INSTALLATION INSTRUCTIONS

MEDIUM FLAT PANEL DISPLAY TILT MOUNT
MSP-MT (MTR-V)

The MSP-MT tilt mount accommodates medium flat panel displays weighing up to 100 lbs (45.36kgs).

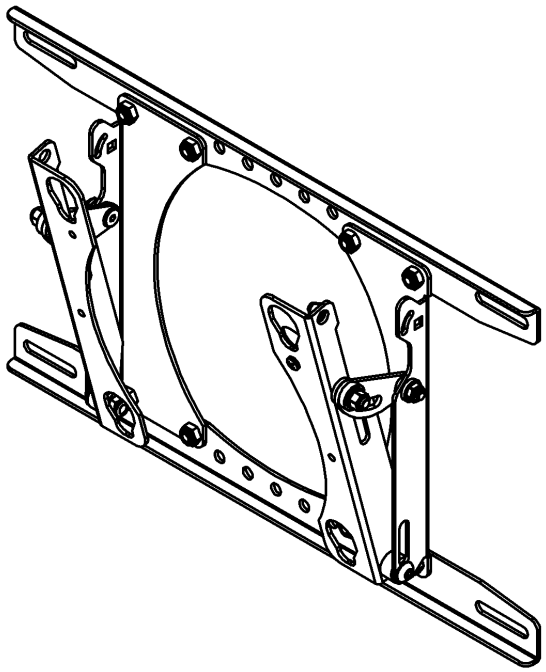
The teardrop holes in the mount allow for quick connect/disconnect of the display, thus simplifying installation and maintenance processes.

The top and bottom mounting brackets are adaptable to single wood stud mounting or dual wood studs that are 16" on center.

The display can be pulled and tilted into any position in the zero-to-15 degree tilt range and remain stationary. When fully retracted, the mount depth is 1.54 inches.

After installing the display on the mount, the screen can be locked in place using the convenient locking flag. A padlock can be used on the latching flag for added security.

The mount is concealed behind the display, making it a low profile wall mount.



MSP-MT

BEFORE YOU BEGIN

- **CAUTION: To prevent damage to your monitor and MSP-MT, which could affect or void the Factory warranty, thoroughly study all instructions and illustrations before you begin to install the mount. Pay particular attention to the Warnings and Cautions in this document.**
- The mount is designed to be installed using wall studs or supporting framework. The fasteners used to anchor the mount must be capable of supporting five times the total weight of the equipment.
- The maximum weight to be installed on the MSP-MT tilt wall mount is 100 lbs (45.36kg).
- If you have any questions about this installation, contact Chief Manufacturing at 1-800-582-6480 or 952-582-6480.

CHIEF Ideas Supporting Ideas

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www.chiefmfg.com
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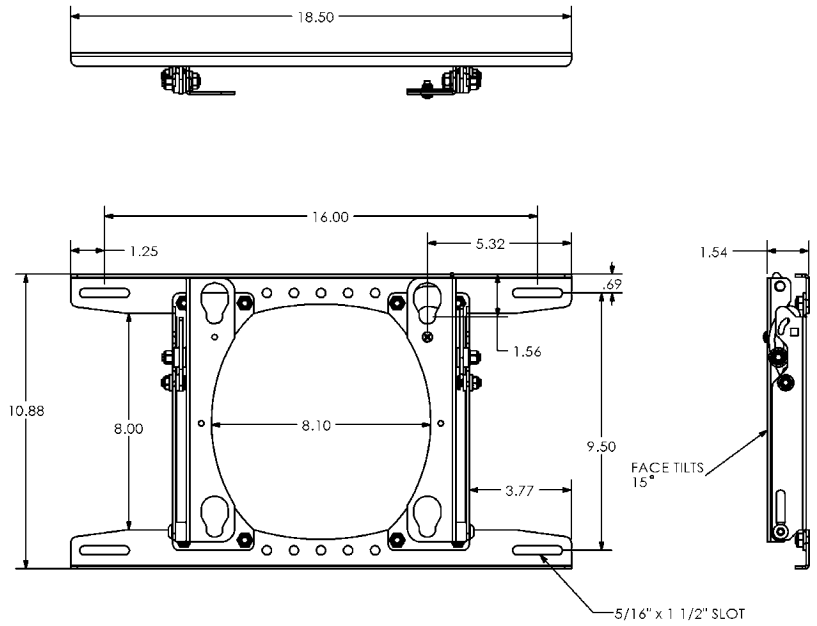
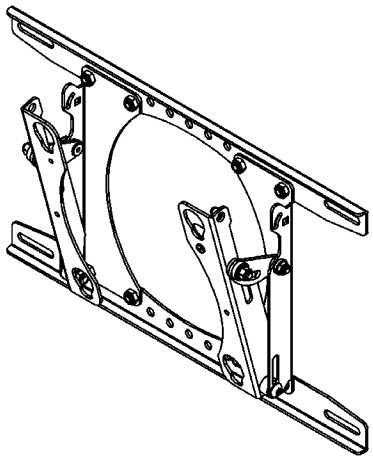
IMPORTANT WARNINGS and CAUTIONS!

WARNING	**A WARNING alerts you to the possibility of serious injury or death if you do not follow the instructions.**
CAUTION	A **CAUTION** alerts you to the possibility of damage or destruction of equipment if you do not follow the corresponding instructions.
• **WARNING**	**Improper installation can result in serious personal injury! Make sure that the structural members can support a redundant weight factor *five times* the total weight of the equipment. If not, reinforce the structure before installing the MSP-MT**
• **WARNING**	**Be aware of the potential for personal injury or damage to the equipment if it is not installed correctly. Consider the weight of the mount without the display.**
• **WARNING**	**The installer is responsible for verifying that the display to which the wall mount is fastened will safely support the combined load of all attached components or other equipment.**
• **WARNING**	**The combined weight of the display placed on the wall mount must not exceed 100 lbs (45.36Kg), the maximum support weight of the MSP-MT.**
• **WARNING**	**Watch for pinch points. Do not put your fingers between movable parts.**
• **WARNING**	**Make sure the flag securing the display is completely lowered at all times *except* when removing or installing the display. The flag must be all the way down when installing/removing cables.**
• **CAUTION**	Check the unit for shipping damage before you begin the installation.

DIMENSIONAL DRAWING





NOTE: CUSTOM INTERAFCE BRACKET NOT SHOWN. THE CUSTOM INTERFACE BRACKET NEEDED FOR YOUR DISPLAY WILL ADD BETWEEN 1/2" AND 2" IN DEPTH AND MAY AFFECT LOCATION OF DISPLAY ON THE MOUNT.

SEE MSB-XXXX DRAWING ALSO.

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TOOLS REQUIRED FOR INSTALLATION

- Drill and drill bit set
- Wrench set

NOTE: Other tools may be required depending on your method of installation.

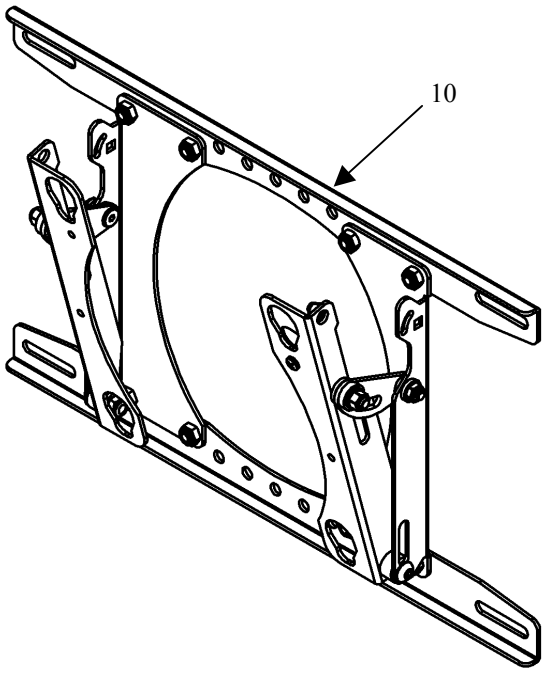


Figure 1. Parts

PARTS LIST

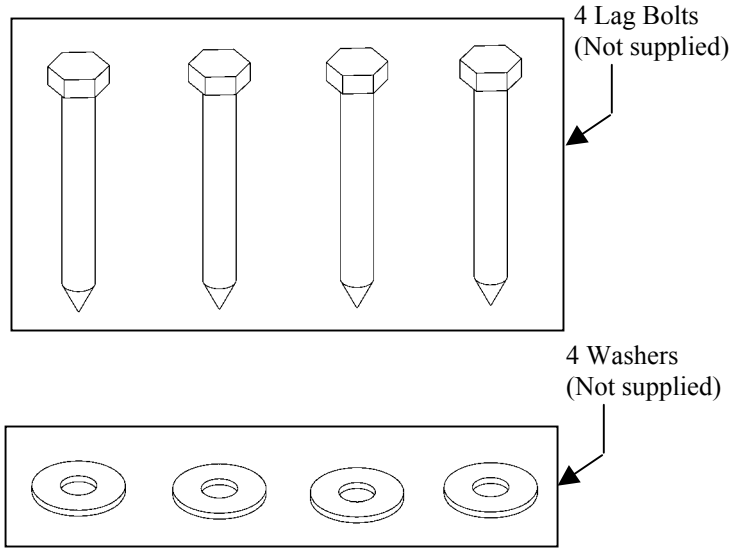
Prior to assembly, unpack the carton completely. Verify contents listed in Table 1 and Figure 1.

Read installation instructions completely. If you are missing any of the listed parts, contact Customer Service at: 1-800/582-6480.

Table 1. Parts List

REF	DESCRIPTION	QTY
10	MSP-MT Tilt Mount	1
—	*BOLT, Lag, 5/16" x 2-1/2" (required, not supplied)	2 or 4
—	*WASHER, 5/16" (required, not supplied)	2 or 4

* Quantity required is dependant upon mounting configuration chosen during installation. See "**Error! Reference source not found.**" section of this document to determine appropriate quantities.



INSTALLATION

Perform the following procedures to mount the MSP-MT.

Select Mounting Location

To select the mounting location, do the following:

WARNING: It is the responsibility of the installer to verify that the wall to which the mount is anchored will safely support the combined load of all attached components and equipment.

1. Determine the exact mounting location to install the wall mount prior to installation, keeping in mind the screen size.

NOTE: Mount the MSP-MT on dual wall studs or some other equivalent supporting framework that is vertical or horizontal.

2. Use a stud sensor to locate existing stud(s), and identify available framework.
3. Identify appropriate mounting-hole pattern. See Figure 2, Figure 3, and Figure 4 to determine appropriate mounting hole pattern for the framework identified.

NOTE: The MSP-MS can be mounted using either a two, or four mounting-hole pattern depending upon available framework (see Figure 2, Figure 3, and Figure 4).

Once suitable framework and appropriate mounting pattern have been identified:

4. Locate and mark locations of all mounting holes making certain that marks are on center of all studs (see Figure 2, Figure 3, and Figure 4).
5. Drill pilot holes using a 7/32" drill bit.
6. Proceed to the "Mount the MSP-MT" procedure.

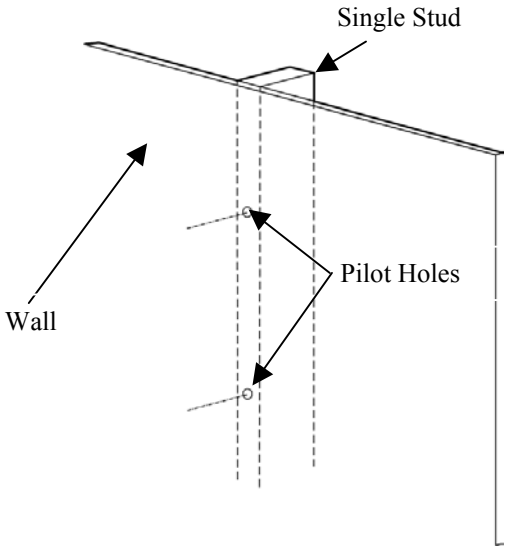


Figure 2. Single Stud Pilot Hole location

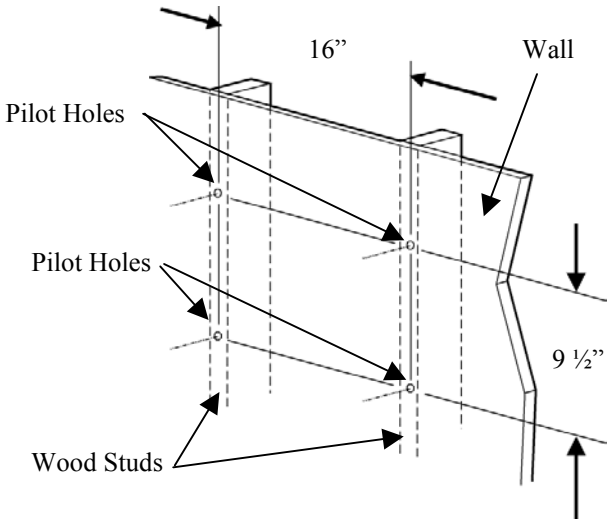


Figure 3. Vertical Dual Stud / Masonry Pilot Hole Location

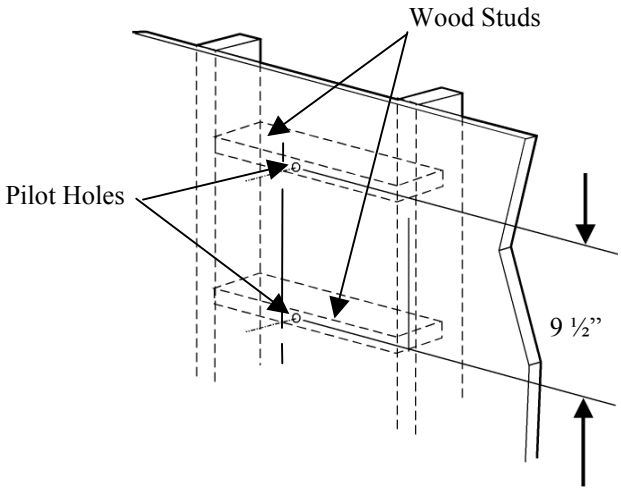


Figure 4. Horizontal Dual Stud Pilot Hole Location

INSTALLATION *(Cont'd)*

Mount the MSP-MT

To mount the MSP-MT, do the following:

1. Place MSP-MT against wall and align upper mounting holes with upper pilot hole(s) in wall (see Figure 6).

NOTE: Lag Bolts and Washers are not provided.

2. Install 5/16" x 2-½" lag bolts, and 5/16" washers through MSP-MT upper mounting holes and into upper pilot holes. DO NOT fully tighten upper lag bolts at this time.
3. Verify lower MSP-MT mounting hole(s) align with lower pilot hole(s), and that the mount is properly positioned.
4. Install 5/16" x 2-½" lag bolts, and 5/16" washers through MSP-MT upper mounting holes and into lower pilot holes.

NOTE: Once mounted on wall, MSP-MT location can be adjusted up to a maximum of one inch right or left of slot center, if using slotted mounting holes, or up to a maximum of three inches right or left if mounted using the single stud mounting holes (see Figure 6).

5. Once MSP-MT is properly positioned, tighten all lag bolts.

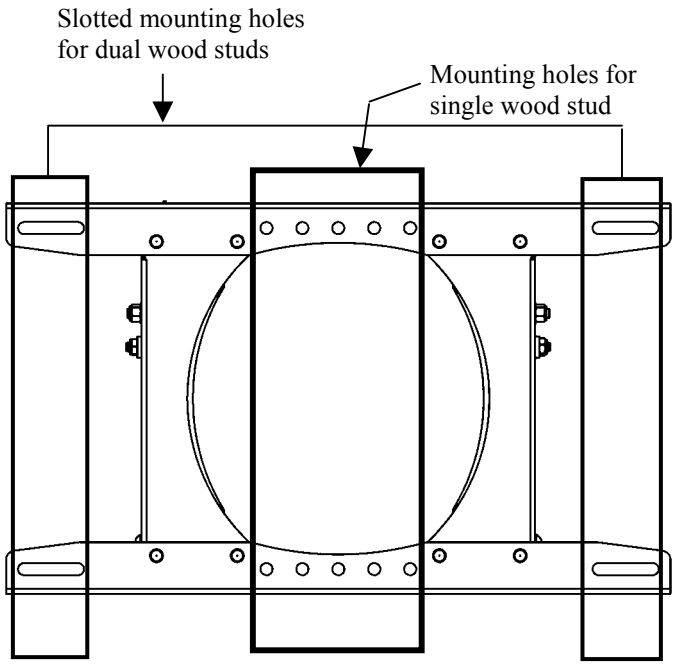


Figure 5. Mounting Holes

ATTACH MSB TO THE DISPLAY

To attach the MSB to the display, do the following:

- To help your identify the correct MSB that matches the model number of your display, refer to the cross-reference chart at www.chiefmfg.com.
- To download the corresponding MSB installation instructions, refer to www.chiefmfg.com.

OR

- Contact Customer Service at 952-582-6480 if you have any questions about how to select the MSB that matches the model number of your display.

INSTALL THE DISPLAY

To install the display, do the following:

NOTE: Verify that all power/audio/video cables are disconnected from the display and the latching flag is lowered in the down position before attempting to mount the display.

1. With the aid of another person, lift the display up to the mount (10) on the wall, aligning mounting buttons on the MSB with the teardrop slots on the mount, and lower the display firmly into place (see Figure 6).
2. Raise the latching flag (2 places) to secure the display (see Figure 7). If the flag does not fully engage, check to ensure the mounting buttons are fully seated in the slots.

NOTE: A padlock may be installed through the hole in the latching flag for additional security.

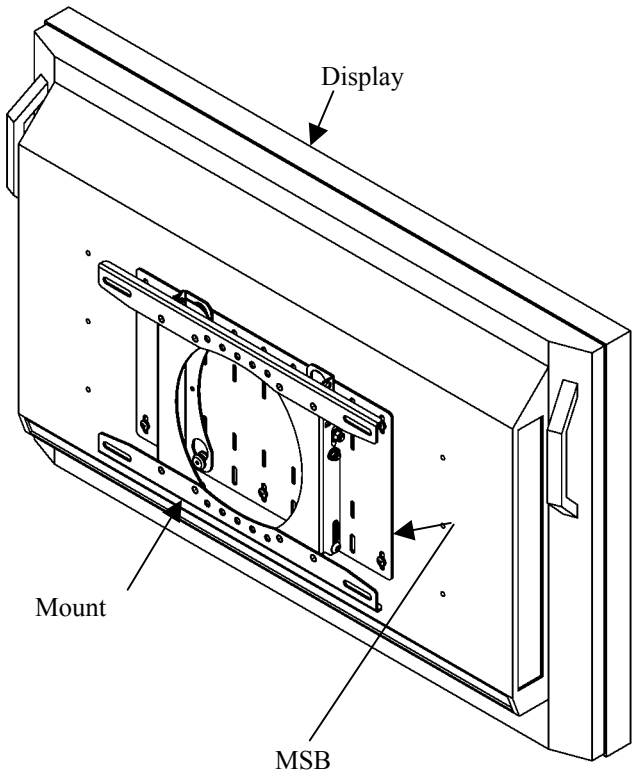


Figure 6. Mount Plasma Tilt Bracket to Wall

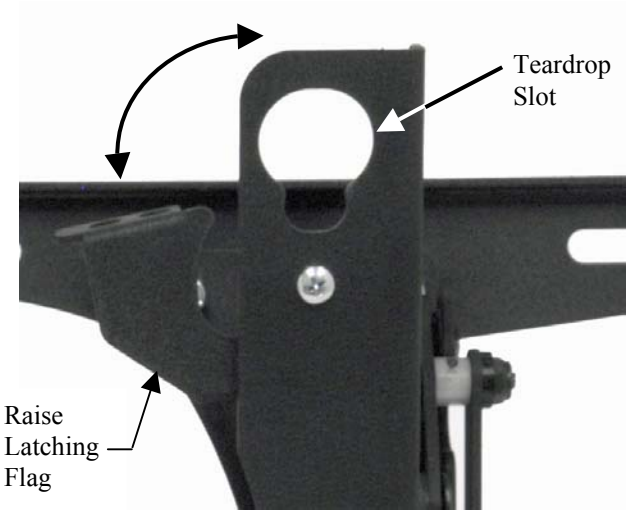


Figure 7. Raise Latching Flag to Lock

TILT ADJUSTMENT

To set the tilt adjustment of the mount, do the following:

CAUTION: Loosen the nut only. To avoid equipment damage, do not remove the nut from the mount.

1. Using 7/16” socket wrench, loosen the nuts (see Figure 8) on both arms of the mount.

CAUTION: Do not over-tighten the nuts. Over-tightening the nuts may cause excessive wear and may damage your mount.

2. Pull and tilt the arm to the desired position. Tighten both nuts.
3. Repeat Steps 1 and 2 until the desired tension is obtained.

REMOVE THE DISPLAY

To remove the display from the mount, do the following:

1. Disconnect all power/audio/video cables.
2. Lower the latching flag to unlock the display (refer to Figure 7).
3. With the aid of another person, lift the display up and out of the teardrop slots in the mount to remove the display.

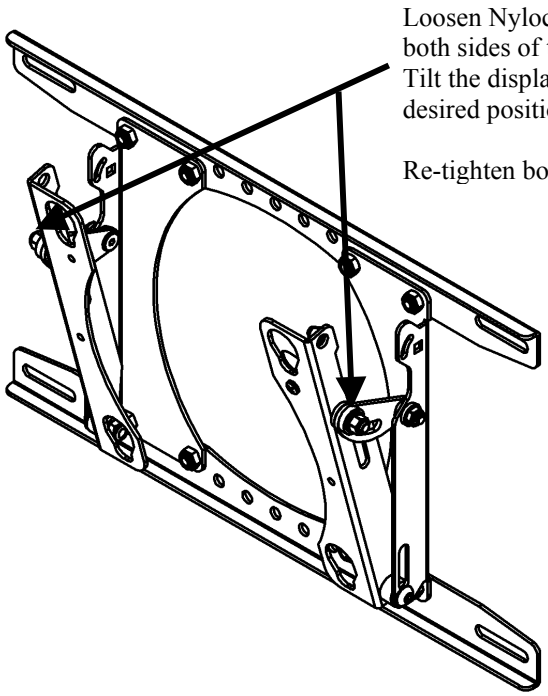


Figure 8. Tilt Adjustment