

FULL MOTION WALL MOUNT FOR LCD, PLASMA, and LED DISPLAYS

INSTRUCTION MANUAL

SPECIFICATIONS

Display Size: 37" to 65"

Maximum Load: 68 kg (150 lbs)

Mounting Pattern: 800 mm x 500 mm (31.5" x 19.7") max

Tilt Range: up to 15° down

Pan/Swivel Range: up to 80°

Profile: 7.7 cm to 46.6 cm (3.0" to 18.3")

BOX CONTENTS

- Wall Plate (x1)
- Full-motion Mount (x1)
- Mount Arm (x2)
- Hardware Kit (x1)
- Instruction Manual (x1)

WARNINGS

- Read these instructions before you begin.** If you are unsure of any part of the process, contact a professional contractor or installer for assistance. Improper installation can result in injury or damage.
- The wall or mounting surface must be capable of supporting the combined weight of the mount and the display; if not, the structure must be reinforced.
- Locate pipes, wires, or any other hazards in the wall where you wish to install the mount before drilling.
- Safety gear and proper tools must be used. Failure to do so can result in injury or damage.
- A minimum of two people are required for installation. Do not attempt to install this mount alone under any circumstances.
- Follow all instructions and recommendations regarding adequate ventilation and suitable locations for mounting your display. Consult the owner's manual for your particular display for more information.

WARNINGS (continued)

- CAUTION:** This wall mount is intended for use only with the maximum weight of 68 kg (150 lbs). Use with heavier than the maximum weights indicated may result in instability causing possible injury.

TOOLS REQUIRED

- Phillips Head Screw Driver
- Ratchet or Driver with 13 mm (1/2") Socket
- Electric or Portable Drill
- 6 mm (1/4") Drill Bit and Stud Finder for Drywall Installation
- 10 mm (3/8") Masonry Bit for Concrete Installation
- Level

HARDWARE KIT

- | | |
|------------------------------|---------------------------|
| (A) M8 x 63 Lag Bolt (x4) | (I) M8 x 12 Screw (x4) |
| (B) Lag Bolt Washer (x4) | (J) M8 x 30 Screw (x4) |
| (C) Concrete Anchor (x4) | (K) M6 Washer (x4) |
| (D) M8 x 10 Allen Screw (x4) | (L) Spacer (x8) |
| (E) M6 Washer (x4) | (M) Safety Stopper (x2) |
| (F) M5 Allen Key (x1) | (N) Socket Wrench (x1) |
| (G) M6 x 12 Screw (x4) | (O) Cable Management (x1) |
| (H) M6 x 30 Screw (x4) | |

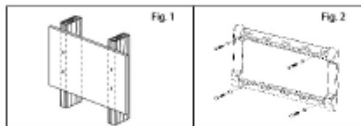
INSTALLATION

Part 1A – Mounting to the Wall (Drywall)

IMPORTANT! For safety reasons, this mount must be secured to at least two wood studs no less than 16" apart. The studs must be capable of supporting the combined weight of the mount and display.

Part 1A – Mounting to the Wall (Drywall) (continued)

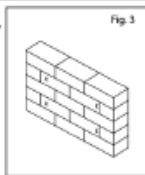
- Use a high quality stud finder to locate two adjacent studs where you wish to install your mount. Mark both edges of each stud to help identify the exact center.
- NOTE:** You must use the center of each stud to avoid cracking or splitting the wood during installation.
- Place the wall plate against the wall over the marked studs with the arrow pointing up. Make sure it is level.
 - While another person holds the wall plate in position, mark four locations (two per stud) for securing the wall plate to the wall (see Fig. 1).
 - Set the wall plate aside and drill a 6 mm (1/4") pilot hole at each marked location.
 - Place the wall plate over the drilled holes, making sure the arrow is pointing up. Attach the wall plate to the wall using the lag bolts (A) and lag bolt washers (B) provided (see Fig. 2). **Do not over-tighten these bolts and do not release the wall plate until all bolts are in place.** Ensure that the wall plate remains level after all bolts are secured.



Part 1B – Mounting to the Wall (Concrete)

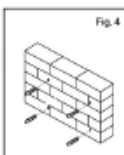
IMPORTANT! For safety reasons, the concrete wall must be capable of supporting the combined weight of the mount and the display. The manufacturer takes no responsibility for failure caused by walls of insufficient strength.

- Place the wall plate against the wall in the desired location with the arrow pointing up. Make sure it is level.
- While another person holds the wall plate in position, mark four locations for securing the wall plate to the wall (see Fig. 3).
- Set the wall plate aside and drill a 10 mm (3/8") hole at each marked location. Remove any excess dust from the holes.



Part 1B – Mounting to the Wall (Concrete) (continued)

- 1 Insert a concrete anchor (C) into each hole so that it is flush with the concrete surface (see Fig. 4). A hammer can be used to lightly tap the anchors into place if necessary.

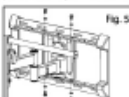


NOTE: If the concrete wall is covered by a layer of plaster or drywall, the concrete anchor must pass completely through the layer to rest flush with the concrete surface.

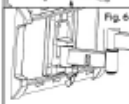
- 2 Place the wall plate over the drilled holes, making sure the arrow is pointing up. Attach the wall plate to the wall using the lag bolts (A) and lag bolt washers (B) provided (see Fig. 2). **Do not over-tighten these bolts and do not release the mount until all bolts are in place.** Ensure that the wall plate remains level after all bolts are secured.

Part 2 – Attaching the Mount to the Wall Plate

- 1 Carefully place the mount on the wall plate exactly as shown in the illustration (see Fig. 5). Make sure the mount is not upside-down.



- 2 Line the four holes on the mount up with four of the holes on the wall plate. You can shift the mount to the right or to the left as needed provided all four holes on the mount line up with holes on the wall plate.



- 3 Insert two of the M8 X 10 Allen Screws (D) and M8 Washers (E) at the top of mount as shown in the illustration. Thread these screws part way into the mount using the M5 Allen Key (F) provided, but do not fully tighten them yet.

- 4 Insert the remaining two M8 x 10 Allen Screws (D) and M8 Washers (E) at the bottom of the mount. You may need to slightly adjust the mount in order to insert these screws. Once inserted, tighten all four M8 x 10 Allen Screws (D) using the M5 Allen Key (F) provided.

- 5 Attach the cable management (O) at the bottom of the mount as shown in the illustration (see Fig. 6).

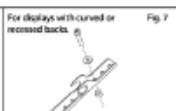
Part 3 – Attaching the Mount Arms to the Display

IMPORTANT! Use extra care during this part of the installation. If possible, avoid placing your display facedown as it may damage the viewing surface.

Part 3 – Attaching the Mount Arms to the Display (continued)

NOTE: This mount comes with a selection of different screw diameters and lengths to accommodate a wide variety of display models. Not all of the hardware in the kit will be used. If you cannot find the appropriate screw size in the kit provided, consult the manufacturer of your display for more information.

- 1 Determine the correct length of screw to use by examining the back of your display:
 - A If the back of your display is flat and the mounting holes are flush with the surface, you will use the shorter screws (G or I) from the hardware kit.
 - B If the back of your display is curved, has a protrusion, or if the mounting holes are recessed, you will need to use the longer screws (H or J) and the spacers (L).
- 2 Determine the correct diameter of screw to use by carefully trying one of each size (M5 and M8) from the hardware kit. **Do not force any of the screws – if you feel resistance stop immediately and try a smaller diameter screw.**

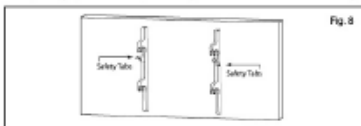


- 3 Attach the mount arms to the back of your display using the screws identified in Steps 1 and 2 (see Fig. 7):

A If you are using the M6 screws you will also need to use the M6 washers (K). M8 screws do not require washers.

B If you are using the longer screws on a display with a curved or recessed back, you may also need to use the spacers (L). Use one spacer or two spacers stacked as needed. **Only use a spacer if necessary.**

NOTE: The mount arms must be attached with the safety tabs facing outward (i.e. away from the middle of the display) (see Fig. 8). Otherwise, the safety tabs cannot be accessed easily.



Part 4 – Final Assembly

- 1 With the help of another person, carefully lift your display and place it on the mount. **Do not release the display until the mount arms have securely hooked onto the mount.**
- 2 Move the safety tab located on each arm into position so that it prevents the display from being lifted from the mount. Insert a safety stopper (M) into each tab to keep it in place. A padlock (not included) can be used in place of one of the safety stoppers to help prevent unwanted removal of the display.

IMPORTANT! The safety tabs and stoppers must be used at all times to prevent the display from being accidentally knocked from the mount.

OPERATION AND ADJUSTMENT

- 1 To change the tilt angle of your display, have one person hold the display firmly in place while another person loosens the tilt knob located on the right side of the mount face plate. Once loosened, you may move your display to the desired angle. Re-tighten the tilt knob to lock the tilt angle in place. **Do not release the display until both tilt mechanisms are firmly tightened.**

NOTE: The tilt adjustment knob has a ratchet feature. If you need to change the position of the knob without tightening or loosening it, simply pull the knob outward before turning.

- 2 Swivel adjustments can be made by grasping the display firmly and moving it to the desired position. Be careful that fingers or cables do not get pinched when moving the mount.
- 3 Level correction adjustments can be made by simply rotating the display in the needed direction. If it is too difficult to move the display or if the display does not stay in position once moved, adjust the tension of the four nuts located behind the face plate using the socket wrench (N) provided in the hardware kit. Adjust all four nuts evenly. **Do not fully loosen or remove these nuts.**
- 4 Periodically clean your mount with a dry cloth. Inspect all screws and hardware at regular intervals to ensure that no connections have become loose over time. Re-tighten as needed.

VMP
VARIABLE MOUNT PRODUCTS

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