



## Weatherized Full Motion Outdoor TV Mount

# **INSTALLATION GUIDE**

# **A** WARNINGS

- 1. 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.
- 2. The wall or mounting surface must be capable of supporting the combined weight of the mount and the display. If it will not, the structure must be reinforced.
- 3. Locate pipes, wires or any other hazards in the wall where you wish to install the mount, before drilling.
- 4. Safety gear and proper tools must be used. Failure to do so can result in injury or damage.
- 5. Two people are recommended for installation. Do not attempt to lift a heavy display without assistance.
- 6. Follow all instructions and recommendations regarding adequate ventilation and suitable locations for mounting your display. For more information, consult the owner's manual for your particular display.

### CAUTION: THIS WALL MOUNT IS INTENDED FOR USE ONLY WITH THE MAXIMUM WEIGHT OF 45KG (100 LBS).

USE WITH HEAVIER THAN THE MAXIMUM WEIGHT INDICATED MAY RESULT IN INSTABILITY, PROPERTY DAMAGE AND/OR POSSIBLE INJURY.

## **SPECIFICATIONS**

Display Size: 32" to 90"

Maximum Load: 100lbs (45kg)

Mounting Pattern: 600mm x 400mm max

Tilt range: 2° up and 10° down Pan/Swivel Range: up to 180° Profile: 1.6" to 17.7" (4cm to 45cm)

#### PACKAGE CONTENTS

Full-motion Mount

Mount Arms (x2)

Cable Management Clip Hardware Kit

Installation Guide

### **TOOLS REQUIRED**

- · #2 Phillips-head screw driver
- · Ratchet or driver with (1/2") socket
- · Electric or portable drill
- $\cdot$  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 (x5)

(J) M8 x 12 Screw (x4)

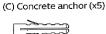


(B) Lag bolt washer (x5)

(K) M8 x 20 Screw (x4)



(L) M8 x 35 Screw (x4)





(M) M8 x 45 Screw (x4)



(E) M4 x 20 Screw (x4)

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(N) M8 Washer (x4)





(O) Spacer (x8)





(P) S5 Allen Key (x1)



(H) M6 x 20 Screw (x4)

(G) M6 x 12 Screw (x4)



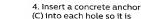
(I) M6 Washer (x4)

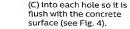


(O) Socket Wrench (x1)

Management



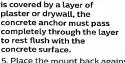




from the holes.

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



PART 1A: WALL MOUNTING

or splitting the wood during installation.

**IMPORTANT!** FOR SAFETY REASONS, THIS MOUNT

SUPPORTING THE COMBINED WEIGHT OF THE MOUNT

1. Use a high quality stud finder to locate a stud where you

wish to install your mount. Mark both edges of the stud to

NOTE: You must use the center of the stud to avoid cracking

2. Place the mount against the wall over the marked stud.

Fig. 2

3. While another person holds the mount in position, mark all

five locations for securing the mount to the wall (see Fig. 1).

5. Place the mount back against the wall and attach it using

the lag bolts (A) and lag bolt washers (B) provided

the mount remains level after all bolts are secured.

PART 1B: WALL MOUNTING TO

WALLS OF INSUFFICIENT STRENGTH.

Make sure it is level and right side up.

CONCRETE/MASONRY

(see Fig. 2). Do not overtighten these bolts and do not

release the mount until all bolts are in place. Ensure that

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

1. Place the mount against the wall in the desired location.

4. Set the mount aside and drill a 6mm (1/4") pilot hole at

AND THE DISPLAY. DO NOT MOUNT TO DRYWALL ALONE

MUST BE SECURED TO A WOOD STUD CAPABLE OF

TO DRYWALL

Make sure it is level.

Fig. 1

each marked location.

IMPORTANT!

2. Mark all five locations

the wall (see Fig. 3)

for securing the mount to

3. Set the wall plate aside

at each marked location.

Remove any excess dust

and drill a 10mm (3/8") hole

help identify the exact center.

5. Place the mount back against the wall and attach it using the lag bolts (A) and two lag bolt washers (B) provided (see Fig. 2). Do not overtighten these bolts and do not release the mount until all bolts are in place. Ensure that the mount remains level after all bolts are secured.

# 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 FACE DOWN, AS IT MAY DAMAGE THE VIEWING SURFACE.

NOTE: This mount comes with a selection of different screw diameters and lengths to fit 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 display's manufacturer

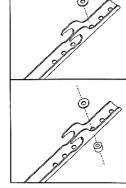
Fig. 5

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, G or J) 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 (E, F, H, K, L or M) and the spacers (O).



2. Determine the correct diameter of screw to use by carefully trying one of each size (M4, 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

3. Attach the mount arms to the back of your display using he screws identified in steps 1 and 2 (see Fig. 5).

A. If you are using the M6 screws you will need to use the M6 washers (I). If you are using the M8 screws you will need to use the M8 washers (N).

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 (O). Use one spacer or two spacers stacked as needed. Only use spacers if necessary.

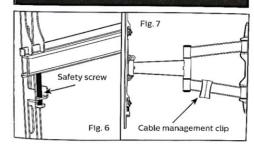
# PART 3: FINAL ASSEMBLY

- 1. Make sure the safety screw on each arm is low enough to allow the arms to be attached to the mount without interference
- 2. 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.
- 3. Tighten the safety screws located at the bottom of each mount arm (see Fig. 6) to prevent the display from being lifted from the mount.

#### IMPORTANT!

Fig. 3

THE SAFETY SCREWS MUST BE TIGHTENED AT ALL TIMES TO PREVENT THE DISPLAY FROM BEING ACCIDENTALLY KNOCKED FROM THE MOUNT.



4. Install the cable management clip (R) as shown in the illustration. Cables can be routed through the plastic clip to keep them organized and out of the way (see Fig. 7).

#### 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 adjustment screws located on each side of the mount using the S5 Allen key (P) from the hardware kit (see Fig. 8). Once loosened, you may

move your display to the desired position. Re-tighten the screws to lock the tilt angle in place. Do not release the display until these screws are fully tightened and never fully loosen or remove these screws.

- 2. Swivel adjustments can be made simply by moving your display to the desired position.
- 3. To make level correction adjustments, have one person hold the display firmly in place while another person slightly loosens the four nuts shown in the illustration using the socket wrench (L) from the hardware kit (see Fig. 9). Rotate the screen until level and then re-tighten the nuts. Never 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 ECOME LOOSE OVER TIME, RETIGHTEN AS NEEDED.



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