



# BMA 360D/D-I MICROPHONE MOUNTING KIT INSTALLATION GUIDE

## Ceiling Tile Microphone Mounting Kits

This manual covers the following mounting kits for the Biamp BMA 360D (24 in.) and BMA 360D-I (600mm) ceiling tile microphones.

### Surface Mounting Kits

Biamp BMA 360-SM  
Biamp BMA 360-SM-I

### Recessed Mounting Kits

Biamp BMA 360D-RM  
Biamp BMA 360D-RM-I

## Contact Information and Resources

**Product Specifications:** [biamp.com/support/downloads](https://biamp.com/support/downloads)

**Biamp Headquarters:** 9300 SW Gemini Drive, Beaverton, OR 97008, USA [biamp.com/](https://biamp.com/)

**Technical Support:** [support.biamp.com](https://support.biamp.com) email: [support@biamp.com](mailto:support@biamp.com) Tel: +1 503-641-7287

**Warranty:** [biamp.com/legal/warranty-information](https://biamp.com/legal/warranty-information)

**Safety & Compliance:** [biamp.com/compliance](https://biamp.com/compliance)

# SURFACE-MOUNT KITS

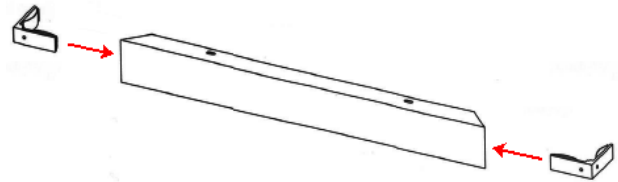
Biamp BMA 360-SM (Use with BMA 360D)

Biamp BMA 360-SM-I (Use with BMA 360D-I)

These kits are compatible with the Biamp BMA 360D and BMA 360D-I Ceiling Tile Microphones. To install a surface-mount kit, first assemble the frame, and then attach the frame to the ceiling.

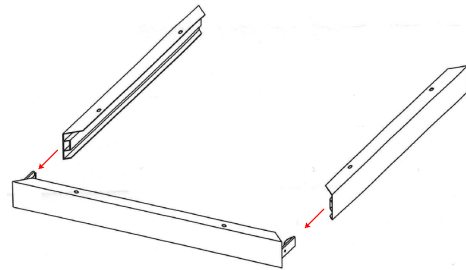
## Step 1

On each end of one frame piece, insert a spring clip into the inside channel.



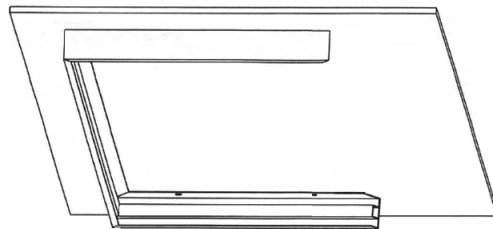
## Step 2

At each end of the frame piece from step 1, slide the inside channel of another frame piece onto the clip to form a U-shape.



## Step 3

Lift the U-shaped frame into place against the ceiling. Attach the frame to the ceiling.

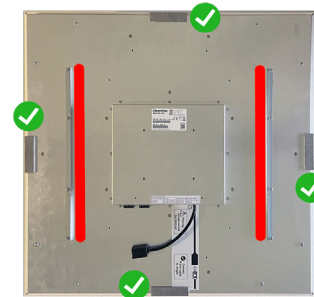


## Step 4

Determine which version of the BMA 360D unit you have. Some versions require the Retrofit Brackets to be attached before installing the BMA in the Surface Mount Kit.

### Straight Lines – Brackets Required

If the back panel structure has straight lines (shown in red), then the Retrofit Brackets must be attached at the green check mark locations prior to installing the BMA in the Surface Mount Kit.

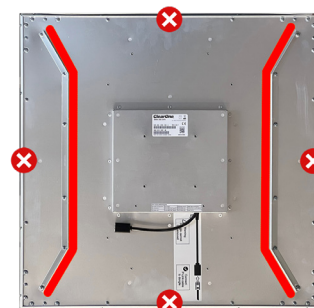


Straight red lines:  
Install Retrofit Brackets at the green check mark locations

Proceed to Step 5.

### Angled Lines – Do not install Brackets

If the back panel structure has angled lines, (shown in red), then the brackets do not need to be installed.



Angled red lines:  
Do not install Retrofit Brackets

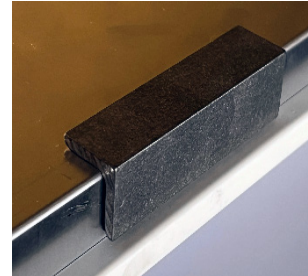
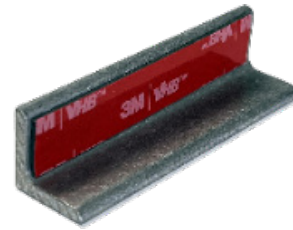
Skip to Step 6.

### Step 5

Attach the Retrofit Brackets only if the BMA has the back panel structure with straight lines as highlighted in Step 4.

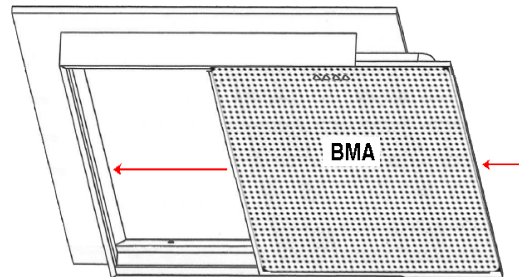
Instructions:

1. Lay the BMA on a flat surface with the back panel facing up.
2. Peel the tape backing from a bracket.
3. Orient the bracket so that the tape will stick to the side of the BMA.
4. Position the bracket so that it centered along an edge as shown with the green check marks in the diagram on the opposite page.
5. Press firmly on the bracket to adhere to the BMA.
6. Repeat for all 4 sides.
7. The BMA is ready to install in the Surface Mount fixture.



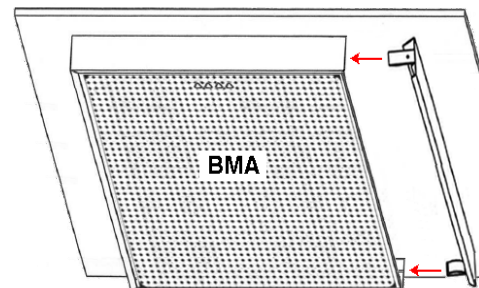
### Step 6

Attach cables to the ports on the back of the ceiling tile microphone. Then slide the microphone onto the recessed edges of the frame.



### Step 7

At each end of the frame piece from step 1, slide the inside channel of another frame piece onto the clip at to form a U-shape.



**Warning!** The surface mount kit must be independently supported by building structure in accordance with all applicable national and local building codes or regulations.

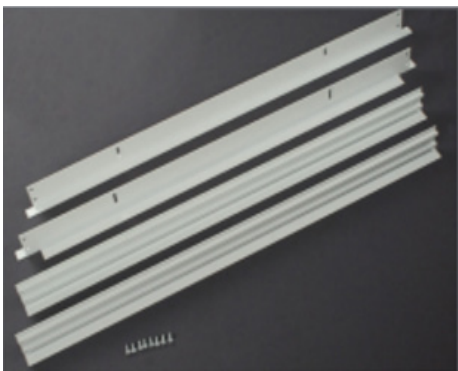
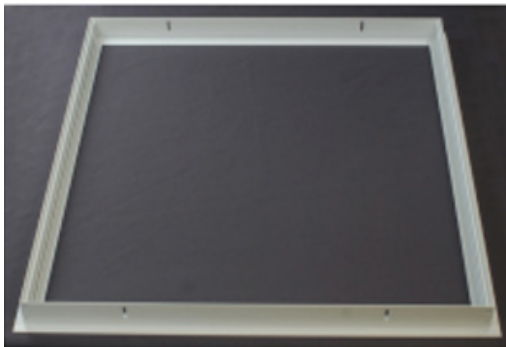
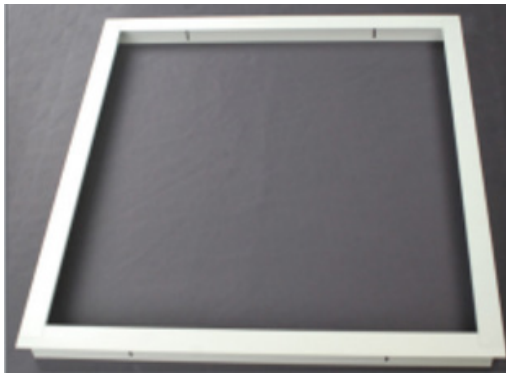
|  |  |
|--|--|
| <p><b>Important!</b></p> <ul style="list-style-type: none"> <li>• Examine shipment and report damage to your transportation carrier.</li> <li>• Install in accordance with all applicable local codes.</li> <li>• Ensure that power is off before you start installation.</li> </ul> | <p>Part Number: BMA 360-SM or BMA 360-SM-I</p> <p>Included Components:</p> <ul style="list-style-type: none"> <li>• Frame piece (4)</li> <li>• L-shaped spring clip (4)</li> <li>• Retrofit bracket (4)</li> </ul> |
|--|--|

# RECESSED-MOUNT KITS

Biamp BMA 360-RM (Use with BMA 360D)

Biamp BMA 360-RM-I (Use with BMA 360D-I)

These kits are compatible with the Biamp BMA 360D and BMA 360D-I Ceiling Tile Microphones.



## Material

- 6063-T5 Aluminum Alloy

## Dimensions

BMA-360-RM

- 24 in: 25.46 x 25.46 x 1.60 in

BMA-360-RM-I

- 600 mm: 639 x 639 x 41.0 mm

## Color

- White

## Components

- Aluminum frame (4)
- Screws (8)

## Part Numbers

- BMA 360-RM BMA RECESSED MOUNT KIT 24 in
- BMA 360-RM-I BMA RECESSED MOUNT KIT 600 mm

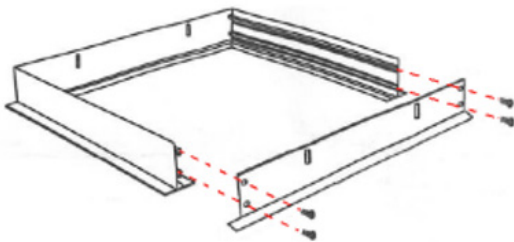
|        | Part Number  | L                      | W                      | Rough-in Cut Out                   | A                 |
|--------|--------------|------------------------|------------------------|------------------------------------|-------------------|
| 24 in  | BMA 360-RM   | 25.46 in<br>(646.8 mm) | 25.46 in<br>(646.8 mm) | 24.88 × 24.88 in<br>(632 × 632 mm) | 1.61 in (41.0 mm) |
| 600 mm | BMA 360-RM-I | 639.0 mm<br>(25.16 in) | 639.0 mm<br>(25.16 in) | 625 × 625 mm<br>(24.61 × 24.61 in) | 41.0 mm (1.61 in) |

## Installation

To install the recessed mount kit, assemble the frame, attach the frame to the building structure, and then place the microphone array in the frame. The instructions below explain two methods to attach the frame to the building structure: cabling and wood blocking.

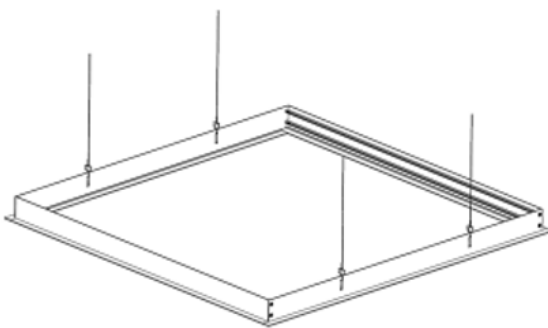
### Assemble the Frame

With the M3.5×12 screws, attach the 4 frame pieces at each corner.

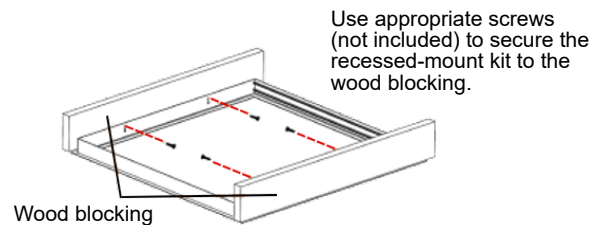


|  |  |
|--|--|
| <p><b>Important!</b></p> <ul style="list-style-type: none"> <li>• Examine shipment and report damage to your transportation carrier.</li> <li>• Install in accordance with all applicable local codes.</li> <li>• Ensure that power is off before you start installation.</li> </ul> | <p><b>Included Components:</b></p> <ul style="list-style-type: none"> <li>• Frame piece with holes (2)</li> <li>• Frame piece w/o holes (2)</li> <li>• M3.5X12 self-tapping screw (8)</li> </ul> |
|--|--|

### Attach the frame to building structure with cabling



### with Wood Blocking



**Warning!** Wood blocking must be independently supported by building structure.

### Place the microphone array in the frame

Lift the microphone array into the inside of the frame and place it so it rests on the recessed edges of the frame.

