

## LIMITED LIFETIME WARRANTY

Core Brands, LLC ("Core Brands") warrants to the original retail purchaser only that this product will be free of manufacturing defects in material and workmanship for the following periods and subject to the limitations and exclusions set forth below:

Limited Lifetime from the date of purchase

This warranty is not transferable to subsequent purchasers of the product. To obtain warranty service, contact the authorized dealer where you purchased your product or take the unit to the nearest authorized SpeakerCraft dealer (with proof of purchase – claims made without proof of purchase will be denied) who will test the product and if necessary, forward it to Core Brands for service. If there are no authorized SpeakerCraft dealers in your area, please contact Core Brands to receive a factory Return Authorization Number. DO NOT RETURN ANY UNIT WITHOUT FIRST RECEIVING WRITTEN AUTHORIZATION AND SHIPPING INSTRUCTIONS FROM Core Brands.

Upon examination, Core Brands will, at its sole option and expense, repair or replace any product found to be defective. Core Brands will return the repaired or replaced unit to you via its usual shipping method from the factory or repair center to your address in the United States of America or Canada only. Any shipping costs for addresses outside of the United States or Canada shall be the responsibility of the purchaser. In the event that this model is no longer available and cannot be repaired effectively, Core Brands, at its sole option, may replace it with a different model of equal or greater value, or refund the original purchase price paid.

THE FOREGOING ARE YOUR EXCLUSIVE REMEDIES FOR BREACH OF WARRANTY.

This Warranty does not include service or parts to repair damage caused by improper use or handling, including but not limited to damage caused by accident, mishandling, improper installation, commercial use, abuse, negligence, or any defect caused by repair to the product by anyone other than Core Brands. This warranty does not cover reimbursement for your costs of removing and transporting the product for warranty service evaluation, or installation of any replacement product provided under this warranty.

This Warranty will be void if:

- the Serial Number on the product has been removed, tampered with or defaced.
- the product was not purchased from an authorized dealer or reseller.

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESSED AND IMPLIED WARRANTIES. Core Brands EXPRESSLY DISCLAIMS ALL SUCH OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT, WITH RESPECT TO THE PRODUCT, TO THE MAXIMUM EXTENT PERMITTED BY LAW. Core Brands SHALL NOT BE RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES EXCEPT TO THE EXTENT PROVIDED (OR PROHIBITED) BY APPLICABLE LAW, EVEN IF Core Brands HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Notwithstanding the above, if you qualify as a "consumer" under the Magnuson-Moss Warranty Act, or applicable state laws, then you may be entitled to any implied warranties allowed by law for the Warranty Period. Further, some states do not allow limitations on how long an implied warranty lasts or allow the exclusion or limitation of consequential damages, so such limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

For the name of your nearest authorized SpeakerCraft dealer, contact: CORE Brands LLC, 1800 South McDowell Blvd, Petaluma, California 94954, or call (800) 472-5555 or (707) 778-5733. With regard to sales over the Internet, please be advised that Core Brands only sells SpeakerCraft products through a select group of authorized Internet dealers. These are listed on our website at [www.SpeakerCraft.com](http://www.SpeakerCraft.com). Products offered on the Internet through unauthorized Internet dealers are not covered by the Core Brands warranty and may be either:

- 1) goods acquired on a secondary or grey market
- 2) counterfeit or stolen goods
- 3) damaged, or defective goods

Please fill in your product information and retain for your records.

Model \_\_\_\_\_ Serial No. \_\_\_\_\_ Purchase Date \_\_\_\_\_

### ATTENTION: TO OUR VALUED CONSUMERS:

To insure that consumers obtain quality pre-sale and after-sale support and service, SpeakerCraft products are sold exclusively through authorized dealers. This warranty is VOID if the products have been purchased from an unauthorized dealer. In our attempt to constantly improve our products, features and specifications are subject to change without notice.

SpeakerCraft offers a variety of accessories to make your installation of this and other SpeakerCraft products easy, economical, and professional. To view a product demonstration and learn more about SpeakerCraft AIM Series 2 technologies, go to: [www.speakercraft.com/aim-series2](http://www.speakercraft.com/aim-series2) or Contact your authorized SpeakerCraft Dealer for more information. For technical inquiries, please call 1-800-448-0976 or e-mail us at [techsupport@speakercraft.com](mailto:techsupport@speakercraft.com).



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Designed and Engineered in the USA.  
Manufactured to SpeakerCraft quality specifications in China.

10002866 Rev-A0

# SpeakerCraft®

# AIM SERIES 2

# INSTALLATION GUIDE

Congratulations on selecting SpeakerCraft AIM Series 2 architectural loudspeakers for your audio installation. Thousands of hours of mechanical and acoustical engineering, along with over 38 years of architectural loudspeaker business acumen, have gone into the creation of what you have in front of you. In addition to the unrivaled sound quality and the virtually unlimited sound directivity and control offered by the AIM Series 2, we guarantee a lifetime of worry-free listening from this speaker.

### Speaker Placement

The AIM Series 2 speakers can be used in a wide variety of home theater and distributed audio installations.

### Installation Considerations

Before installing your speakers, you should consider the placement carefully, taking into account the location of electrical, plumbing and other fixtures, as well as studs. Contact your dealer for assistance if you are not sure of the best locations in your particular room or home environment.

### Surface Preparation

For unfinished ceilings and walls, a new construction bracket (available from your dealer) may be installed prior to drywall where a speaker will be located.

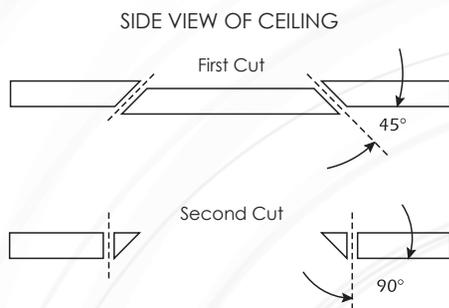
For finished ceilings and walls, mark the cut-out using the template included in the box. CAUTION: If you are not certain if an obstruction exists behind the desired mounting area, you should start by cutting a small hole in the center of your penciled mounting hole. Cut with your blade at a 45° degree angle to the surface material pointing inward towards the center of the hole (See Figure 1). Cutting the small hole at this angle will make drywall repair much easier as the piece cut out can be installed neatly back into place. Insert a rigid wire through the hole to locate any obstructions. Once you have determined that there are no obstructions in your desired mounting location, cut the finished hole at a 90° degree angle.

### Speaker Installation

Prior to actual installation of your AIM Series 2 speakers, it will be necessary to run speaker wire (recommended 14 gauge, two-conductor cable) to the speaker locations.

1. Remove the magnetically attached grille.
2. Attach the speaker wire, observing the proper polarity with your amplifier, + to + and - to -.
3. Make sure the correct amplifier channel is connected to the correct, speaker, (left channel of the amplifier is connected to the left speaker, and the right channel is connected to the right speaker). On dual tweeter speakers (for example, the AIM273DT), either channel may be attached to either terminal set, however, be sure the polarity (+ and -) is correct for each channel or the performance of the speaker will be seriously affected, as one channel will cancel out the other.
4. Make sure the mounting feet are turned inward to clear the ceiling or wall opening, and insert the speaker. Tighten the mounting screws on front of the baffle. CAUTION: Over tightening may warp the baffle, crack the wall surface, cause flange to distort, and make installation difficult.
5. After all your speaker adjustments have been made, install the grille back into place.

(Figure 1)



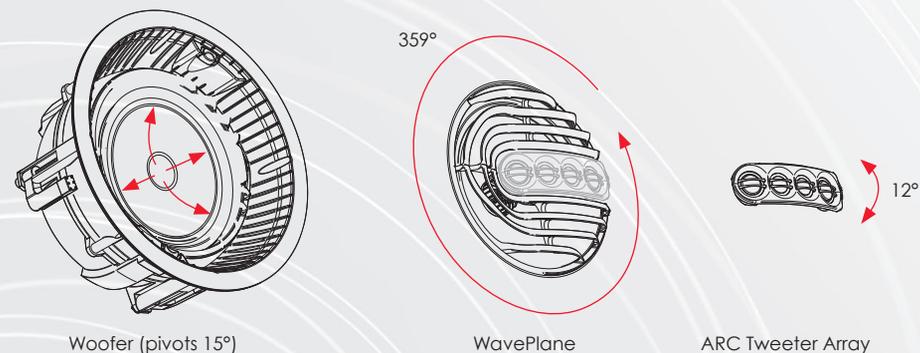
### Speaker Adjustments

NOTE: The speaker adjustments below are featured on select models only.

The woofer rotates and pivots up to 15° in almost any position. Simply apply pressure with fingertips to the outer surface of the Pivot Ball and move the speaker to the desired position.

Once the woofer is positioned, pivot and rotate the ARC Tweeter Array™ and WavePlane™ to further adjust the direction of the sound into the room toward the listening area. The ARC Tweeter Array and WavePlane rotate as one unit up to 359°. You may further pivot the ARC Tweeter Array an additional 12° by pushing gently on its edges.

(Figure 2)  
EXPLODED VIEW



The acoustic compensation switch labeled TREBLE allows for 6dB of tweeter adjustment. The factory setting is set at 0dB (neutral) of treble. If you desire less treble, slide the switch to the - position for -3dB of treble, if you desire additional treble, slide the switch to the + position for +3dB of treble. Slide the switch to the middle position if you choose to keep the frequency at a neutral level.

The acoustic compensation switch labeled VOICE provides for additional definition at critical midrange frequencies. This is typically activated for home theater center speaker applications. Select the + position to enhance the vocal range of the actors, select the o position to keep the frequency at a neutral level.

SR Models feature an acoustic compensation switch labeled SURROUND which allows for a more diffused sound or more direct sound to be created from the speaker. Use the <> (Diffuse) setting when using the speaker as a "side effects loudspeaker", and use the >< (Direct) setting when using the speaker as a "rear effects loudspeaker".

### Painting the Grilles

We recommend that you paint your grilles prior to installation. If you decide to paint them in the future, it is best to remove them by simply detaching them from the speaker. When painting your grilles, great care should be taken not to clog the holes, as this will greatly reduce sound quality of the speaker. Before painting the grilles, remove the cloth material under grille, then place it back into position after painting. SpeakerCraft recommends only light spray painting using five parts thinning agent to one part paint. Do not paint the grilles while they are attached to the speaker. If it is necessary to paint the cloth material under the grille, follow the same procedure used for painting the grilles.