



MTC-502XL

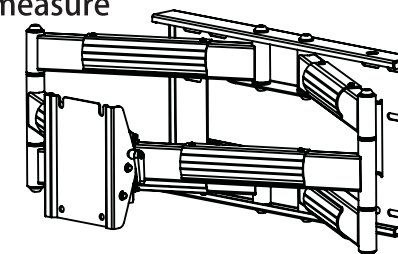
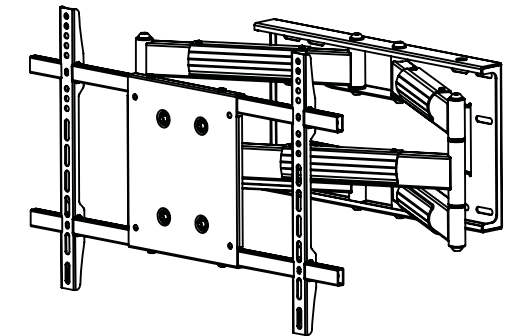
INSTRUCTIONS

PLEASE READ THESE INSTRUCTIONS CAREFULLY AND KEEP FOR FUTURE REFERENCE! IF YOU DO NOT UNDERSTAND THE INSTRUCTIONS, OR DO NOT FEEL THAT YOU CAN FOLLOW THEM SAFELY, CONTACT A QUALIFIED CONTRACTOR. THE WARRANTY WILL BE HONoured IF ACCOMPANIED BY AN ORIGINAL SALES RECEIPT, AND ONLY IF THE INSTRUCTIONS HAVE BEEN FOLLOWED EXACTLY.

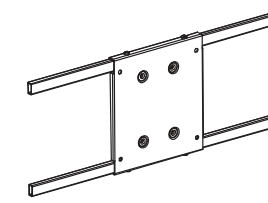
- The MTC-502XL is designed to mount a panel onto a vertical wall. Hardware for mounting to a wood stud is included. For mounting to any other surface, it is recommended you contact a qualified contractor.
- The wall or mounting surface must be capable of supporting the combined weight of the mount and the display, otherwise the structure must be reinforced.
- Safety gear and proper tools must be used. A minimum of two people are required for this installation. Failure to use safety gear and/or attempting this installation alone can result in property damage, serious injury, or death.
- Follow all instructions and recommendations regarding adequate ventilation and suitable locations for mounting your flat panel. Consult the owner's manual for your flat panel for more information.
- This product will hold flat panels up to 90" and weighing up to 200 lbs.
- VESA 800mm x 400mm

Tools Required

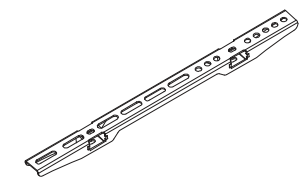
- Stud finder ("edge to edge" stud finder is recommended)
- Phillips screwdriver
- Pencil
- Hammer Drill (Concrete installation only)
- 1/4" drill bit for wood studs, 3/8" drill bit for concrete
- 7/16" socket wrench or bit driver for wood screws
- Level
- Tape measure



Wall Plate (x1)



Adaptor Plate (x1)



Adaptor Brackets (x2)

Parts List

A	B	C	D	E	F	G	H
M6*15mm (x8)	M6*35mm (x4)	M8*15mm (x4)	M8*35mm (x4)	M8*45mm (x4)	Metal Washer φ 6mm (x8)	Metal Washer φ 8 mm (x4)	Spacers (x4)
I	J	K		L	M		
M8*12mm (x4)	Slider Plates (x4)	Allen Key (x1)		Anchor (x6)	Lag Bolt 8*70mm (x6)		

Step 1A - Mounting the wall plate to wooden studs (Fig. 1)
 The MTC-502XL can be mounted onto two wooden studs, with center to center distances between 24" (609.6mm).

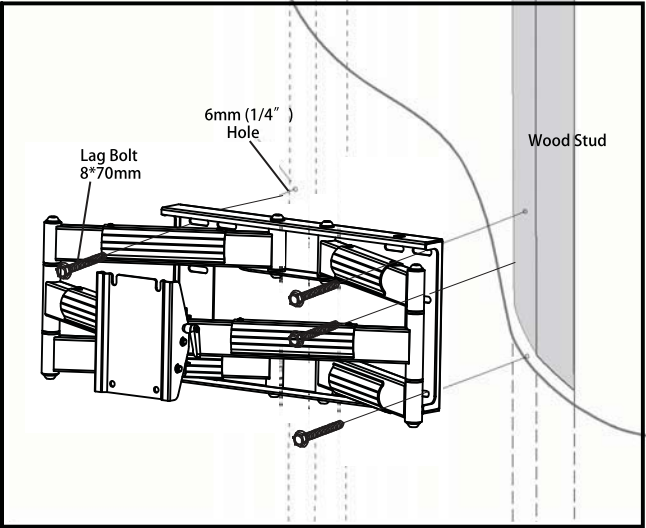
Using an electronic stud finder, locate the center of the two wooden studs at the desired mounting location. Mark the stud center positions directly on the wall. Connect the stud marks with a horizontal line and find the center between them to represent where you wish the center of the screen to be located. Be sure to measure and mark the center of this horizontal line.



Fig. 1

Place the wallplate on the wall. Pin the wallplate to the center mark on the wall. Using a level (bubble or laser), level the guide, and then press the adhesive backing against the wall to hold the guide in place. Using a 1/4" (6mm) drill bit, drill 6 pilot holes into the center of the studs , down to a depth of 3" (76mm).

NOTE: It is not recommended to use a drill driver or impact wrench to tighten bolts. Tighten lag bolts so that wall plate is firmly attached to wall, but DO NOT over-tighten. The lag bolts can be damaged by over-tightening which will strip their threading. Final tightening of lag bolts should be done by hand using a ratchet wrench and socket.



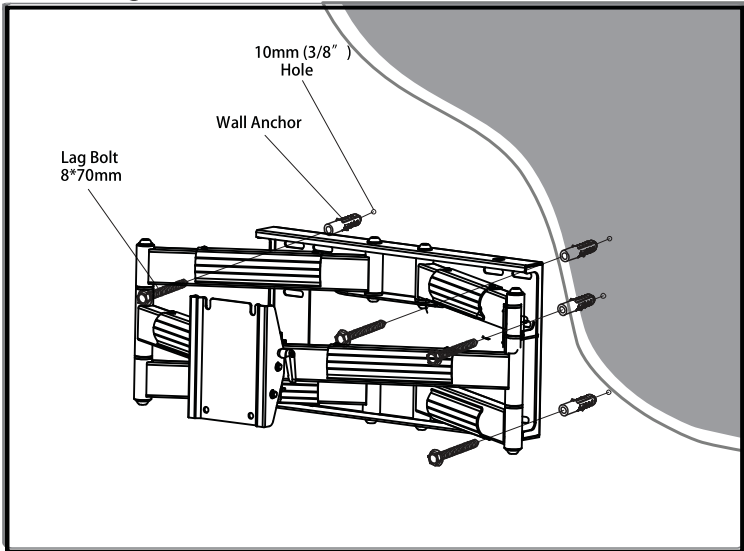
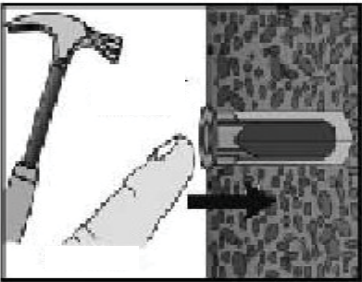
CAUTION: Two people recommended for lifting



Step 1B - Mounting the wall plate to concrete (Fig. 2)
 Place the wall plate on the wall. Pin the wall plate to the center mark on the wall. Using a level (bubble or laser), level the guide, and then press the adhesive backing against the wall to hold the guide in place. Using a 3/8" (10mm) masonry drill bit, drill 6 mounting holes 3-1/8" (80mm) deep into the concrete/masonry surface.

NOTE: It is not recommended to use a drill driver or impact wrench to tighten bolts. Tighten lag bolts so that wall plate is firmly attached to wall, but DO NOT over-tighten. The lag bolts can be damaged by over-tightening which will strip their threading. Final tightening of lag bolts should be done by hand using a ratchet wrench and socket.

Fig. 2



CAUTION: Two people recommended for lifting



Step 2 - Assembling the Adaptor Plate (Fig.3)

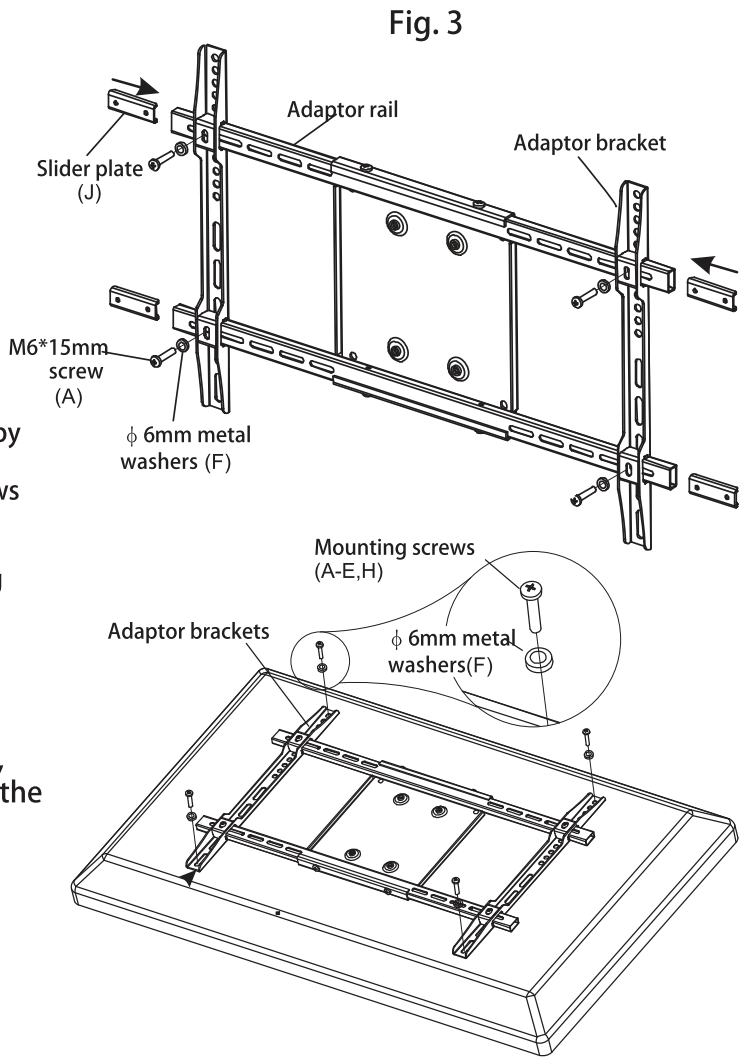
Insert slider plates (x4) into the adaptor rails, then insert the adaptor brackets into the adaptor rails. Attach the adaptor bracket and slider plates with four M6*15mm screws and four ϕ 6 mm metal washers using a Phillips screw driver.

Attach the adaptor bracket onto the panel using the provided M6, M8 screws.

NOTE: Determine the correct diameter of screw to use by checking your panel's user manual, or by testing the screws provided. Make sure not to force any of the screws into the panel.

NOTE: If the back of your panel is flat and the mounting holes are flush with the surface, use the shorter panel screws. If the back of your panel is curved, protruded, or recessed, use the longer screws. You may also need to use spacers with the longer screws.

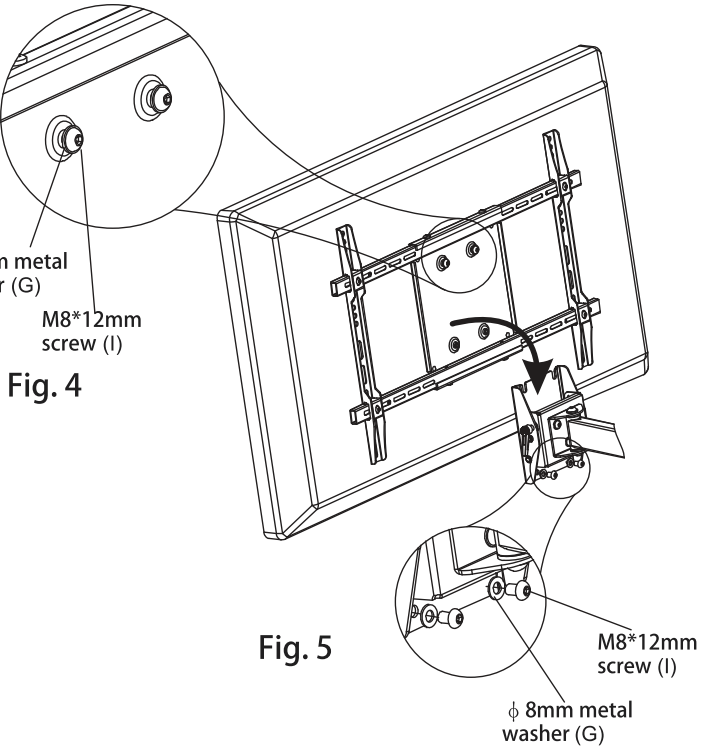
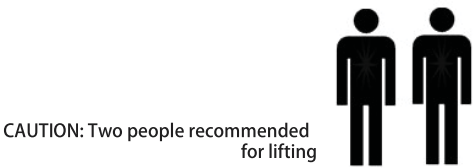
Now slide the opposite mounting rail into position, align it with the mounting holes, and secure using the mounting hardware.



Step 3 - Attaching the flat panel to the mount

By hand, insert two M8*12mm screws and ϕ 8 mm metal washers into threaded holes on the adaptor panel as shown in Fig.4. Leave approximately 3/8" of exposed thread.

With the help of an assistant, carefully lift the panel and attach it to the mount head cautiously. Tighten the screws as shown in Fig.5.



Step 4 - Using cable management (Fig. 6)

The MTC-502XL includes a cable management system where cable can be routed along the length of the arm assembly.

Route the panel cable along the entrance of the cable management slot.

NOTE: For optimal performance, route the AC power cable separately from the audio and video cables

With all cables in place, pull the panel in and out to be certain that the arm assembly moves freely, without stretching or damaging the cables.

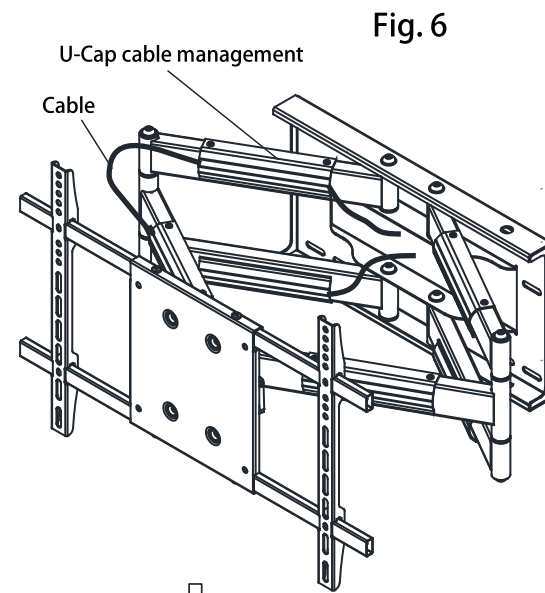


Fig. 6

Step 5 - Adjusting the flat panel

The MTC-502XL provides a wide range of adjustment possibilities to suit your environment.

Roll Control - Horizontal levelling of the flat panel display. Grasp the edge of the panel and roll it up or down into a level position (Fig.7.1).

Loosen the screws as shown in Fig. 7.2 to allow roll control adjustment. Tighten screws by hand when finished.

Tilt Adjustment - Raising or lowering the screen to improve viewing angle. First release completely the tilt knob as shown (Fig.9) Next, grasp the upper and lower edges of the panel, and then turn it to the desired tilt angle (Fig.8).

To lock the tilt angle, tighten the tilt knob (Fig.10) securely.

NOTE : For heavier panels, never fully release the tilt knob without fully supporting the panel. The tilt lever includes a ratchet function, so that it can be lifted and repositioned for the next turn. To operate the ratchet, pull the lever straight out, rotate it to an unobstructed position, release the lever, and then turn it in the desired direction. Repeat as necessary until the tilt tension is set properly (Fig.10)

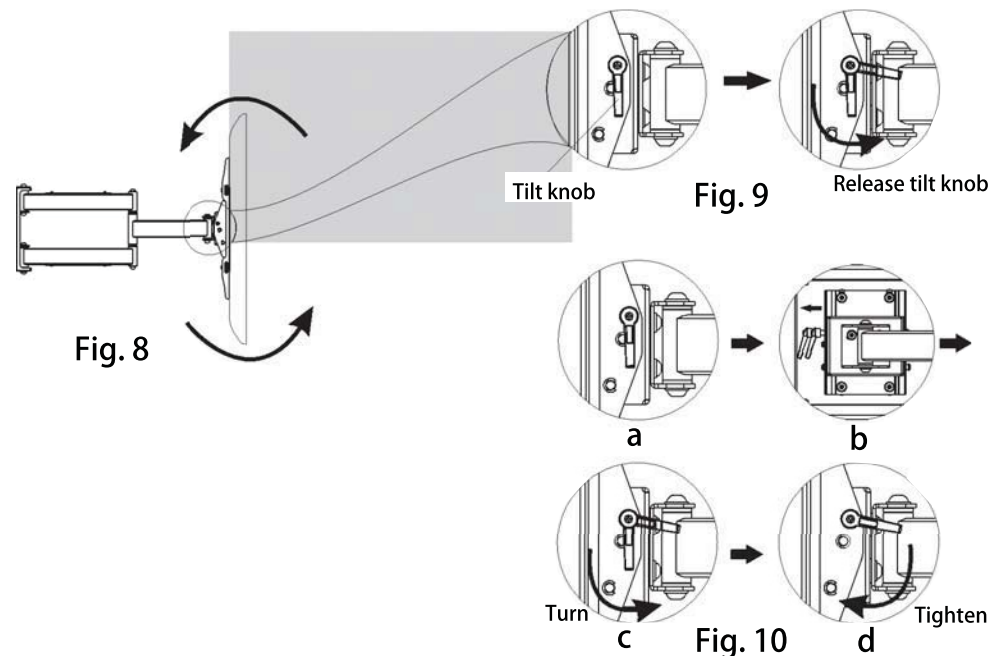


Fig. 7.1

Fig. 7.2

Fig. 9

Fig. 10

Swivel - Adjust the flat panel display for off-center viewing positions. Grasp the side edges of the panel and then swivel it into its desired position (Fig.11).

Panning - Position the flat panel display at an angle to the wall for viewing from opposite sides of the room. Grasp the side edges of the panel and then swivel and pull the panel into desired position (Fig.12).

Retracting the flat panel - Position the panel against the wall. Grasp the side edge of the panel, swivel and pull it into the center position (Fig.13). Then gently push the panel straight back towards the wall into the retracted position (Fig.14).

NOTE : Use care when moving the panel to ensure that cables do not become stretched or pinched. It is recommended that you allow a small amount of slack in cables to allow for easy movement without pinching.

Fig. 11

Fig. 12

Fig. 13

Fig. 14

Maintaining the MTC-502XL

The arm assembly and wall plate may be cleaned with a soft sponge and mild solution of soap and water.

Caution : Be sure not to get moisture on the electrical connections or the panel.