# PDi

## Installation Guide

### Articulating Wall Mount
**Model: PD181-772**



13.54"  9.06"  7.87"  2.95"  3.94"
2.95"
3.94"
5.5"

4.95"

12.19"
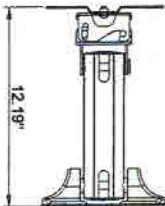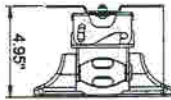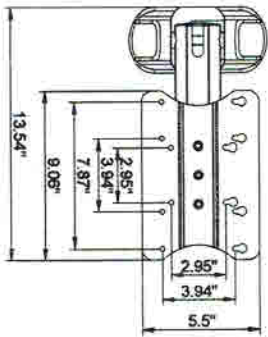
## Package contents

| | Description | | Qty |
|---|---|---|---|
| A | Philip Screw | M4x10 | 4 |
| B | Philip Screw | M4x20 | 4 |
| C | Philip Screw | M5x10 | 4 |
| D | Philip Screw | M5x20 | 4 |
| E | Philip Screw | M6x10 | 4 |
| F | Philip Screw | M6x20 | 4 |
| G | Allen Key | #5 | 1 |
| H | Allen Key | #6 | 1 |
| I | Washer | Φ8 | 2 |
| J | Lag Bolt | ST 8x70 | 2 |
| K | Masonry Wall Anchor Φ10xΦ8x45 | | 2 |
| L | Spacer | | 4 |
| M | Wall Plate Cover | | 2 |

## SPECIFICATION:

Fits 23" to 32" LCD TV Panel

**VESA Standards:**
75 x 75
100 x 100
200 x 100

**Load Capacity:**
45.45 kg (100 lbs)

---

## Installation of PD181-772

### Stud Mounting

The wall plate of the PD181-772 must be mounted on the stud. Position the wall plate in the desired mounting over the stud. Make sure that the wall plate is vertical. Use the mounting hole on the PD181-772 to make hole markings over the studs. It will be good to use a high quality electronic stud sensor to locate the stud.

Use a 3/16" bit and pre-drill a 3"deep hole into the wall and stud. Attach the wall plate to the wall using the lag bolts and Φ8 washers as shown in (Fig 1). The wall plate must be mounted to the wall with 2 lag bolts.
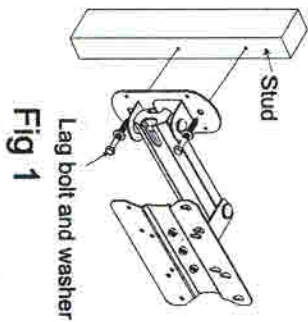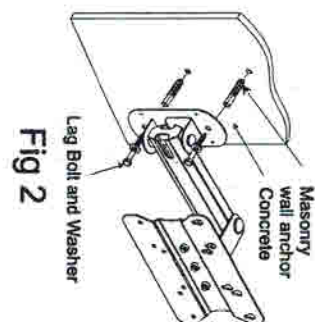


Stud

Lag bolt and washer

**Fig 1**

### Concrete (Masonry) Mounting

Position the wall plate in the desired mounting area on the wall. Make sure that the wall plate is vertical. Use the mounting hole on the PD181-772 to make hole markings on the wall.

Use a 3/8" bit and pre-drill a 3"deep hole into the wall. Install the supplied plastic anchors in each hole. Tap into the hole until fully seated. Attached the wall plate to the wall using the lag bolts and Φ8 washers as shown in (Fig 2). The wall plate must be mounted to the wall with 2 lag bolts.



Masonry wall anchor Concrete

Lag Bolt and Washer

**Fig 2**

# Install Plastic Cover to the Wall Plate

As shown in (Fig 3)

Fig 3

Fig 4

Screw A

Screw B
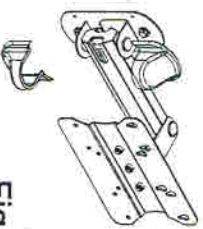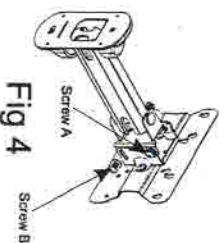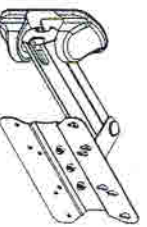
## Install LCD TV to the Support Plate

Loosen both the Screw A and then remove both of the Screw B. Lift and remove the Support Plate assembly. As shown in (Fig 4).

Locate the threaded inserts on the back of the LCD TV and determine which screw is the correct diameter. Thread the screw carefully into the inserts by hand until you find the diameter that correctly fits.

Next, determine the correct length of the required screw. LCD TV with flat backs will use one of the shorter screws without a spacer. LCD TV with curved backs or recessed threaded inserts may require a longer screw with a spacer between the LCD TV and support plate.

Now that you have identified the correct screws and spacers, you are ready to attach the support plate to your LCD TV. As shown in (Fig 5).
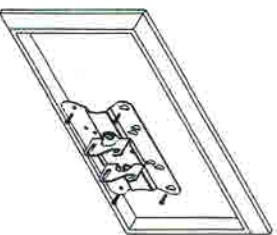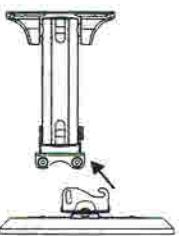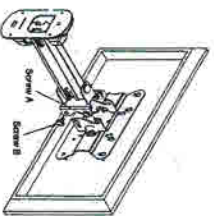
Fig 5

Fig 6

Screw A

Screw B

# Hang the TV onto the PD181-772

Carefully pick-up the LCD TV and engage the hooks on the support plate to the top screws on the front swivel bracket of PD181-772.

Once the final position is determined, secure the Screw A. Make sure the slots holes are inline with the holes for Screw B. Tighten the Screw A and Screw B. As shown in (Fig 6).

## Tilt of the LCD TV

Fully extend the mount's swing arms, as shown in(Fig 7). Note the lower tension screws on each side of the bracket connecting the swing arms to the TV mounting plate.

Using the Allen wrench provided, turn the tension screws counterclockwise to loosen the bracket and tilt the top of the screen forward or backward.

To lock your display in place at the desired tilt, re-tighten the tension screws, turning them clockwise.
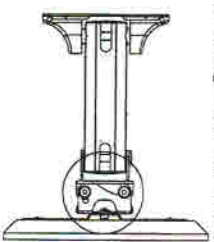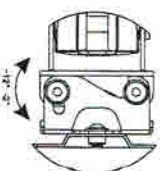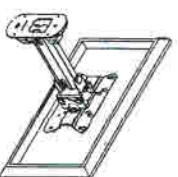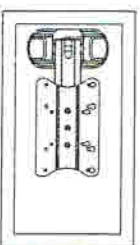
## Finished installing

Fig 7

**Warning:**
Tighten lag bolts untill washers are pressed firmly against the Wall Plate.
DO NOT OVER TIGHTEN THE LAG BOLTS

⚠ **Caution:**
Wall anchors should only be used for masonry mounting. NEVER use wall anchors to mount the PD181-772 to dry wall.