

MultiMount™ MM-008-CM

Universal Ceiling Mount Installation Instructions

Thank you for selecting the all weather MultiMount™ MM-008-CM speaker mounting kit. This mounting kit contains two speaker mounts that independently aim and tilt speakers weighing up to 15 lbs/6.8 kg from most ceiling structures. The MM-008-CM accommodates speakers with both single and two hole mounting patterns.

Warning:

Mounting and/or rigging loudspeakers requires experienced professionals. ***Improperly installed loudspeakers can result in property damage, personal injury or liability to the installing contractor.***

To assure a trouble free installation, read through and follow these instructions carefully before beginning. If you have doubts about the integrity of the structure you are mounting to or you are not sure about the hardware to use, consult a structural and/or hardware specialist.

Be sure that all of the following items are included in this kit before proceeding:

Package Contents:

Item #:	Qty	Description
1.	2 pcs.	Ceiling mounting plate
2.	2 pcs.	Support arm
3.	2 pcs.	Speaker adapter plate
4.	2 pcs.	U shaped rotator bracket
5.	2 pcs.	Hardware kit



Note to installing contractor:

Due to the wide variety of ceiling structures, materials and mounting methods, these instructions assume that the installer will exercise good judgment in selecting the proper mounting area and hardware. As a guide, the installation, when complete should be capable of supporting 5 to 10 times the actual applied load. We recommend the use of a safety cable (sold separately).

Step 1. Install Mounting Plate:

Predetermine the desired direction of the speaker then install the mounting plate and support arm using the appropriate hardware for a ceiling mounted application (Figure 1)

Step 2: Decide Vertical or Horizontal Orientation:

Horizontal (Figure 2A) or vertical installation (Figure 2B).

For speakers with one mounting hole:

Use the speaker's mounting screw to install the adapter's U-bracket to the speaker (Figure 3A) then attach the support arm to the U-bracket using the included 5/16" button head screws and star washers (Figure 3B).

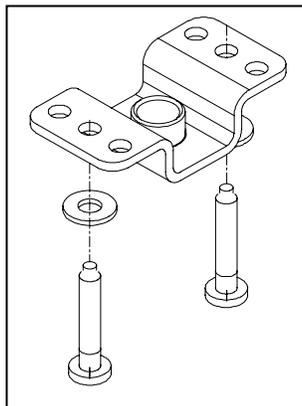


Figure 1

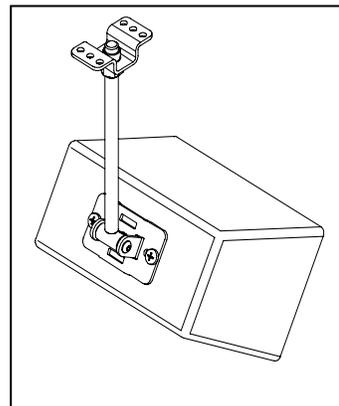


Figure 2A: Horizontal speaker adapter plate installation

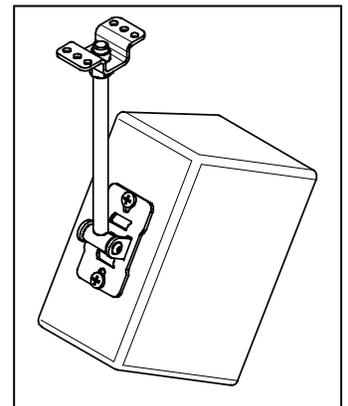


Figure 2B: Vertical speaker Adapter plate installation

Important:

The sharp edges of the star washer must face the inside surface of the speaker adapter plate flanges to achieve proper tilt locking (Figure 3B).

For speakers with two mounting holes.

Insert the legs of the U-bracket through the desired slots of the speaker adapter plate that puts the speaker into the desired vertical or horizontal orientation. Secure parts with the flat head screw and nylock nut (See Figure 4A and 4B for horizontal and vertical orientations).

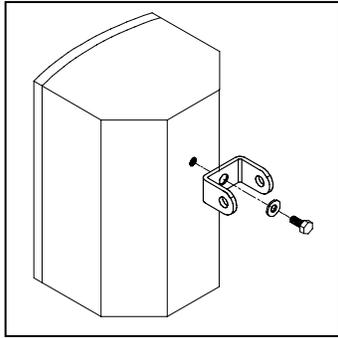


Figure 3A: U-Bracket Installation

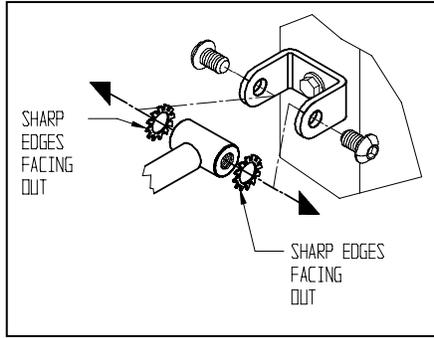


Figure 3B: Support Arm Installation

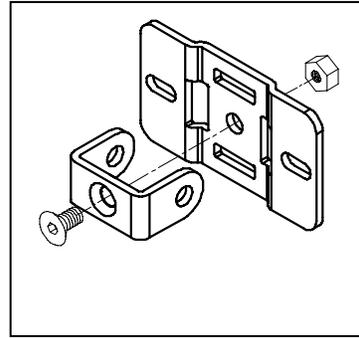


Figure 4A: Horizontal Installation

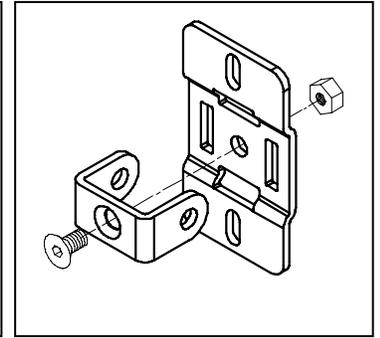


Figure 4B: Vertical Installation

Step 3. Attach adapter plate to speaker:

For vertically oriented speaker installations see **figure 5A**. For horizontally oriented speakers see **figure 5B**. *If threaded inserts and/or mounting screws are not included on the speaker, consult the speaker manufacturer for proper mounting procedures.*

Attach the speaker adapter plate to the appropriate mounting holes of the speaker using the manufacturer's suggested screws and washers. Tighten these fasteners permanently.

Step 4. Install Speaker to Ceiling Plate:

Lift the speaker and insert the support arm through the mounting plates by bolting the support arm inside the flanges of the U-bracket using the 5/16 button head screws and star washers in between the flanges and the support arm (Figure 3B).

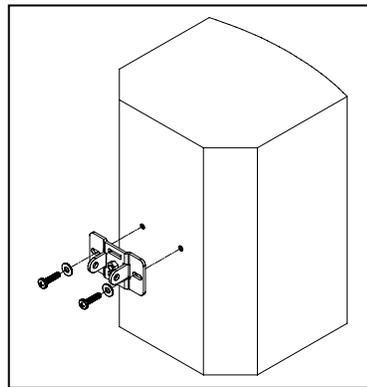


Figure 5A

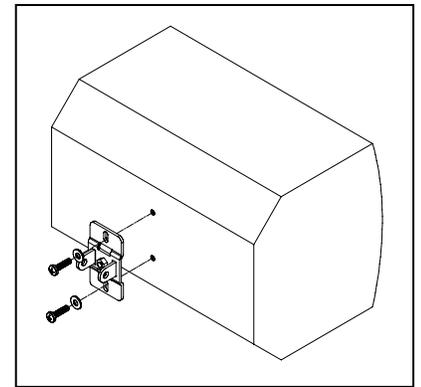


Figure 5B

Important:

The sharp edges of the star washer must face the inside surface of the speaker adapter plate flanges to achieve proper tilt locking (Figure 3B).

Step 6. Setting the tilt angle:

While supporting the speaker's weight, loosen the button head screws at the sides of the speaker adapter plate (do not remove). Position the speaker to the desired tilt angle and hold in position, then re-tighten the screws. Be sure that the screws have been tightened permanently before releasing the weight of the speaker (Figure 6).

If the tilt angle needs to be adjusted, **DO NOT PULL ON SPEAKER**, rather repeat step 6.

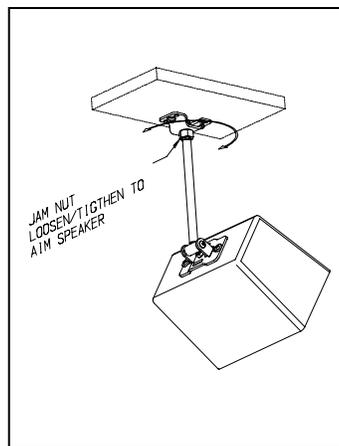


Figure 6

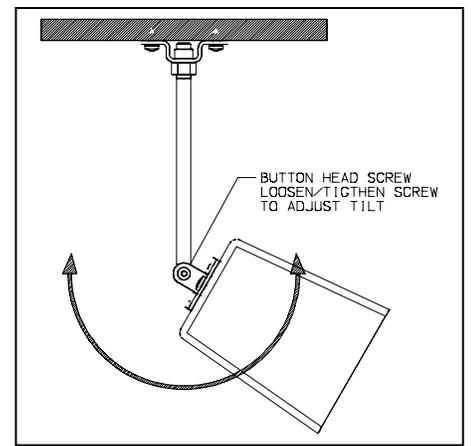


Figure 7

Step 7. Setting the pan angle:

Rotate the speaker horizontally right or left until the speaker is aimed in the desired direction. Permanently tighten the 1/2" jam nut at the top of the mounting plate with a 1/2" hex wrench (Figure 7).

Step 5. Recommendation: Install Safety Cable

Attach a safety cable (sold separately) to the mounting surface (**Must be able to support at least five times the weight of the speaker**), then attach the other end of the safety cable to the speaker. If no attachment is provided on speaker, consult speaker manufacturer for advice on best attachment point and method.