INSTALLATION INSTRUCTIONS

Dual Ceiling Mount

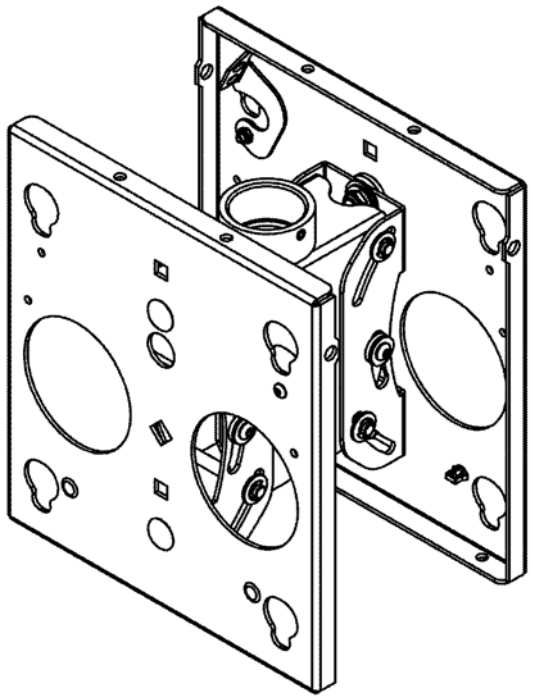
Model: MSP-DCC-LMCD

The LMCD is a strong, durable ceiling mount that is designed to hang dual flat panels.

The tilt range for each individual mounting faceplate is 5° up and 20° down. Once adjusted for optimal viewing, the position of each faceplate can be locked in place to prevent accidental alignment changes.

The mount also uses Chief's exclusive Q-Latch® mounting system, which offers quick connect/disconnect display mounting; optional padlock provides additional display security.

Q-Latch® is a registered trademark of Chief Mfg.



BEFORE YOU BEGIN

CAUTION: To prevent damage to your display and LMCD, 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 maximum weight to be installed on the LMCD ceiling mount is 200 lbs (90.7 kg).
- If a defect is discovered after Dell's initial 21-day Customer Satisfaction period, Chief Mfg. will, at its option, repair or replace the product at no charge provided it is returned during the warranty period. Please note the contact information for Chief Mfg. listed below.
- If you have any questions about this installation, contact Chief Manufacturing at 1-800-582-6480 or 952-894-6280.

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! It is the installer's responsibility to make sure structural members can support a redundant weight factor five times the total weight of the equipment. If not, reinforce the structure before installing the mount.

WARNING: Improper installation can result in serious personal injury! Make sure all components are properly assembled and installed using instructions provided.

WARNING: The combined weight of the mount, display, and all attached components or other equipment must not exceed 200 lbs (90.7 kg), the maximum support weight of the mount.

WARNING: Watch for pinch points. Do not put your fingers between movable parts.

WARNING: Make sure the Q-Latch securing the display is fully latched at all times except when removing or installing the display.

CAUTION: Check the unit for shipping damage before you begin the installation.

TOOLS REQUIRED FOR INSTALLATION

- 5/32" Hex Wrench (provided)
- Socket wrench set
- Pipe wrench

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

PARTS

Unpack carton, inspect and verify contents (See Figure 1). Read installation instructions completely. If any listed parts are missing, contact Chief Customer Service at 1-800-582-6480.

Table 1: Parts

10	MOUNT ASSEMBLY, Ceiling, MSP-DCC-LMCD	1
20	SCREW, Set, 5/16" - 18	1
30	WRENCH, Hex, 5/32"	1
--	PIPE, 1-1/2" NPT (Required, Not Supplied)	1

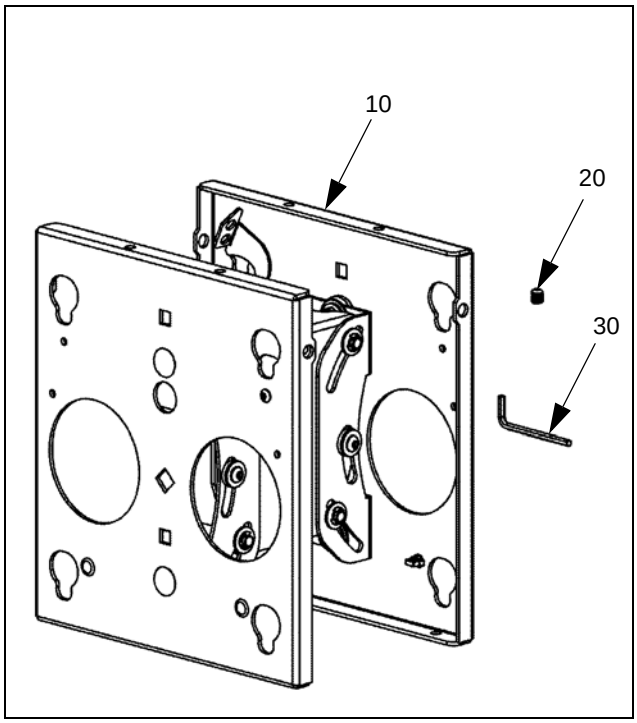
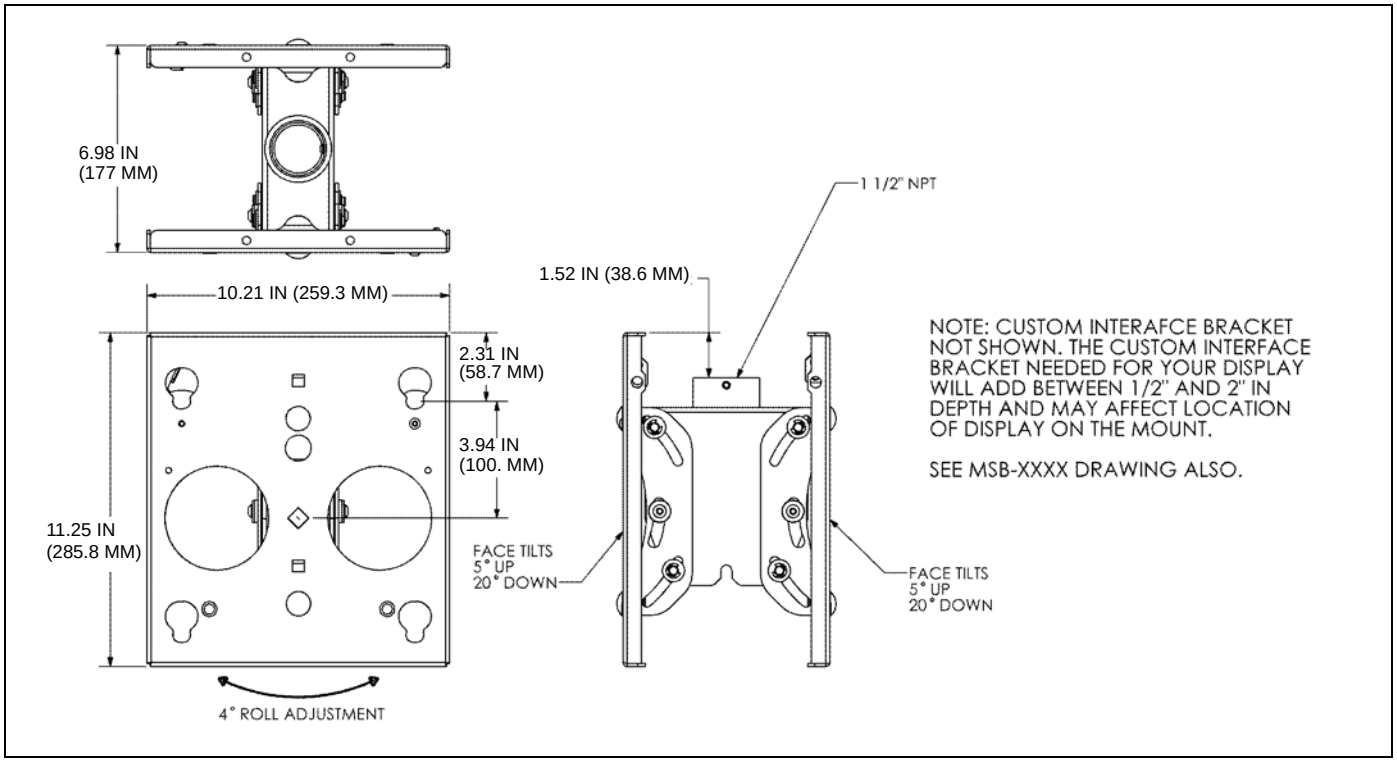


Figure 1: LMCD Parts

DIMENSIONAL DRAWING



INSTALLATION

MOUNT INSTALLATION

NOTE: Read the Warnings and Cautions on page 2.

Perform the following procedures to install the mount.

WARNING: It is the responsibility of the installer to verify that the 1-1/2" NPT pipe to which the mount is anchored will safely support the combined load of all attached components and equipment.

Attach Mount to NPT Pipe

To attach mount to NPT pipe, do the following:

1. Thread mount (10) onto existing 1-1/2" NPT pipe at least four complete turns (See Figure 2).
2. Using hex wrench (30), insert 5/16"-18 set screw (20) into threaded collar on mount (10).

NOTE: The set screw must be installed to prevent movement of mount relative to NPT pipe.

3. Tighten set screw (20) to lock mount in position.

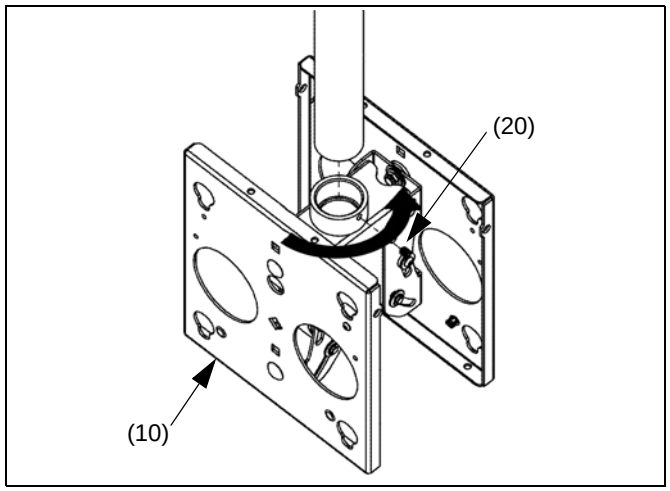


Figure 2: Attach Mount to NPT Pipe

DISPLAY INSTALLATION

The following procedure assumes that the proper interface bracket for display being mounted has already been installed on display.

If no interface bracket is present on display, install bracket to display using instructions included with interface bracket before proceeding.

NOTE: No interface bracket is needed when four mounting buttons are physically attached to display, allowing for direct attachment to mount.

If an interface bracket for display being mounted needs to be obtained, or additional assistance is required, contact a Chief Customer Service representative by calling 1-800-582-6480 or by visiting www.chiefmfg.com.

To install the display, do the following:

1. Two Q-latches are installed on this mount (one on each faceplate). Make sure both Q-Latches are in the UNLATCHED position (See Figure 3).

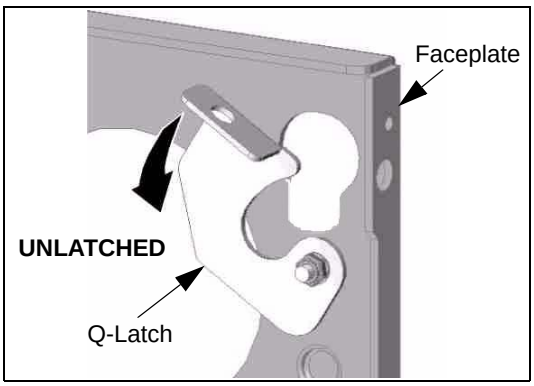


Figure 3: Q-Latches (Unlatched)

2. While supporting each side of display, align four mounting buttons on interface bracket with four teardrop slots in mount faceplate (See Figure 4). Lower display firmly into place (See Figure 5).

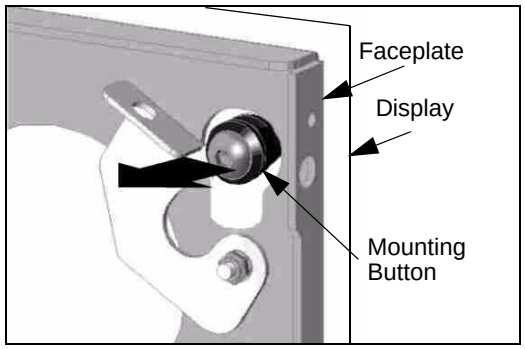


Figure 4: Align Display

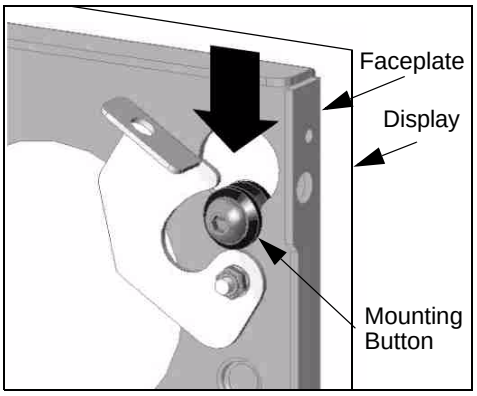


Figure 5: Lower Display

CAUTION: Q-Latch must fully engage mounting button.

3. Secure display by rotating Q-Latch to the fully LATCHED position (See Figure 6). If Q-Latch does not fully engage, ensure mounting buttons are fully seated in teardrop slots.
4. Repeat steps 2. and 3. for second display.

NOTE: A hole is provided in the Q-Latch and faceplate to accommodate insertion of a padlock or similar locking device.

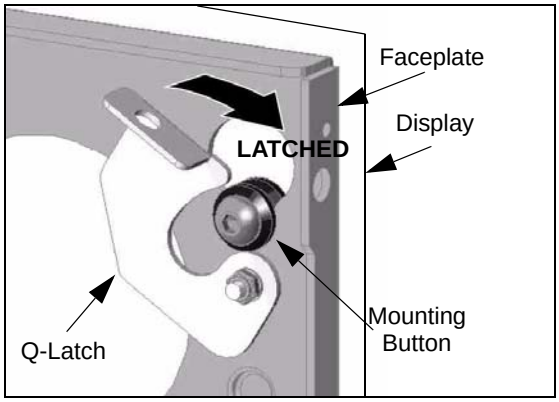


Figure 6: Q-Latches (Latched)

WARNING: The Q-Latch must be fully LATCHED prior to connecting cables to display.

5. Connect cables to display.

REMOVE THE DISPLAY

1. Disconnect all power/audio/video cables.
2. UNLATCH applicable Q-Latch (See Figure 3).
3. With the aid of another person, lift display up and out of teardrop slots in mount.

ADJUSTMENTS

Perform the following procedures to adjust displays on dual mount to desired angles.

WARNING: Watch for pinch points. Do not put fingers between movable parts.

NOTE: When making an adjustment, tighten fasteners only as required to hold mount in place. Do not over-tighten fasteners. Over-tightening fasteners may cause excessive wear and may damage your mount.

Roll Adjustment

This mount provides for limited roll adjustment to level display after installation.

To make roll adjustment, do the following:

1. Using a 9/16" socket wrench, loosen 3/8"-16 roll adjustment (Nylock) nut at lower rear of each mounting plate (See Figure 7).
2. Rotate mounting plate left or right as needed.
3. Tighten nut.

Pitch Adjustment

To make pitch adjustment, do the following:

1. If necessary, use hex wrench (30) to loosen pitch adjustment screws, one on each side of mount (See Figure 7).
2. Adjust display to desired pitch.
3. If necessary, use hex wrench (30) to tighten pitch adjustment screws.

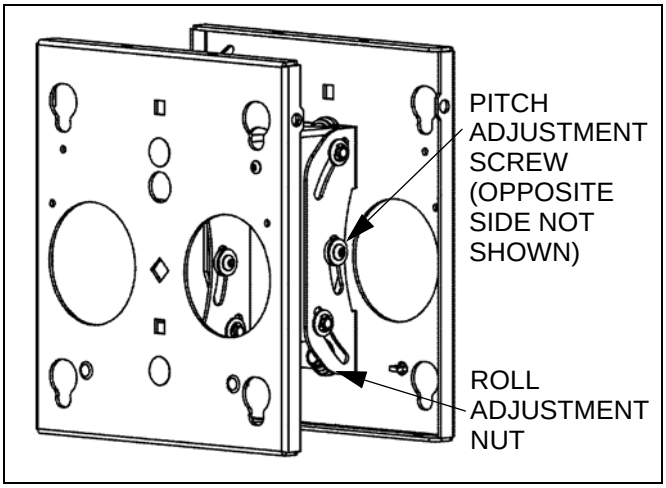


Figure 7: Adjustments