

OWNER'S MANUAL

AIM MDU

Surface Mount Speaker System



AIM MDU One

 SpeakerCraft®

INTRODUCTION

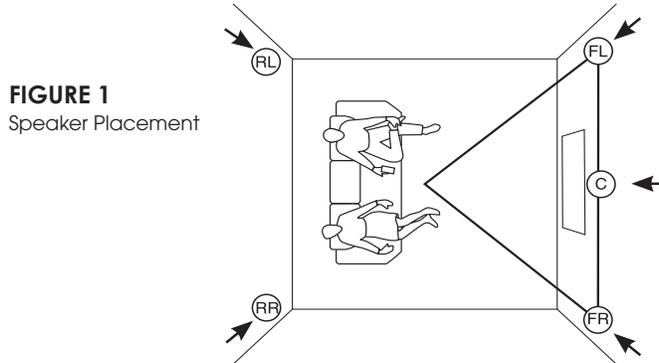
Congratulations on your purchase of the AIM MDU Surface Mount Speakers. Speakercraft guarantees that you will enjoy your speakers for many years to come. However, to be sure you optimize their performance please read this manual carefully.

SPEAKER PLACEMENT

When following the below recommendations, please keep in mind that placement can be on the ceilings or walls. The AIM MDU speakers can be used as a pair for stereo listening, or for all five channels of a home theater system: front left and right, center, and rear left and right. Speakercraft recommends the use of a qualified custom installation specialist when installing your speakers. If you need assistance in locating an installer, please contact Speakercraft at 1-800-448-0976.

Determine Your Primary Listening Area

The area where you will most likely be sitting when listening to your speakers is your primary listening area.



Placement of Stereo Pair / Front Channels for Home Theater

Consider how far apart the speakers should be. To do this, think of your listening area as one tip of a triangle with each leg of the triangle being equal. See speakers FL (front left) and FR (front right) in **Figure 1**. Place the speakers as close as possible to the two points they represent on the triangle. If the speakers are to be part of a home theater speaker system, they should be placed as close as possible to the area.

Placement of Center Channel for Home Theater

Place the center channel speaker in line between the front left and right speaker directly above the screen. See C (center) in **Figure 1**.

Placement of Rear Channels for Home Theater

Rear channels should be placed behind the listening area. See RL (rear left) and RR (rear right) in **Figure 1**.

INSTALLATION CONSIDERATIONS

Prior to the actual installation of the speakers, it will be necessary to run cables to the speaker location. See your Authorized Speakercraft dealer for more information on cable installation. After the cable has been installed, you are ready to mount your speakers.

SYSTEM COMPONENTS

Included in this carton:

- 1 each MDU Speaker with Mounting Bracket
- 1 each Grille
- 1 each Beauty Plate
- Mounting Hardware
- Wire Nuts
- 1 each Pigtail (speaker wire)

SPEAKER WIRING AND MOUNTING

Follow steps 1 through 6 and refer to **Illustration** on page 3.

Step 1

Connect the pigtail wire to the speaker wire protruding from the ceiling. Observe the proper polarity with your amplifier (+ to + and - to -). Make sure to connect the proper speaker. Left amp channel to left speaker, right amp channel to right speaker, left rear amp channel to left rear amp speaker, right rear amp channel to right rear amp speaker. Use the two wire nuts to ensure a safe connection. See **Figure 2**. **NOTE:** Polarity for the pigtail (speaker wires) is red for + and black for - .

FIGURE 2

Connect wires



Step 2

Fish the speaker and seismic wire protruding from the mounting bracket through the beauty plate, then connect the pigtail to the speaker wire protruding from the bracket. See **Figure 3**.

FIGURE 3

Fish wires through beauty plate



Step 3

The seismic wire was added for extra security during an earthquake. If you choose to use it, be sure to secure it to the stud before moving on to step 4.

Step 4

Mount the beauty plate to either the standard junction box or directly onto the stud. See **Figure 4**.

WARNING: Never mount directly onto drywall. A set of good quality wood screws and machine screws for junction box mounting were included for your convenience.

CAUTION: Extra care should be taken to avoid pinching the speaker wires when securing the beauty plate.

FIGURE 4

Mount beauty plate



Step 5

Now that the beauty plate is secured, attached the mounting bracket/speaker onto the plate. Align the screw hole on the plate with the screw hole on the bracket and secure them together. The proper screw size for this step was included in the packaging for your convenience. See **Figure 5**.

Step 6

The speaker cabinet is designed to rotate 45 degrees towards the left or right position, and 90 degrees towards the rear. To tilt to the desired position, simply rotate it by hand. The proper tension has been pre-determined at the factory. This will allow the cabinet to remain fixed in the desired position after tilting. Over time the tension could decrease slightly, and may need to be tightened. To do so, tighten the locking knob located on the bracket using a pair of rubberized pliers or a $\frac{1}{8}$ " wrench. If using a wrench, extra care should be taken to avoid damaging the finish. See **Figure 6**.

FIGURE 5

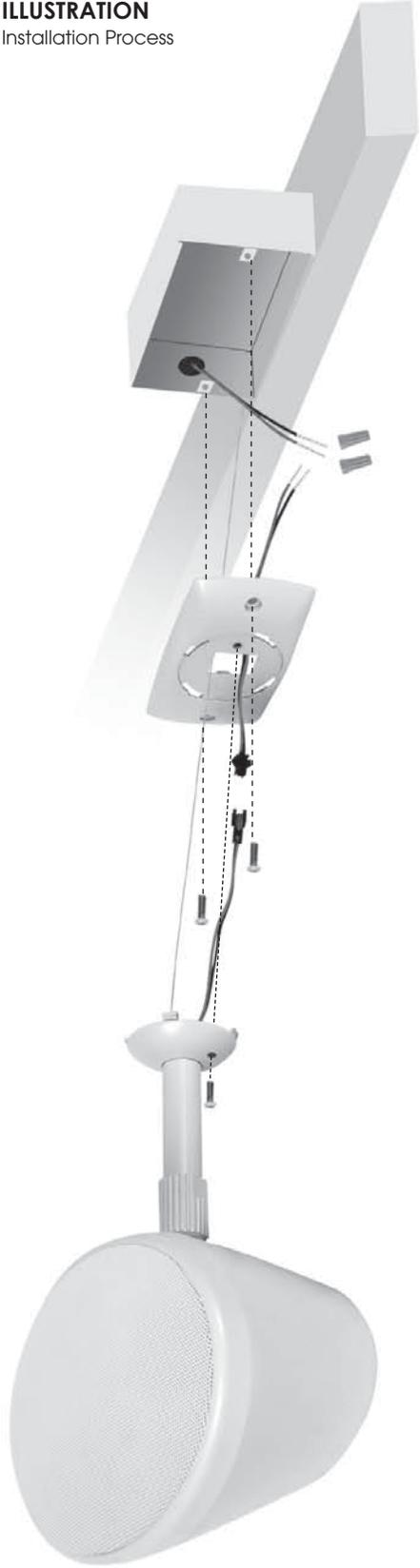
Secure bracket/speaker to beauty plate



FIGURE 6
Tilting and tightening
the tension



ILLUSTRATION
Installation Process



WALL MOUNTING
Example



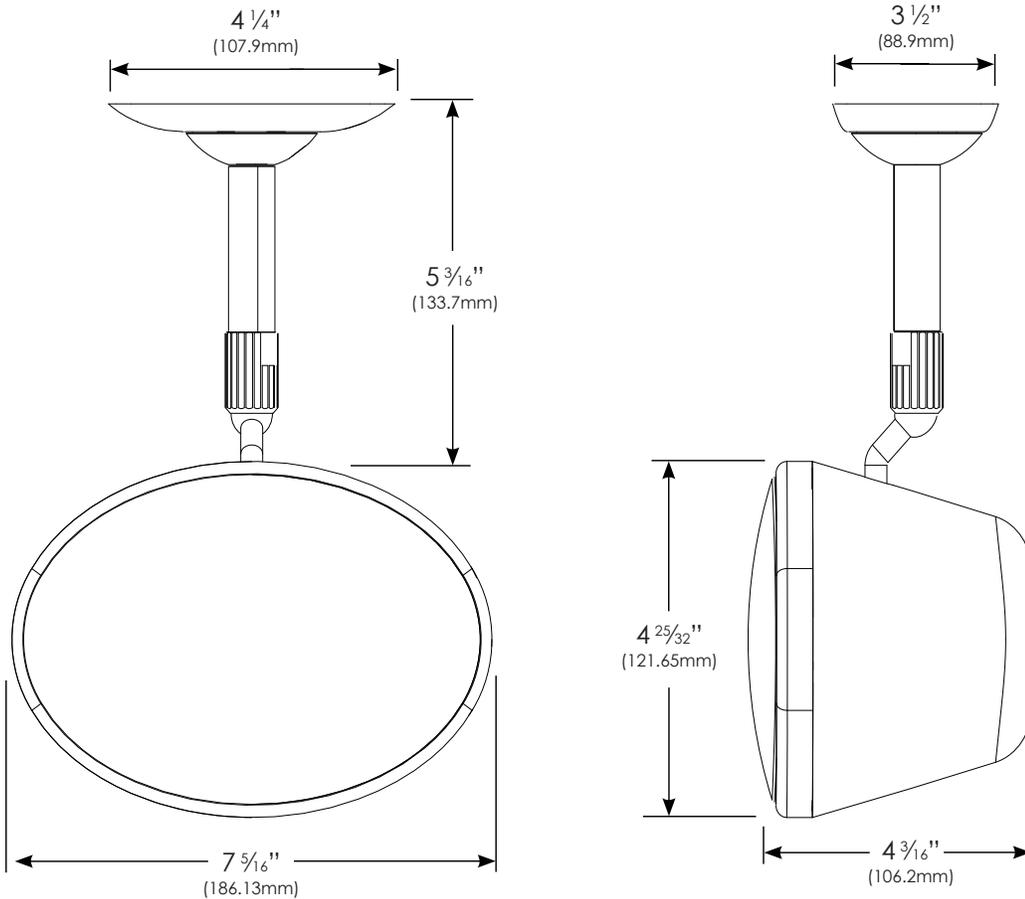
SPECIFICATIONS

AIM MDU One

Speaker Type:	2-Way In-Ceiling Speaker
High Frequency Driver:	1" Silk Dome Tweeter with Ferro Fluid cooled Motor Structure
Low Frequency Driver:	4" IMG Woofer
Impedance:	8 ohm compatible
Sensitivity:	87dB 1W/1m
Frequency Response:	78Hz - 20kHz
Power Recommendations:	5 - 100 watts
Finish:	White
Weight:	10 lbs.

In our attempt to constantly improve our products, features and specifications are subject to change without notice.

DIMENSIONS



LIMITED LIFETIME WARRANTY

SpeakerCraft Inc. warrants to the original retail purchaser only that this SpeakerCraft product will be free from defects in materials and workmanship, provided the speaker was purchased from a SpeakerCraft Authorized Dealer.

Defective products must be shipped, together with proof of purchase, prepaid insured to the SpeakerCraft Authorized Dealer from whom they were purchased, or to the SpeakerCraft factory at the address listed on this installation instruction manual. Freight collect shipments will be refused. It is preferable to ship this product in the original shipping container to lessen the chance of transit damage. In any case, the risk of loss or damage in transit is to be borne by the purchaser. If, upon examination at the Factory or SpeakerCraft Authorized Dealer, it is determined that the unit was defective in materials or workmanship at any time during this warranty period, SpeakerCraft or the SpeakerCraft Authorized Dealer will, at its option, repair or replace this product at no additional charge, except as set forth below. If this model is no longer available and can not be repaired effectively, SpeakerCraft, at its sole option, may replace the unit with a current model of equal or greater value. In some cases where a new model is substituted, a modification to the mounting surface may be required. If mounting surface modification is required, SpeakerCraft assumes no responsibility or liability for such modification. All replaced parts and product become the property of SpeakerCraft Inc. Products replaced or repaired under this Warranty will be returned to the original retail purchaser, within a reasonable time, freight prepaid.

This Warranty does not include service or parts to repair damage caused by accident, disaster, misuse, abuse, negligence, inadequate packing or shipping procedures, commercial use, voltage inputs in excess of the rated maximum of the unit, or service, repair or modification of the product which has not been authorized or approved by SpeakerCraft. This Warranty also excludes normal cosmetic deterioration caused by environmental conditions. This warranty will be void if the Serial Number on the product has been removed, tampered with or defaced.

This Warranty is in lieu of all other expressed warranties. If the product is defective in materials or workmanship as warranted above, the purchaser's sole remedy shall be repair or replacement as provided above. In no event will SpeakerCraft be liable for any incidental or consequential damages arising out of the use or inability to use the product, even if SpeakerCraft Inc. or a SpeakerCraft Inc. Authorized Dealer has been advised of the possibility of such damages, or for any claim by any other party. Some states do not allow the exclusion or limitation of consequential damages, so the above limitation and exclusion may not apply.

All implied warranties on the product are limited to the duration of this expressed Warranty. Some states do not allow limitation on the length of an implied warranty. If the original retail purchaser resides in such a state, this limitation does not apply.



SpeakerCraft offers a variety of accessories to make your installation of this and other SpeakerCraft products easy, economical, and professional. Contact your authorized SpeakerCraft Dealer for more information. For technical inquires, please call 1-800-448-0976 or e-mail us at techsupport@speakercraft.com. We are available to assist you every weekday, except holidays, between the hours of 7:00 a.m. and 5:00 p.m. PST.

