

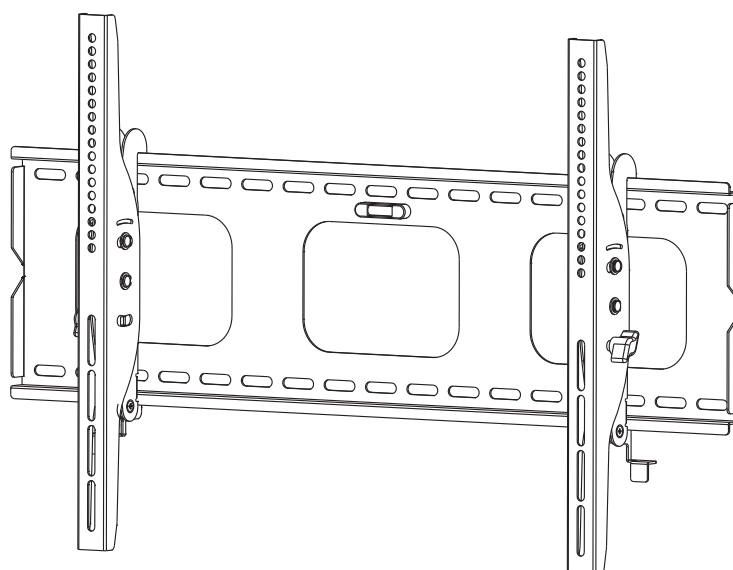


# SHADOW MOUNT SERIES

## Tilting TV Wall Mount

Model: LCD37-TM / LCD60-TM

Installation Instructions



### UNPACKING INSTRUCTIONS

- Carefully open the carton, remove contents, and lay out on cardboard or other protective surface to avoid damage.
- Check package contents against the Supplied Parts List on the next page to assure that all components were received and are undamaged. Do not use damaged or defective parts.
- Carefully read all instructions before attempting installation.

### IMPORTANT SAFETY INFORMATION

This product was designed to be used for a specific purpose and configuration. The manufacturer cannot be held liable for damage or injury caused by assembly, installation, or use beyond the intended application.

- Please review these instructions prior to installation. Carefully follow assembly and installation instructions contained herein. Use of proper safety equipment and safe handling techniques during installation will greatly reduce the chance of accident or injury.
- If you do not understand these directions, or have doubts about your ability to safely complete the installation, please contact a qualified contractor.
- Check carefully to make sure there are no missing or defective parts. Never use defective parts.



**WARNING**

### CAUTION!

**This TV mount must be securely attached to the vertical wall. If the mount is not properly installed it may fall, resulting in possible injury and/or damage.**

#### Tools Required

■ 9/64" Drill Bit

■ Phillips Screwdriver

■ 5/16" Masonry Bit

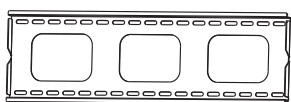
■ Stud Finder

■ Wrench or Socket Set

■ Carpenter's Level

**Note:** The mounting components and hardware supplied in this package are not designed for installations to walls with steel studs or to cinder block walls. If the hardware you need for your installation is not included, please consult your local hardware store for proper mounting hardware for the application.

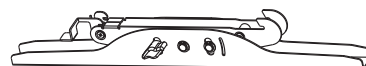
## Supplied Parts List



(1) Wall Plate-a



(1) Left Monitor Bracket-b



(1) Right Monitor Bracket-c



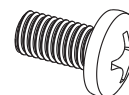
(4) M4x12 Bolt-d



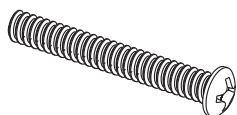
(4) M5x12 Bolt-e



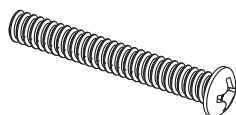
(4) M6x12 Bolt-f



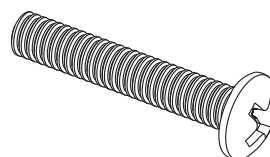
(4) M8x16 Bolt-g



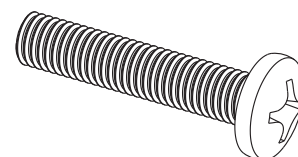
(4) M4x30 Bolt-h



(4) M5x30 Bolt-i



(4) M6x35 Bolt-j



(4) M8x40 Bolt-k



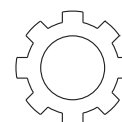
(4) M4 Lock Washer-l



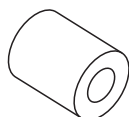
(4) M5 Lock Washer-m



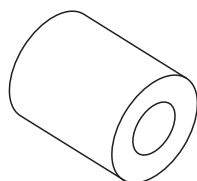
(4) M6 Lock Washer-n



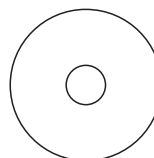
(4) M8 Lock Washer-o



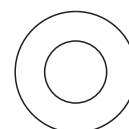
(4) M4/M5 Space-p



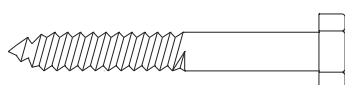
(4) M6/M8 Space-q



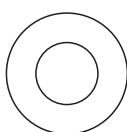
(8) M4/M5 Washer-r



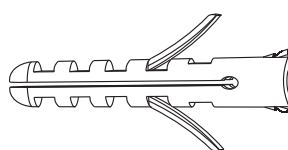
(4) M6/M8 Washer-s



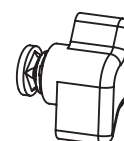
(6) Lag Bolt-t



(6) Lag Bolt Washer-u



(6) Concrete Anchor-v

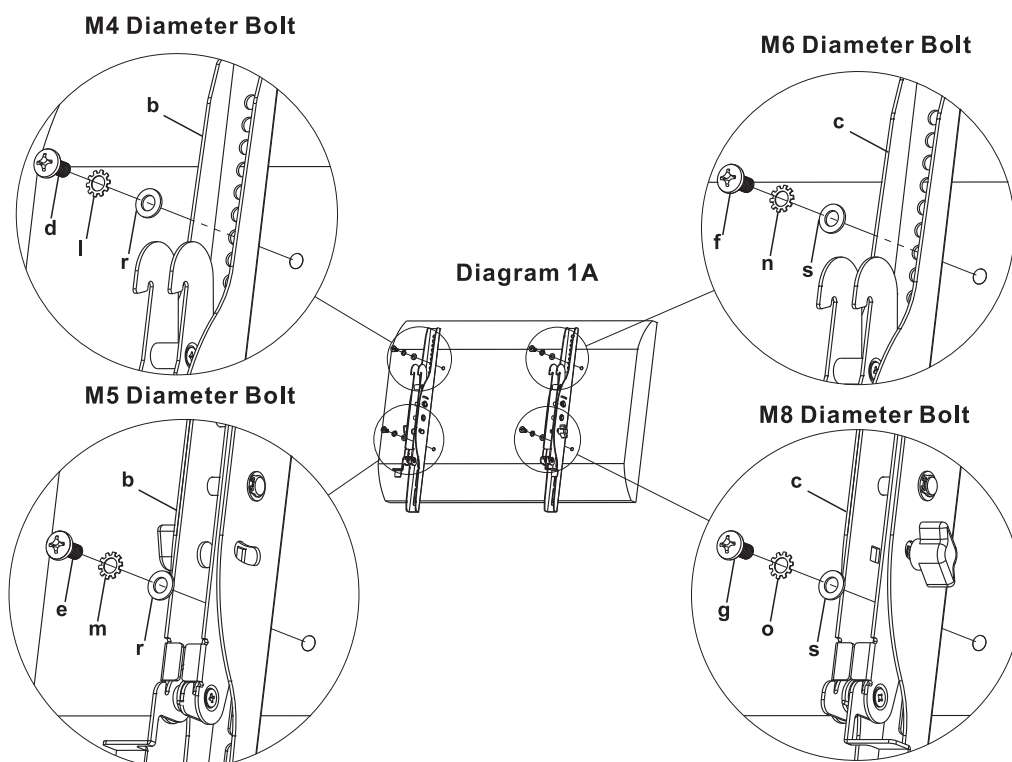


(2) Lock Down Knob-w

## Step 1A

## Mounting the Monitor Brackets to a TV with Flat Back

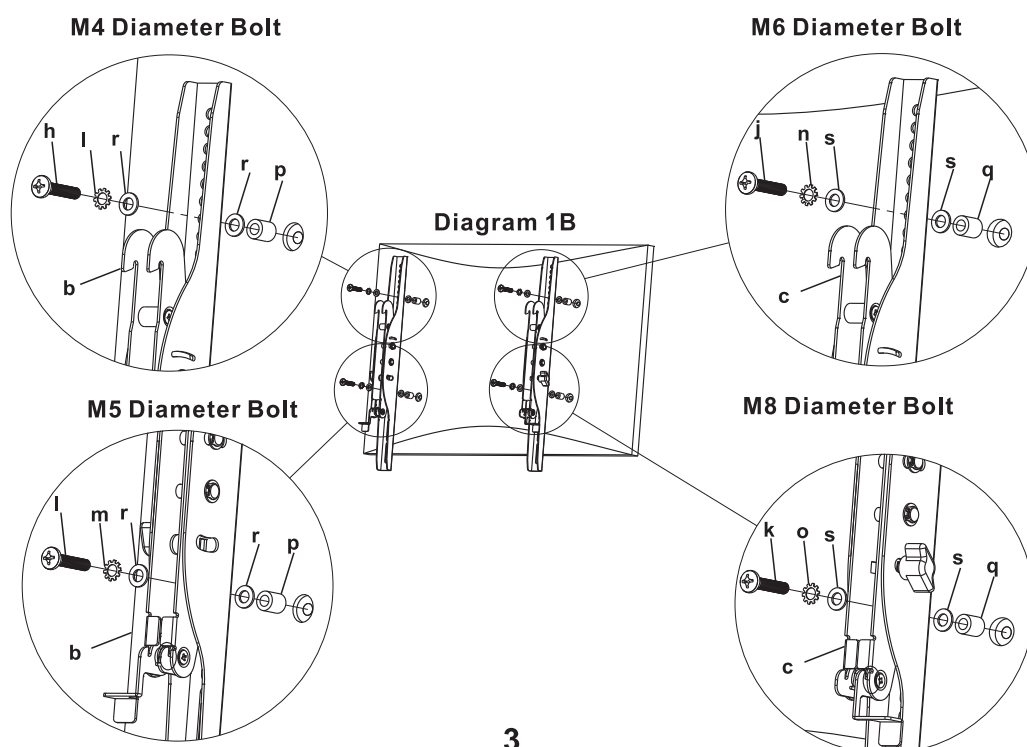
Locate the mounting holes on the back of your TV and determine the diameter of the screws to be used; M4, M5, M6, or M8. For a TV with a flat back you will use the set of short screws. For the left monitor bracket (B), place a lock washer (L, M, N, O) and flat washer (R, S) onto the screw (D, E, F, G) and thread through a hole in the monitor bracket into the TV's mounting hole. Repeat for the right monitor bracket (C). The position of the monitor relative to the wall plate can be adjusted by using the different holes in the monitor bracket; lower holes will position the TV higher on the wall plate while the higher holes will position the TV lower. Make sure the monitor brackets are level and plumb with each other. Refer to the diagram below.



## Step 1B

## Mounting the Monitor Brackets to a TV with Curved Back

Locate the mounting holes on the back of your TV and determine the diameter of the screws to be used; M4, M5, M6, or M8. For a TV with a curved back you will use the set of long screws. For the left monitor bracket (B), place a lock washer (L, M, N, O) and a flat washer (R, S) onto the screw (H, I, J, K) and thread the screw through a hole in the monitor bracket. Add a flat washer (R, S) and a spacer (P, Q) onto the screw and thread into the TV's mounting hole. Repeat for the right monitor bracket (C). The position of the monitor relative to the wall plate can be adjusted by using the different holes in the monitor bracket; lower holes will position the TV higher on the wall plate while the higher holes will position the TV lower. Make sure the monitor brackets are level and plumb with each other. Refer to the diagram below.



## Step 2

## Mounting the Wall Plate to the Wall

**Note:** The mounting components and hardware supplied in this package are not designed for installations to walls with steel studs or to cinder block walls. If the hardware you need for your installation is not included, please consult your local hardware store for proper mounting hardware for the application.

### Brick or Solid Concrete mounting:

The wall plate (A) can be used as a template for mounting to the wall. Place the wall plate against the wall surface and place a level across the top. Once the wall plate is level mark six hole locations on the wall; three in the top row, three in the bottom row, each at least 6" apart. Drill the holes with a 1/2" masonry bit to a minimum depth of 2-1/2". Insert a concrete anchor (V) into each hole; the anchor must seat flush with the concrete surface, even through a layer of drywall or other material. Place a lag bolt washer (U) onto each lag bolt (T) and thread the lag bolts through the holes in the wall plate. Firmly tighten the lag bolts using a wrench or socket wrench.

### Wood Stud mounting:

For maximum holding strength the wall plate should be mounted to two wood studs, 16" on-center. Alternate hardware is available to mount the wall plate to the wall when no stud is available in the desired location, check with your Shadow Mounts dealer for options. Using a stud finder, locate and mark the right and left edge of the stud then mark the center.

The wall plate (A) can be used as a template for mounting to the wall. Place the wall plate against the wall surface and place a level across the top. Once the wall plate is level mark the hole locations on the wall. Prior to drilling, it is a good idea to verify the stud locations using an awl or thin nail as shown in the diagram below. Drill the holes with a 3/16" bit to a minimum depth of 2-1/2". Place a lag bolt washer (U) onto each lag bolt (T) and thread the lag bolts through the holes in the wall plate. Firmly tighten the lag bolts using a wrench or socket wrench.

Diagram 2A

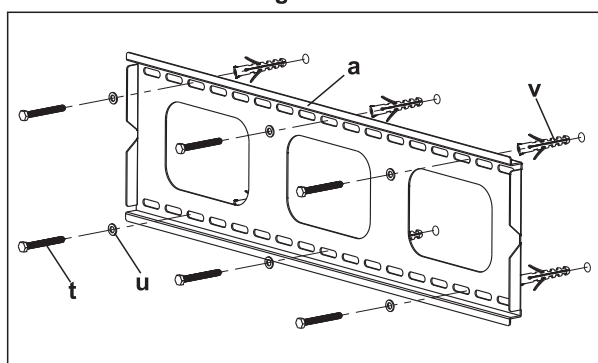
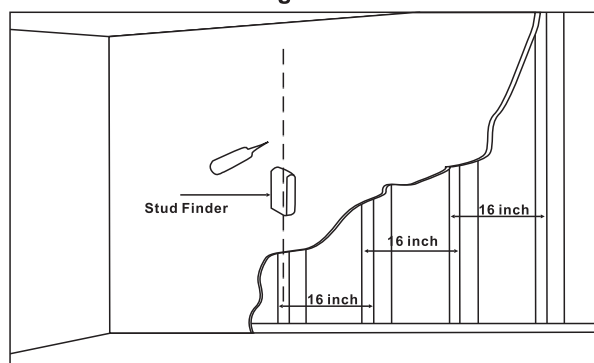


Diagram 2B



## Step 3

## Using the RailClip™ Feature to Attach a Monitor to the Wall Plate

**Warning:** Some TVs may require two people to lift. The manufacturer cannot be held liable for damage or injury caused by improper installation techniques.

Lift the monitor to a level where you can hook the monitor brackets over the top rail of the wall plate. Allow the bottom of the monitor brackets to rest on the bottom rail of the wall plate. Reach behind the TV and use your index fingers to pull the RailClip™ "triggers"; this will allow the monitor bracket to settle against the wall plate. Release the RailClip™ "triggers" after you feel and examine that the clip has moved over the bottom rail of the wall plate. This will securely hold your TV to the bottom rail of the wall plate as shown in the diagram below. Locate the lock down knobs (W) located on the outer side of each monitor brackets. Loosen the lock down knobs, tilt the TV to the desired viewing angle and tighten them to maintain the position. If you need to remove the mount from the wall plate, simply reverse the flow of these directions.

Diagram 3A

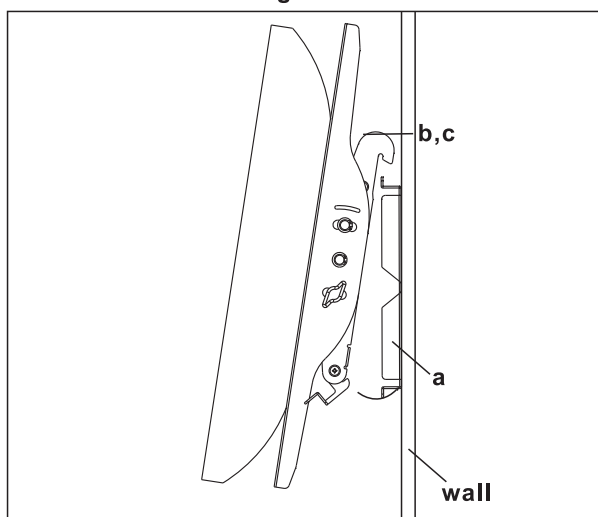
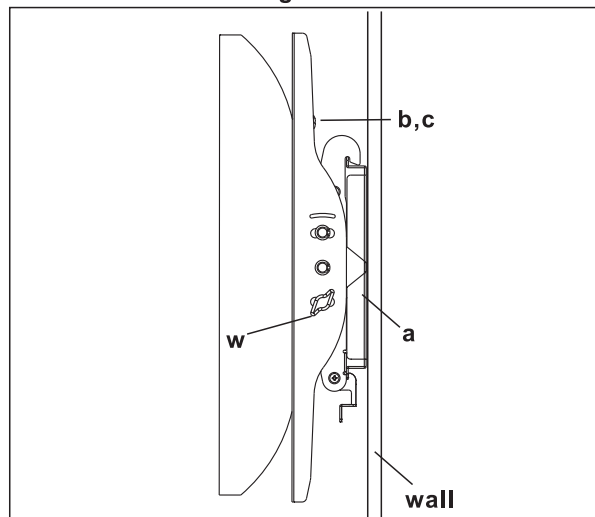


Diagram 3B



**Thank you for choosing Dayton Audio**