

Installation Instructions

MCM-Series TV Mount



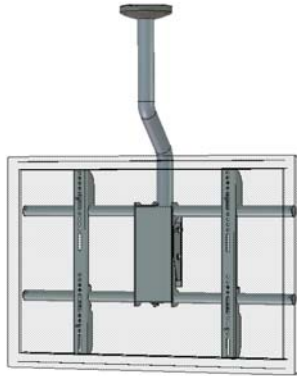
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DISCLAIMER

This document is intended to be made accurate and complete. However, there is no guarantee the information contained herein covers every aspect. The manufacturer and the distributor make no representation of any warranty regarding the information contained, and assume no corresponding responsibility.

WARNING:

- Prior to installation, please read and understand this instruction manual. If you have any questions or uncertainties, please consult your seller or local professionals.
- If the ceiling structure could not support the weight of mount and the TV, please reinforce the ceiling prior to the installation. Installation on drywall may be dangerous.
- To avoid damage, a plasma TV should never be laid flat. It must remain in an upright position.
- Tighten the screws firmly, but never overtighten.



Features:

Designed for 30" to 60" flat screen TVs

- TV is 26" ~ 32.5" from the ceiling.

OPTIONAL We offer a variety of extension pipes to extend the length from the ceiling.

- Up to 50° Tilt side to side, tilt -5° ~ 15° up and down, roll -6°~ +6° to adjust horizontal level
- Maximum TV Weight: 175 lb / 79.38 kg

Required tools: Stud finder; Screwdriver; Level; Drill

Parts list:

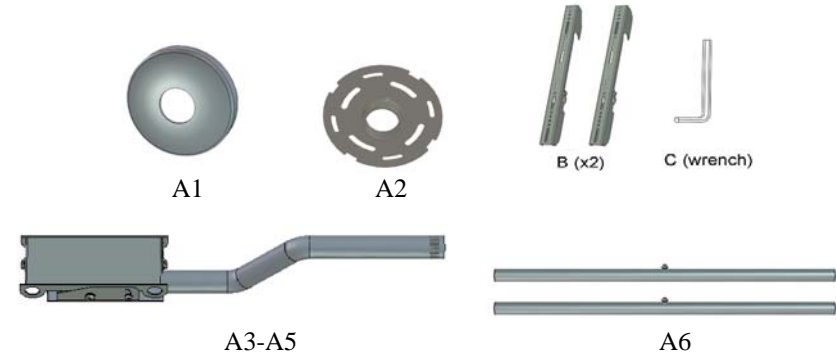


Figure 1: Part list

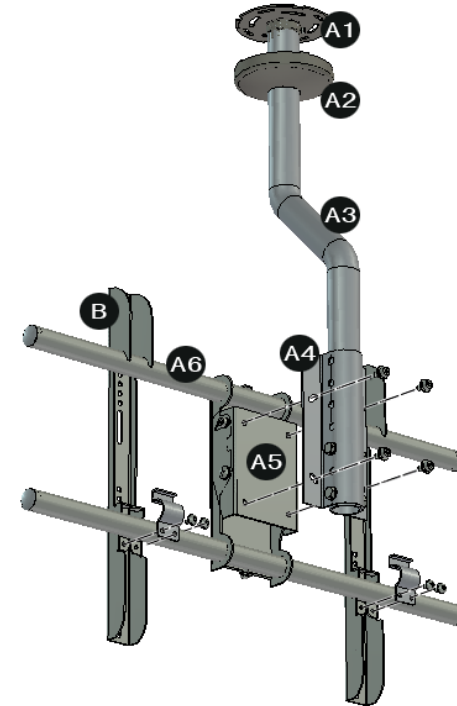
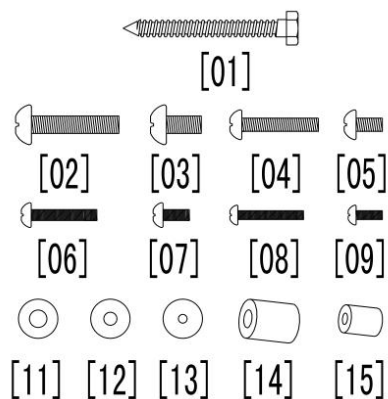


Figure 2: Every PARTS and it's position (Part A3~ A5 come assembled)

Screw list:



Description	Qty
[01] Wood Screw	8
[02] M8 x 40 Screw	4
[03] M8 x 16 Screw	4
[04] M6 x 35 Screw	4
[05] M6 x 12 Screw	4
[06] M5 x 30 Screw	4
[07] M5 x 12 Screw	4
[08] M4 x 30 Screw	4
[09] M4 x 12 Screw	4
[11] Washer for M8 screws	4
[12] Washer for Wood Screws(Qty:8) and for M6 Screw(Qty:4)	12
[13] Washer for M5, M4 Screw	4
[14] Spacer for M6 Screw	4
[15] Spacer for M5, M4 Screw	4

[01] (Wood Screw) is used with 4 or 8 [12] (washer) to secure the Part A1 to the wood stud. [02]~[09] are various screws for all kinds of TVs. They are used with washers [11] ~ [13]. Spacers, [14]~[15] are used to create more space between the TV and the mount when necessary, for example, curved back of TV, need more room for cable access, and TV with recessed screws.

Step 1: Mounting TV interface arm (Part-B) to the back of the TV

a) If your TV has a flat back surface – No curves and steps

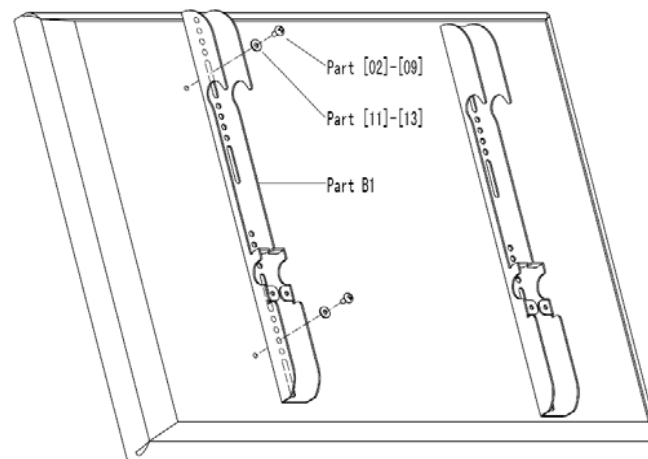


Figure 3: install Part-B1 to the TV

b) if your TV has an uneven or curved back surface, use the supplied spacers ([14]-[15]) to compensate or adjust the height. If more space are needed between the mount and TV, use spacers [14] or [15] !

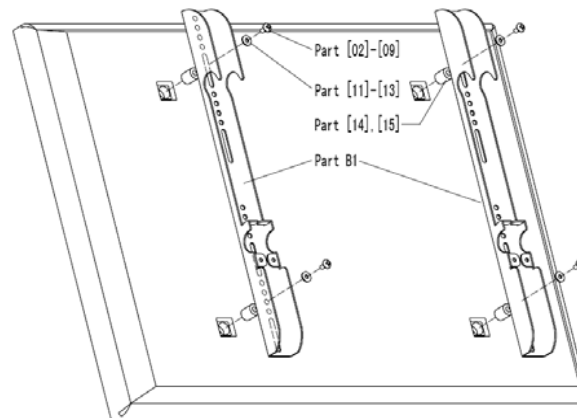


Figure 4: install Part-B1 to the TV, II

Step 2: Install the ceiling plate

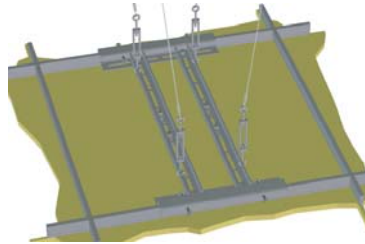
Wood stud: To install to a typical wood stud ceiling, first identify the wood stud using a stud finder, then secure the ceiling plate (Part-A1) to the ceiling using wood screws (Part-[01]).

Warning: The supplied wood screws (Part-[01]) may be used with a drill, but it must be hand tightened using wrench to avoid damaged on the threads.

Concrete ceiling: Drill holes for the concrete anchor*, insert the anchors, then have the wood screws screwed into the anchors.

*concrete anchor is sold separately, or available in local hardware stores.

OPTIONAL False/Drop/Suspended ceiling: Using our suspended ceiling adaptor, the mount could be installed underneath drop ceiling tile. The suspended ceiling adaptor will be supported by the true ceiling structure.



See Figure-6 for the measurement of Part-A1, before you drill holes on the ceiling.

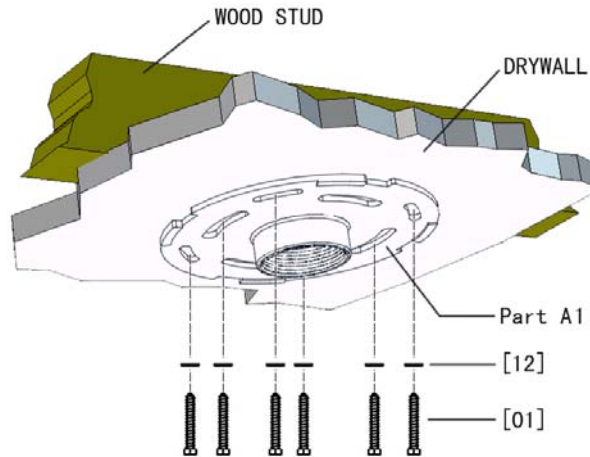


Figure 5

OPTIONAL The threaded rods and U-Bolt shown on below on Figure-6 are only used with following applications. Not applicable to normal residential wood structures

Threaded Rod / Trusses / I-Beams / Unistrut: See Figure-6, use inner four holes to install with four 1/4" or 5/16" threaded rods.

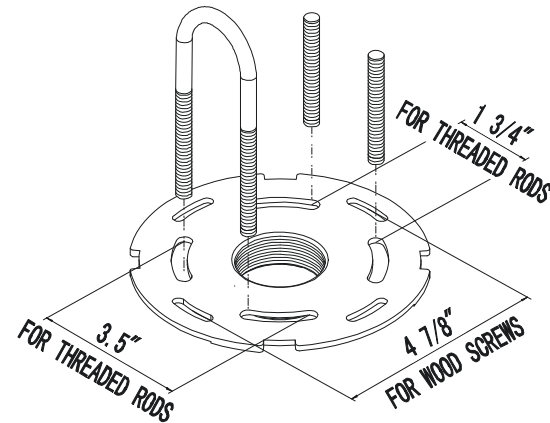


Figure 6

CABLE MANAGEMENT Insert the cables through the central hole on the Ceiling Plate (Part-A1) before you tighten the screws (Part-[01]).

Mounting to solid ceiling

Use a solid ceiling anchor (not included, can be purchased from local hardware store) along with the wood screws (Part-[01]). First drill a hole for the solid ceiling anchor, put it in, attach Part-A1, and screw Part-[01](wood screw) into the solid ceiling anchor.

*solid ceiling anchor is sold separately, or available in local hardware stores.

Warning: Make sure the ceiling can support the combined weight of the mount and the TV.

Step3: Assemble the MCM TV mount

a) Attach Part-A2 and Part-A3

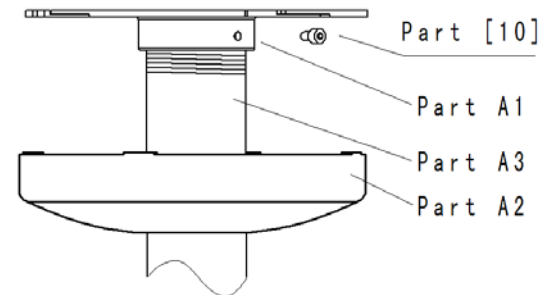


Figure 7

Get Part-A3 through Part-A2 from the threaded side first. loose out the M4 screw(Part-[10]) which has been locked in Part-A1. Install Part-A3 to Part-A1 and tighten the connection. Tighten Part-[10] to lock the position between Part-A1 and Part-A3. Then Part-A2 could be snapped to the ceiling plate (Part-A1), and now turn Part-A2 clockwise,

it will be locked on the ceiling.

Note A set screw Part-[10] is used lock Part-A1 and Part-A3, however, do NOT tighten it until YAW adjustment is completed.

b) Attach Part-A6

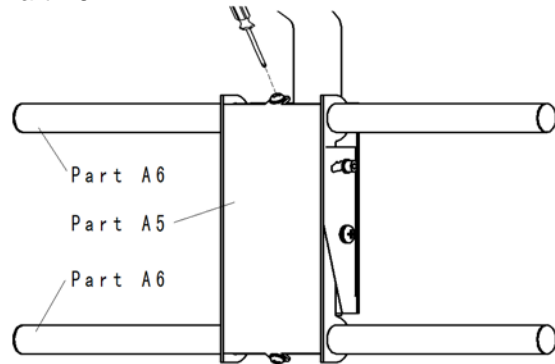


Figure 8

c) Adjust the high from the ceiling.

6.5" adjusted are designed to make MCM can meet your TV size or to make a little high adjustment. Loose the 2 bolts which has been tightened in Part-A4(Figure 9). Move to the position you need and tighten the bolts again. We offer a variety of extension pipes to extend the length of Part-A3.

Step 4: Hang the TV with the interface arms installed (Part-B) onto the ceiling pipe arms (Part-A6)

Hook the TV with arms (Part-B) installed onto the top of the ceiling pipe arms (Part-A6), then slowly swing screen inward.

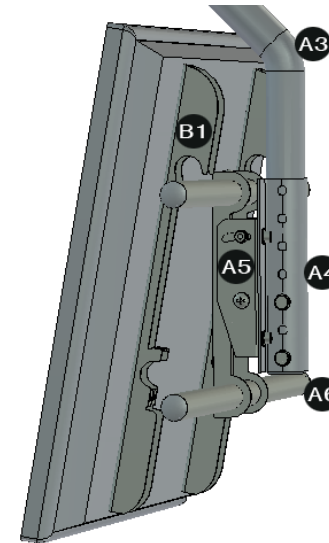


Figure 9: Hook on TV with Part-B1

CABLE MANAGEMENT

The cables which had been inserted through the Ceiling Plate (Part-A1) can exit from the central hole of Part-A3 .



Figure 10: Lock Part-B to Part A

Tilt adjustments

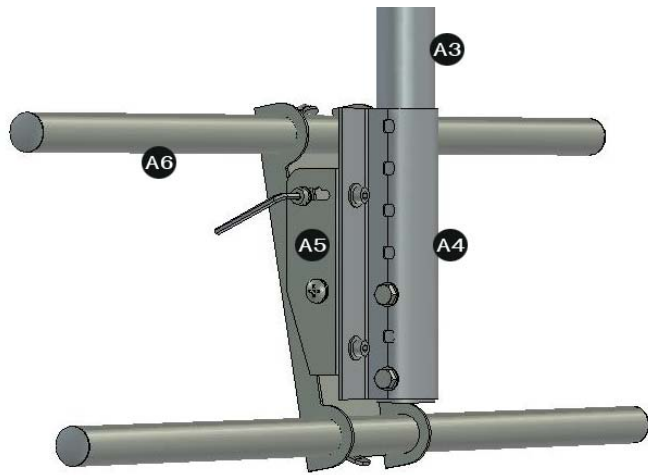


Figure 11: Tilt adjustments

Roll adjustments

Roll adjustments are used to make the TV horizontal. Loose the roll adjustment screws at the back of Part-A4 and tighten after adjustment.

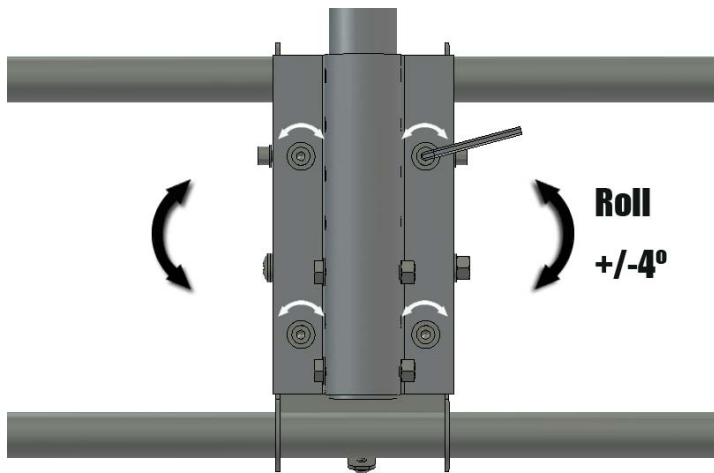


Figure 12: Roll adjustments

OPTIONAL Delicate LCD? We offer SLF Plates on below on Figure-6 .

It can be easily installed to MCM.

Remove MCM pipe arms because you don't need them. Install the SLF wall-plate to Part-A5 of MCM with 4 SLF screws, and install LCD to SLF LCD-plate with another 4 [02]-[13] screws. Put the LCD up, slide down the LCD-plate into the wall plate of SLF.

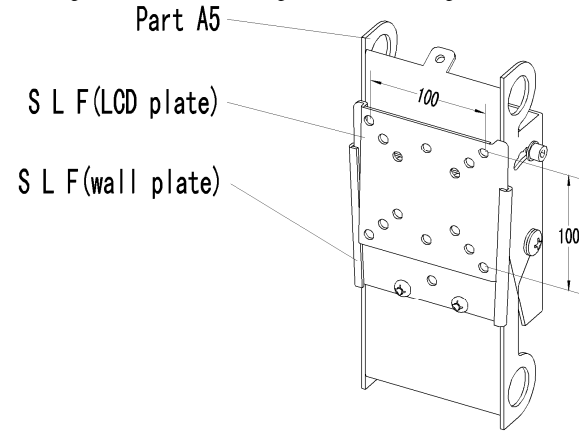


Figure 12: Install SLF to MCM

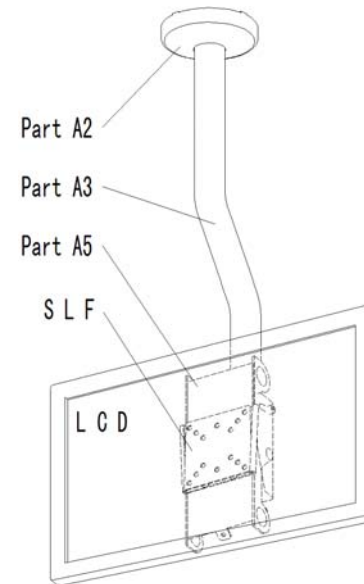


Figure 13

Troubleshooting:

1. Some TVs might have cable access in the middle, which might be blocked by Part-A5. If this is the case, please use Spacers [14] or [15], to increase the distance between the mount and the TV.
2. If the articulating arms are too tight, some lubricating oil like WD-40 could be safely applied.