

# TILT WALL MOUNT fits most flat panel TVs

## INSTRUCTION MANUAL

Thank you for choosing the AVS AMT8050B. Before beginning installation, please check all parts are included and undamaged. For any parts enquiries, please contact AV Supply Group Ltd on (09) 274 9172 or email to info@avsupply.co.nz

## SPECIFICATIONS

**Model:** AMT8050B

**Display Size:** 37" to 65"

**Maximum Load:** 75 kg (165 lbs)

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

**Tilt Range:** 15° down

**Profile:** 4.3 cm (1.7")

## BOX CONTENTS

- Wall Plate (x1)
- Mount Arm (x2)
- Tilt Adjustment Rod (x1)
- Instruction Manual (x1)
- Hardware Kit (x1)

## IMPORTANT SAFETY INSTRUCTIONS

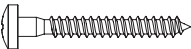










- 1 PRODUCT CARE:** Periodically clean your mount with a dry cloth. Inspect all screws and hardware at regular intervals to ensure that no connections have become loose over time. Re-tighten as needed.
- 2 CAUTION:** Do not use this product for any purpose not explicitly specified by AVS. Improper installation may cause property damage or personal injury. If you do not understand these directions, or have doubts about the safety of the installation, contact AVS Customer Service or call a qualified contractor. AVS is not responsible for damage or injury caused by incorrect mounting, assembly, or use.
- 3 WARNING!** This product contains small items that could be a choking hazard if swallowed. Keep these items away from young children!
- 4** 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.
- 5** Locate pipes, wires, or any other hazards in the wall where you wish to install.
- 6** Safety gear and proper tools must be used. Failure to do so can result in injury or damage.

- 7** 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.
- 8** AV Supply Group (AVS) intend to make this manual accurate and complete. However, AVS makes no claim that the information contained herein covers all details, conditions, or variations. Nor does it provide for every possible contingency in connection with the installation or use of this product. The information contained in this document is subject to change without notice or obligation of any kind. AVS makes no representation of warranty, expressed or implied, regarding the information contained herein. AVS assumes no responsibility for accuracy, completeness or sufficiency of the information contained in this document.

## TOOLS REQUIRED

- Phillips Head Screw Driver
- 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

## HARDWARE KIT

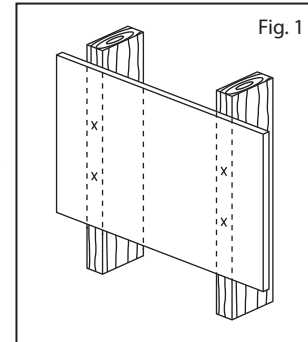
- |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| (A) M8 x 63 Screw (x4)                                                              | (G) M8 x 30 Screw (x4)                                                                |
|  |  |
| (B) M8 Washer (x4)                                                                  | (H) M6 Washer (x4)                                                                    |
|  |  |
| (C) Concrete Anchor (x4)                                                            | (I) Spacer (x8)                                                                       |
|  |  |
| (D) M6 x 12 Screw (x4)                                                              | (J) Tilt Adjustment Knob (x2)                                                         |
|  |  |
| (E) M6 x 30 Screw (x4)                                                              | (K) M4 x 10 Screw (x2)                                                                |
|  |  |
| (F) M8 x 12 Screw (x4)                                                              |                                                                                       |
|  |                                                                                       |

## INSTALLATION

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

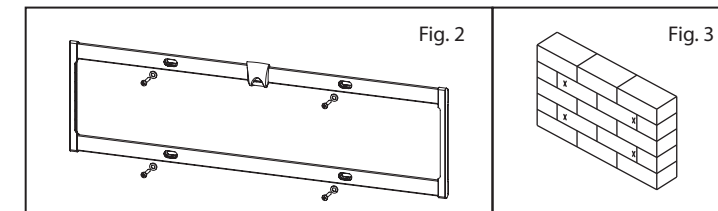
**IMPORTANT!** For safety reasons, this mount must be secured to at least two wood studs no less than 16" apart. The studs must be capable of supporting the combined weight of the mount and display.

- 1** 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.

- 2** Place the wall plate against the wall over the marked studs and level it using the integrated bubble level. The bubble level is attached to the upper part of the mount.
- 3** While another person holds the wall plate in position, mark four locations (two per stud) for securing the mount to the wall (see Fig.1).
- 4** Set the wall plate aside and drill a 6 mm (1/4") pilot hole at each marked location.
- 5** Place the wall plate back against the wall and attach it using the M8 x 63 screws (A) and M8 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.

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

- 1 Place the wall plate against the wall in the desired location and level it using the integrated bubble level. The bubble level is attached to the upper part of the mount.
- 2 While another person holds the wall plate in place, mark four locations on the wall for securing the mount (see Fig. 3).
- 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.

- 4 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.

- 5 Place the wall plate back against the wall and attach it using the M8 x 63 screws (A) and M8 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.

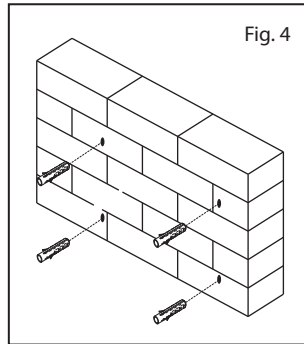


Fig. 4

## Part 2 – Attaching the Mount Arms to the Display

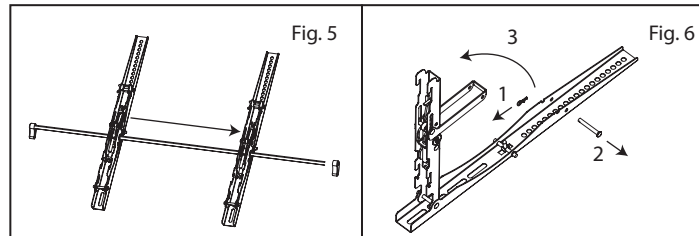
**IMPORTANT!** Use extra care during this part of the installation. If possible, avoid placing your display facedown as it may damage the viewing surface.

**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 (D or F) from the hardware kit.

## Part 2 – Attaching the Mount Arms to the Display (continued)

- 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 (E or G) and may also need to use the spacers (I).
- 2 Determine the correct diameter of screw to use by carefully trying one of each size (M6 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 Insert the tilt adjustment rod so that it passes through both mount arms as shown in the illustration (see Fig. 5). Attach the tilt adjustment knobs (J) using the M4 x 10 screws (K). **Make sure the tilt adjustment knobs point downwards, exactly as shown in the illustration (see Fig. 5).**



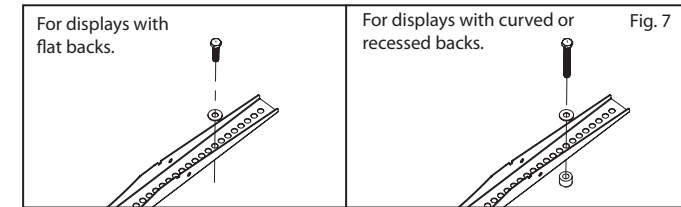
- 4 Remove the clips located near the bottom of each mount arm and take out the pins. Open both mount arms completely as shown (see Fig. 6).

**NOTE:** You may need to unlock the tilt in order to open the mount arms. Unlock the tilt by rotating one of the tilt adjustment knobs toward the front of the mount arm. The front of the mount arm is the side that attaches to the display.

- 5 Place the opened mount arms over the back of your display so that the hinges are located toward the bottom of the display. Slide each mount along the length of the tilt adjustment rod until it is lined up with the mounting holes on back of your display.
- 6 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 (H). 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 (I). Use one spacer or two spacers stacked as needed. **Only use a spacer if necessary.**

## Part 2 – Attaching the Mount Arms to the Display (continued)

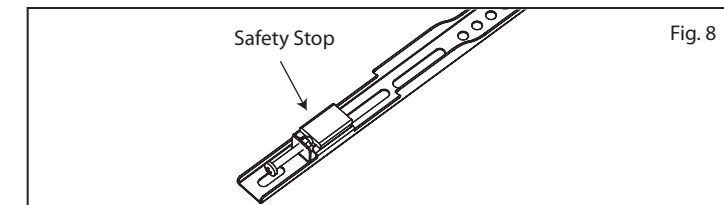


- 7 Close the mount arms by returning them to the original position. Insert the pin and replace the clip on both arms. Make sure the tilt adjustment rod is turned to the locked position by rotating the knobs away from the display. **The mount arms must be fully closed and locked before moving on to the next part.**

## Part 3 – Final Assembly

- 1 Make sure the safety stops are in the proper location on each mount arm, as shown in the illustration (see Fig. 8 below).
- 2 With the help of another person, carefully lift your display and place it on the wall plate. **Do not release the display until the mount arms have securely hooked onto the wall plate.**
- 3 Tighten the safety stop located at the bottom of each mount arm to prevent the display from being lifted from the wall plate.

**IMPORTANT!** The safety stops 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, hold the display firmly with one hand and rotate one of the tilt adjustment knobs towards the display (away from the wall) to unlock the tilt. **Make sure you rotate the knob fully.** Carefully move the display to the desired position, and then return the tilt adjustment knob to its original position to lock the display in place. **Do not release the display until the tilt is locked.**