

# FRAZIER

## Mounting Brackets

### Product Information and Instruction Sheet

#### **Loudspeaker Compatibility:**

##### **Fixed:**

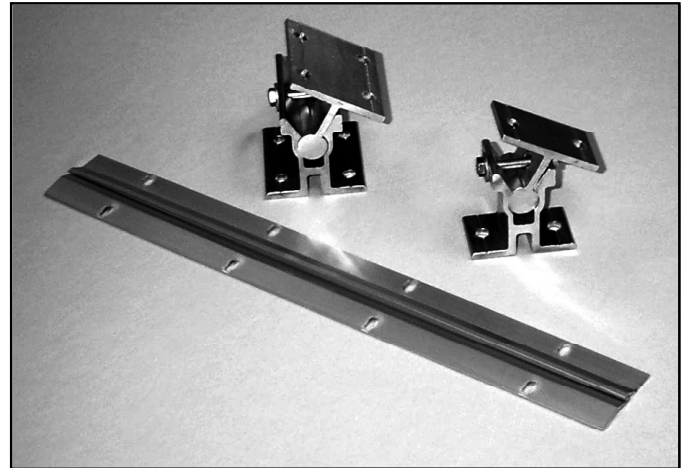
- **M1313:** CAT 10, CAT 13
- **M1316:** CAT 33, CAT 35, CAT 43

##### **Aimable**

- **M1132:** CAT 10, CAT 13
- **M1433:** CAT 33, CAT 35, CAT 40, CAT 43, CAT 499, Frazier Column Array

#### **Solid Construction**

- **Extruded Aluminum Alloy**
- **Hardened Steel Threaded Insert** (M1132, M1433)
- **Aiming Range: plus/minus 30°** (M1132, M1433)



*Clockwise from bottom: M1316, M1433, M1132*

#### **Aimable Brackets**

#### **Installer Friendly**

Frazier's small loudspeaker mounting brackets were developed to make the installer's job as easy as possible. With the correct choice of bracket, almost any installation may be readily accommodated.

#### **Fixed Wall Brackets**

In systems where speakers are to be mounted flat on a wall surface, the Frazier M1313 and M1316 "Z" brackets are the best choice. Using the screws provided, attach one half of the interlocking bracket to the loudspeaker with the bracket facing downwards.

Next, using installer-supplied fasteners, attach the other half of the bracket to the desired position on the wall facing upwards. *Installer is responsible for secure attachment of bracket to loudspeaker and wall. Serious injury can result from improper installation.*

Set the loudspeaker against the wall above the wall-mounted bracket and move downward until the two halves interlock. Finally, using installer-provided parts, drive screws into the wall just above the rear of the loudspeaker to prevent it from being pushed upwards and disengaging the bracket.

Systems in which single-axis aimability is required will benefit from the use of the M1132 and M1433. Install the male part in the bolt pattern on the loudspeaker, using the 1/4"-20 Grade 5 fasteners provided. *Make sure to order the brackets when you order loudspeakers so as to get the required bolt pattern factory-installed in the loudspeaker.*

Using the female part as a pattern, mark and drill four holes into the building surface to which the speaker will be mounted, then bolt the female bracket to the wall using bolts of SAE Grade 5 or higher. *Installer is responsible for secure attachment of bracket to loudspeaker and wall. Serious injury can result from improper installation.*

Holding the speaker with male bracket attached, slide the male portion into the wall-mounted female part. Align the clearance hole and start the clamp bolt by hand. Tighten the clamp bolt until there is resistance to movement of the bracket, support the speaker at the desired angle, then tighten the clamp bolt until the speaker is held securely in place.

***Installation of heavy objects in overhead locations should only be attempted by experienced, qualified personnel in possession of all required licensing and/or certification. Frazier assumes no responsibility for damage caused by improper installation or use of Frazier products.***