



# MTC-23UB-1, 25UB-1, 28UB-1 Instructions

## U-Brackets for Control 23-1, 25-1, 28-1

The MTC-xxUB-1 brackets mount JBL Control Contractor Surface-Mount loudspeaker to walls, decks and ceilings and provide swiveling capability. Read these instructions carefully before beginning.

Installing speakers must be performed by experienced professionals. If you have any doubts about the integrity of the structure you are mounting to or are not sure about the proper hardware or method to use, consult a structural engineer.

<u>Qty</u>	<u>Description</u>
1 pc.	Bracket
2 pcs.	Adhesive Friction Washer, rubber
2 pcs.	Pressure Trim Fitting, plastic
2 pcs.	M6 Bolt, 6 mm dia. x 18 mm length, 18-8 Stainless Steel, hex-drive (5 mm)
2 pcs.	M6 Flat Washer, 18-8 Stainless Steel

### Step 1 – Peel and Stick the Adhesive Friction Washers to the Loudspeaker

Identify the two M6 Insert Points -- one at each end of the speaker. Remove the silicone caps from the M6 inserts and dispose. Remove backing from one of the rubber Adhesive Friction Washers, exposing the adhesive. Stick Adhesive Friction Washers to the speaker (adhesive side toward the speaker) at each M6 Insert Point, with the opening in the center of the friction washer lined up with the M6 Insert Point, allowing bolt access to the M6 Insert Point.

### Step 2 – Install the Bracket Securely to Building Structure

Select mounting area where speaker will be positioned. Be sure there is adequate structural material for mounting, such as a stud. Do not rely on acoustic tiles, drywall, etc, unless they are rated to support the weight of the speaker. Follow building code requirements to safely install the bracket to the building structure.

Be sure the Drop-Down Slot on the side arm of the bracket is on the top of the bracket and not on the bottom. Tighten all hardware permanently.

### Step 3 – Install the Bolts Loosely onto Speaker

Slide a Flat Washer and a plastic Pressure Trim Fitting onto each of the included M6 bolts. Screw bolts loosely into each of the speaker's insert points loosely (2 or 3 turns).

### Step 4 – Install Speaker into Bracket.

Position the speaker in between the bracket arms and slide the speaker down into bracket such that screws drop into drop-down slots on each side of bracket. Important: Make sure Pressure Trim Fitting is on the outside of bracket.

### Step 5 – Aim Speaker

Rotate speaker until it is aimed in desired direction, and slide speaker in the bracket slot either toward or away from wall to achieve desired distance. Then secure side bolts permanently using 5 mm hex wrench (not included, installer provided). Light thread-locking compound is acceptable to ensure solid installation.

### Step 6 –Secondary Safety Cable

It is strongly recommended that a properly rated secondary safety cable (provided by the installer) be used to secure speaker from D-ring slot on back of speaker to a secondary mounting structure on building structure.

