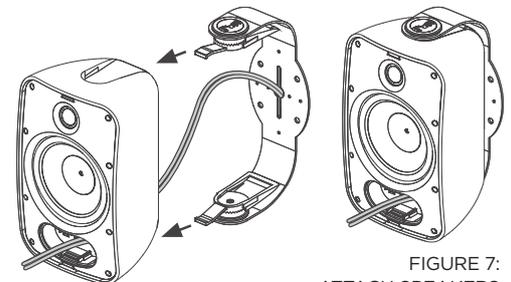


FIGURE 7:  
ATTACH SPEAKERS  
TO BRACKETS

6. Connect the speaker wires to the speaker's terminals:

- A. Strip about .5" of insulation from each conductor and twist the strands together or tin them with solder.
- B. Press-down on the tops of the connectors to open them.
- C. Insert the wires into the connector holes (see figure 8).
- D. Release the connectors.

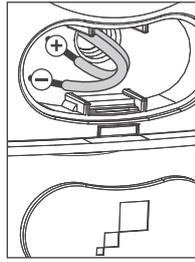


FIGURE 8:  
CONNECTION TERMINALS

- The spring connectors can accept wire up to 14 gauge.
- Double-check that you connected all of the wires properly (amplifier '+' to speaker '+'; amplifier '-' to speaker '-') at all connections.

**IMPORTANT: BE SURE NOT TO LET ANY STRAY '+' AND '-' WIRES TOUCH EACH OTHER. TOUCHING WIRES CAN CAUSE A SHORT-CIRCUIT THAT COULD DAMAGE YOUR AMPLIFIER.**

7. Fit the wiring connector cover into the recess in the speaker's front panel. The cover should fit tightly but can be removed and replaced if the speaker needs to be disconnected (see figure 9).
8. Fit the grille onto the speaker (see figure 10).

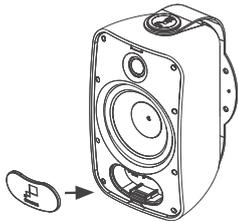


FIGURE 9:  
ATTACH THE  
CONNECTOR COVER

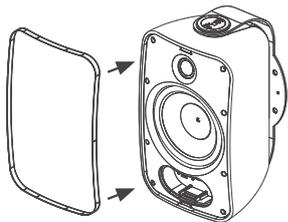


FIGURE 10:  
ATTACH THE GRILLE

## PIVOTING THE SPEAKER

You can rotate the speaker in the bracket to direct the sound toward the listeners.

1. Unlock the slide locks on the speaker pivots by moving them toward the rear of the speaker (see figure 11).
2. Rotate the speakers to the desired position.
3. Lock the slide locks by moving them toward the front of the speaker.

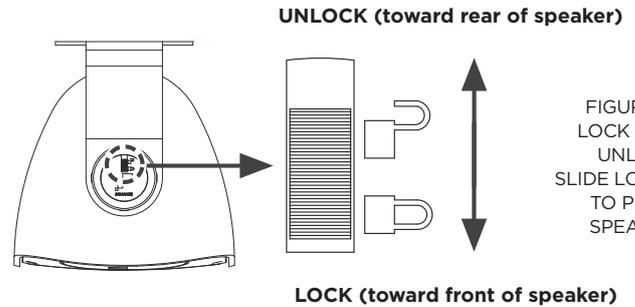


FIGURE 11:  
LOCK AND  
UNLOCK  
SLIDE LOCKS  
TO PIVOT  
SPEAKER

## SPECIFICATIONS

### MAGO6V3 Speakers

<b>Tweeter:</b>	1" (25mm) cloth dome, Ferrofluid cooled, in acoustic back chamber
<b>Woofer:</b>	6.5" (165mm) glass fiber cone with a Santoprene surround
<b>Frequency Response:</b>	65Hz - 30kHz $\pm$ 3dB
<b>Impedance:</b>	8 ohms nominal; 6 ohms minimum
<b>Power Handling:</b>	5 watts minimum; 80 watts maximum
<b>Sensitivity:</b>	89dB SPL (2.83V/1 meter)
<b>Environmental:</b>	Conforms to Mil Spec 810 for humidity, salt spray, temperature and UV, IP-66 waterproof rating
<b>Environment Temp:</b>	-13° - 149°F (-25°C - 65°C)
<b>Dimensions (WxHxD):</b>	7.51" x 12.14" x 6.86" (191mm x 308mm x 174mm)
<b>Grille:</b>	Perforated aluminum
<b>Shipping Weight:</b>	14 lbs. (6.4kg) pair

## LIMITED ONE (1) YEAR WARRANTY

Sonance warrants to the first end-user purchaser that this Sonance-brand product (product), when purchased from an authorized Sonance Dealer/Distributor, will be free from defective workmanship and materials for the period stated above. Sonance will at its option and expense during the warranty period, either repair the defect or replace the Product with a new or remanufactured Product or a reasonable equivalent.

## EXCLUSIONS

**TO THE EXTENT PERMITTED BY LAW, THE WARRANTY SET FORTH ABOVE IS IN LIEU OF, AND EXCLUSIVE OF, ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IS THE SOLE AND EXCLUSIVE WARRANTY PROVIDED BY SONANCE. ALL OTHER EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY, IMPLIED WARRANTY OF FITNESS FOR USE, AND IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE ARE SPECIFICALLY EXCLUDED.**

No one is authorized to make or modify any warranties on behalf of Sonance. The warranty stated above is the sole and exclusive remedy and Sonance's performance shall constitute full and final satisfaction of all obligations, liabilities and claims with respect to the Product.

**IN ANY EVENT, SONANCE SHALL NOT BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, ECONOMIC, PROPERTY, BODILY INJURY, OR PERSONAL INJURY DAMAGES ARISING FROM THE PRODUCT, ANY BREACH OF THIS WARRANTY OR OTHERWISE.**

This warranty statement gives you specific legal rights, and you may have other rights which vary from state to state. Some states do not allow the exclusion of implied warranties or limitations of remedies, so the above exclusions and limitations may not apply. If your state does not allow disclaimer of implied warranties, the duration of such implied warranties is limited to period of Sonance's express warranty.

### **Your Product Model and Description: Sonance MAG06V3 speakers**

Warranty Period for this Product: One (1) year from the date on the original sales receipt or invoice or other satisfactory proof of purchase.

## ADDITIONAL LIMITATIONS AND EXCLUSIONS FROM WARRANTY COVERAGE

The warranty described above is non-transferable, applies only to the initial installation of the Product, does not include installation of any repaired or replaced Product, does not include damage to allied or associated equipment which may result for any reason from use with this Product, and does not include labor or parts caused by accident, disaster, negligence, improper installation, misuse (e.g. overdriving the amplifier or speaker, excessive heat, cold or humidity), or from service or repair which has not been authorized by Sonance.

## OBTAINING AUTHORIZED SERVICE

To qualify for the warranty, you must contact your authorized Sonance Dealer/Installer or call Sonance Customer Service at (949) 492-7777 within the warranty period, must obtain a return merchandise number (RMA), and must deliver the Product to Sonance shipping prepaid during the warranty period, together with the original sales receipt, or invoice or other satisfactory proof of purchase.

# SONANCE

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Due to continuous product improvement, all features and specifications are subject to change without notice.  
For the latest Sonance product specification information visit our website: [www.sonance.com](http://www.sonance.com)

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