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## Articulating LED/Plasma Mount



**DCA3770**

**INSTALLATION MANUAL**

**.28633**



<b>TV size range:</b>	37" – 70"
<b>Distance to the wall:</b>	3.03" - 21.57" 77mm—548mm
<b>Maximum load capacity:</b>	88lbs / 40kg
<b>Universal VESA:</b>	800 x 400
<b>Max Tilt:</b>	-10° ~ +5°

## SAFETY WARNING

1. This DirectConnect® mounting bracket was designed to be installed and utilized ONLY as specified in this manual. Improper installation of this product may cause serious injury.
2. This product should be installed by someone with good mechanical ability who has experience with basic building construction and who fully understands this manual.
3. Make sure that the supporting wall surface will safely support the combined weight of the equipment and all attached hardware and components. Never exceed the Maximum Load Capacity.
4. If mounting to wood wall studs, make sure that the mounting screws are anchored into the center of the studs. The use of a stud finder is highly recommended.
5. Always use an assistant or mechanical lifting equipment to safely lift and position the equipment.
6. Tighten screws firmly, but do not over tighten. Over tightening can damage the items, this greatly reduces their holding power.
7. Check around the mounting location, there should be no cables, water lines or gas pipes, etc.
8. This product is intended for indoor use only. Using this product outdoors could lead to product failure and personal injury.
9. This product is only for wooden, brick, concrete walls or sheetrock.
10. DirectConnect® is not responsible for any personal injury or product damage due to mishandling, incorrect mounting, assembly, or use of this product.

### **Important:**

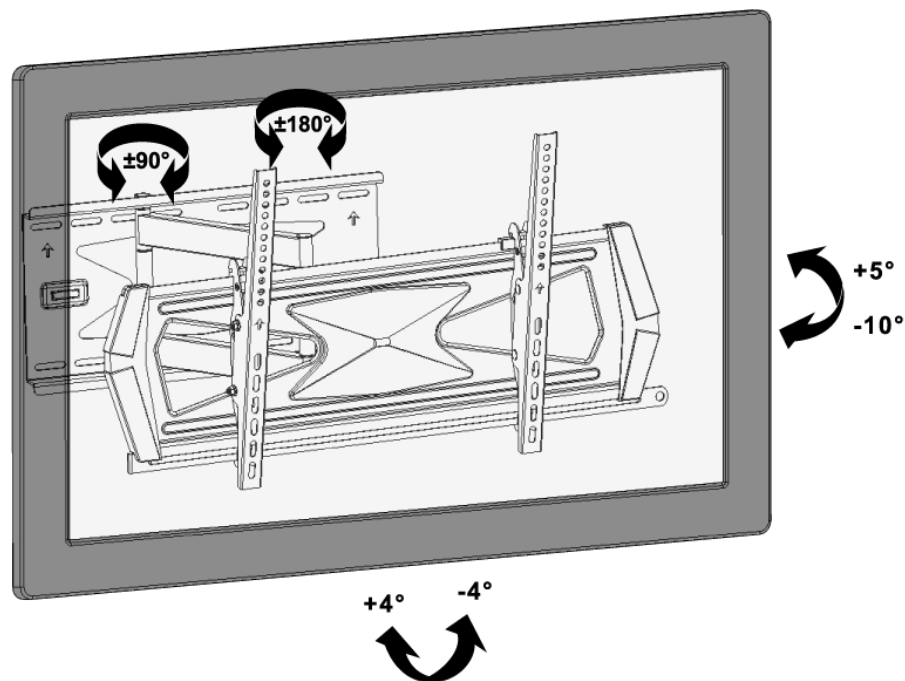
If you do not understand these instructions completely, please contact your installation specialist.

## **11.0 Specifications**

Main Material:	Steel/plastic
Pipe Size:	40x20x1.5mm
Available Color:	Black
Recommended Screen Size:	37"-70"
Installation:	Solid wall, Double Stud
Weight Capacity:	88lbs/40kg
VESA Standard:	300×300,400×200,400×400, 600×400,800×400
Max.VESA:	800x400
Tilt:	-10° to +5°
Swivel:	-90° to +90°
Level Adjustment:	±4°
Profile:	77-548mm/3.03" – 21.57"

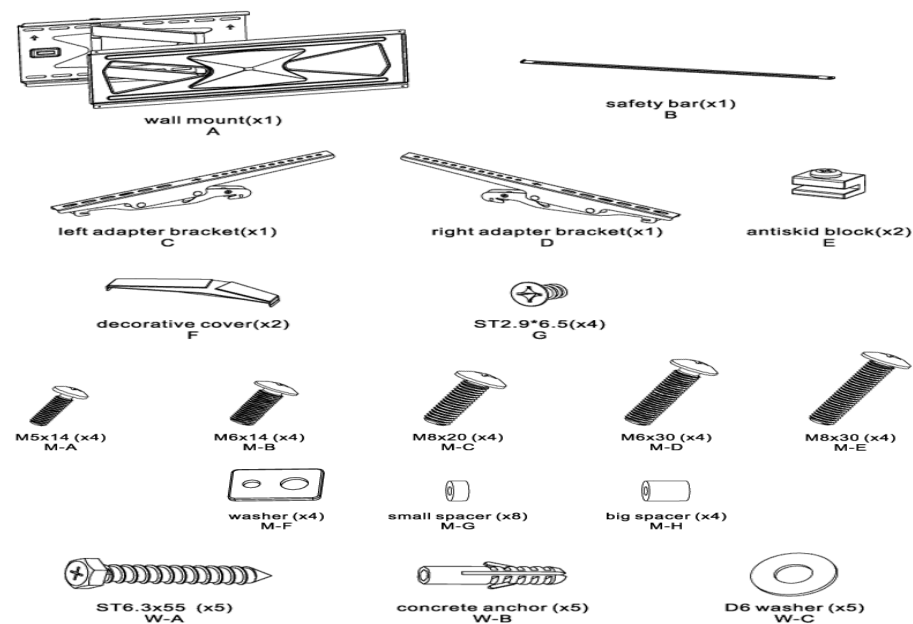
## 10.0 Tilt Adjustment

- To adjust the tilt of the TV, pull from the top of TV as shown below.

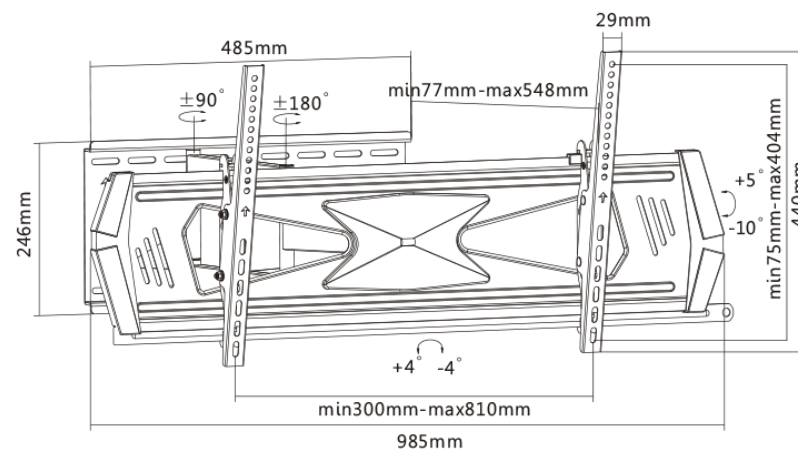


## 1.0 Hardware List

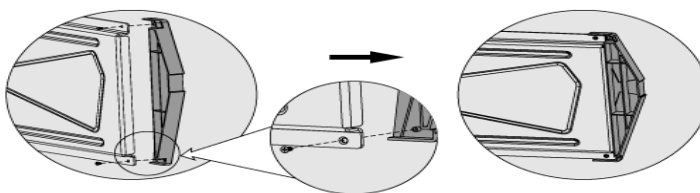
**NOTE:** Ensure that you have all the parts shown below prior to installation. The supplied wall mounting hardware is not for use on metal stud walls or cinder block walls. If you are uncertain about the nature of your wall, please consult a qualified contractor.



## 2.0 Line Drawing

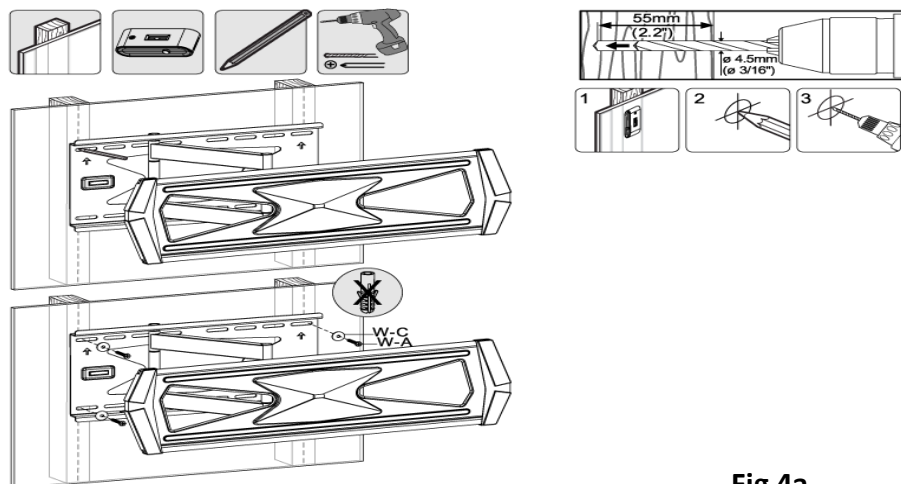


### **3.0 Installing the Decorative Covers**



#### **4.0 Wall Mounting—Wood Studs**

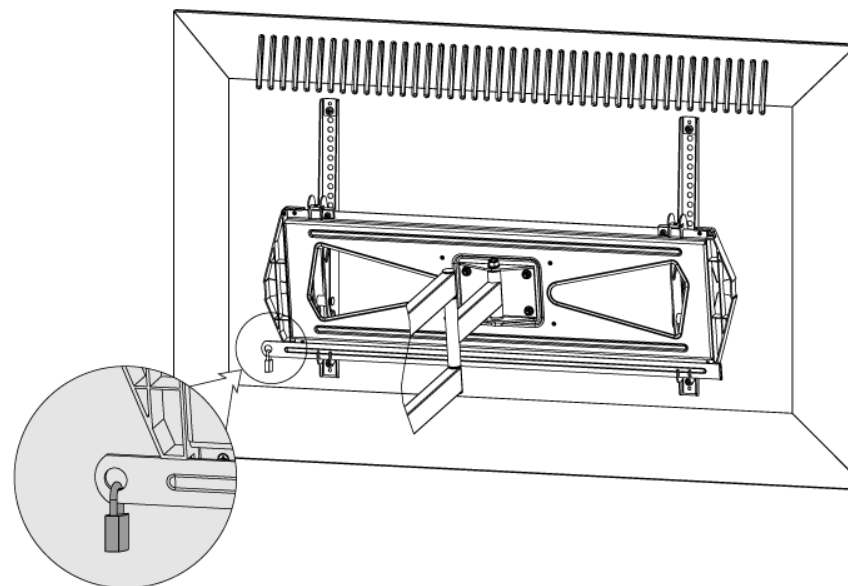
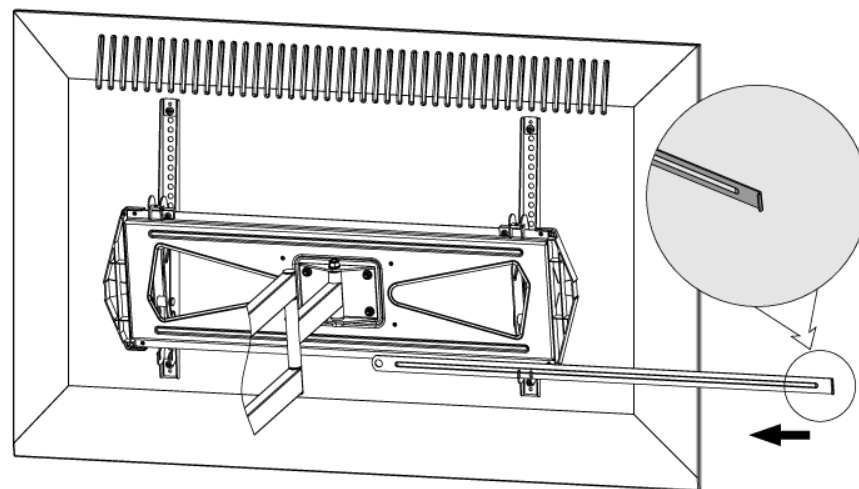
- Make sure that the mounting screws are anchored into the center of the studs. The use of a stud finder is highly recommended.
  - DirectConnect® is not responsible for providing hardware for any type of installation other than what is shown.
  - Verify that the supporting surface will safely support the combined weight of the equipment, hardware, and components.
1. Find and mark the exact location of mounting holes. Make sure wall plate is level prior to drilling holes using a level.
  2. Drill pilot holes.
  3. Use a 3/16" drill bit and drill into the stud 2.2" as shown in fig 4a.
  4. Mount wall plate onto the wall using the supplied bolts and washers (W-A and W-C).



**Fig 4a**

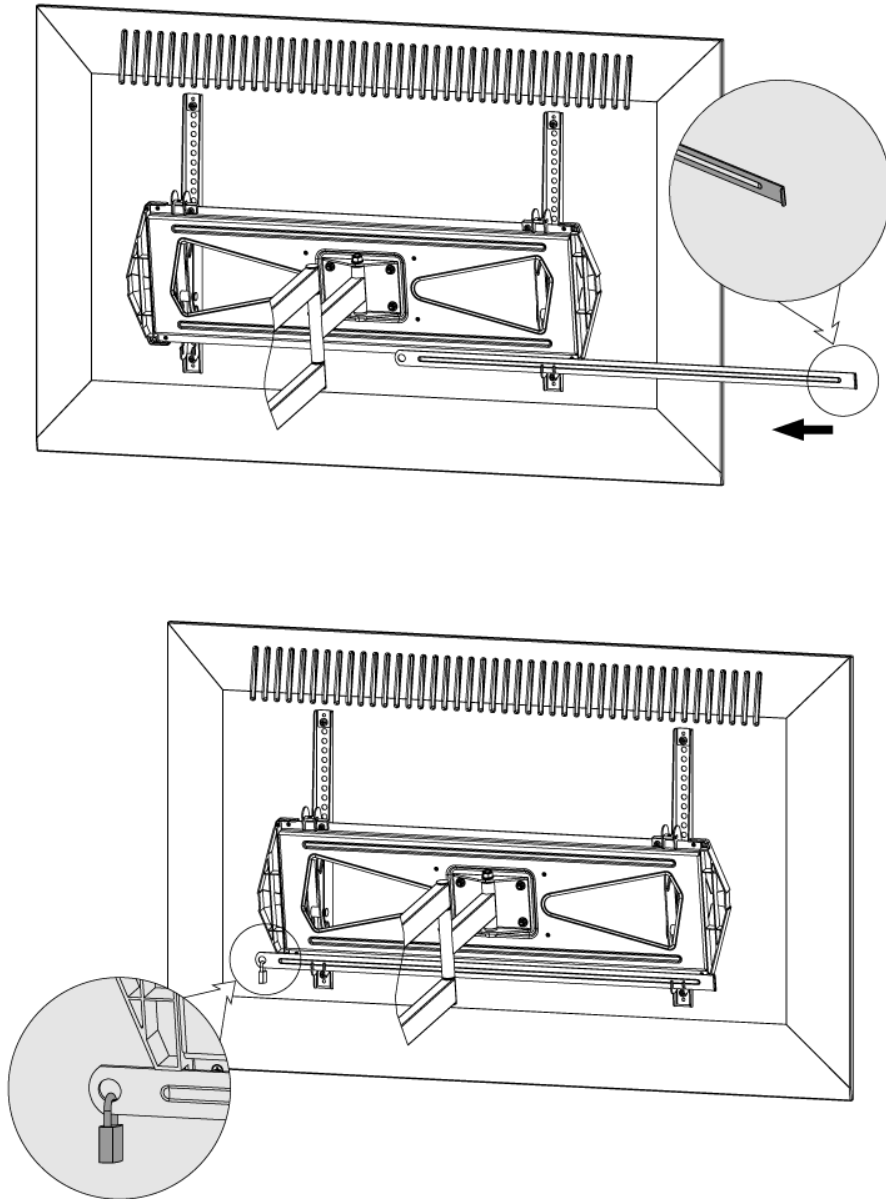
## 7.0 Hanging the Display onto the Wall Mount—Continued

Fig. 7c



## 7.0 Hanging the Display onto the Wall Mount—Continued

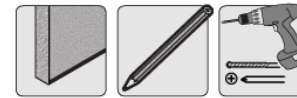
**Fig 7b**



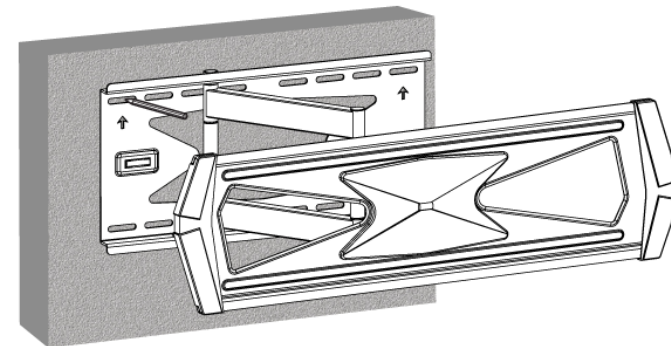
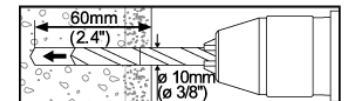
## 4.1 Wall Mounting—Solid Brick and Concrete

- Verify that the supporting surface will safely support the combined weight of the equipment, hardware, and components.

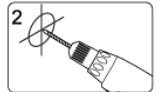
1. Find and mark the exact location of mounting holes. Make sure wall plate is level prior to drilling holes.
2. Use a 3/8" drill bit and drill into the brick or concrete 2.4" as shown in fig 4b.
3. Mount wall plate onto the wall using the supplied bolts, anchors, and washers (W-A, W-B and W-C).



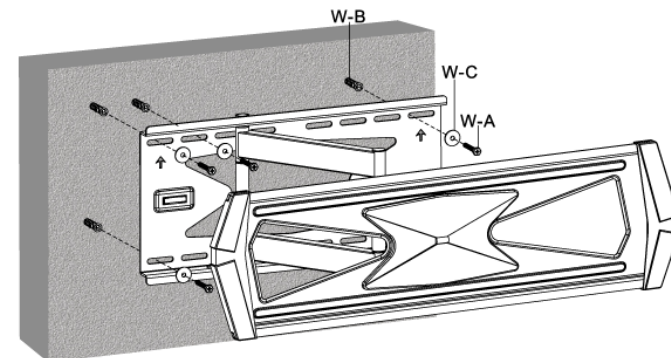
**Fig 4b**



Mark the exact location of mounting holes



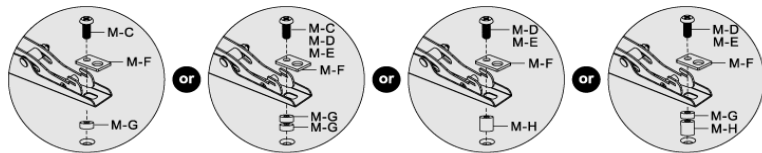
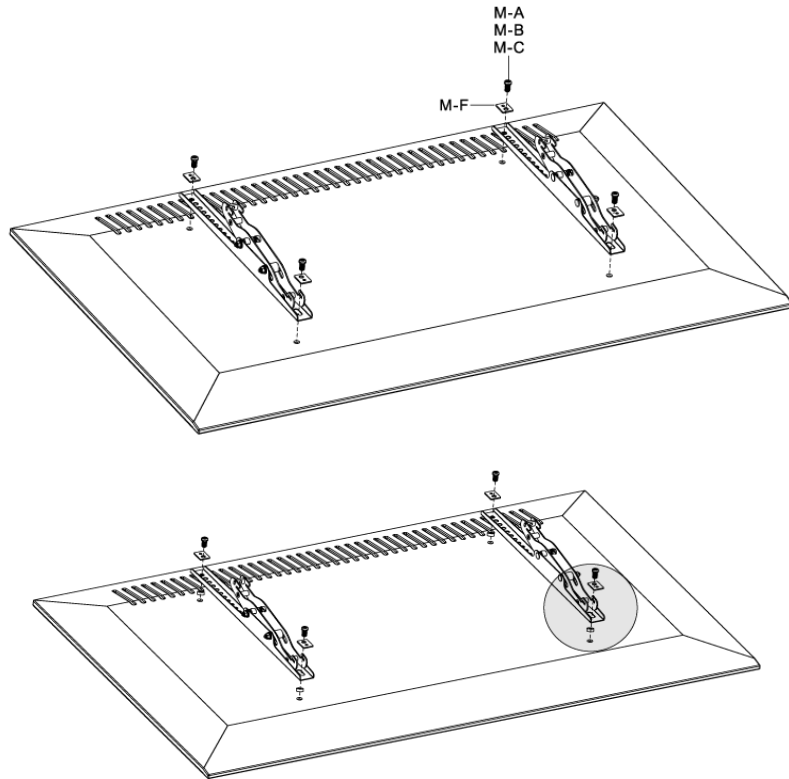
Drill pilot holes





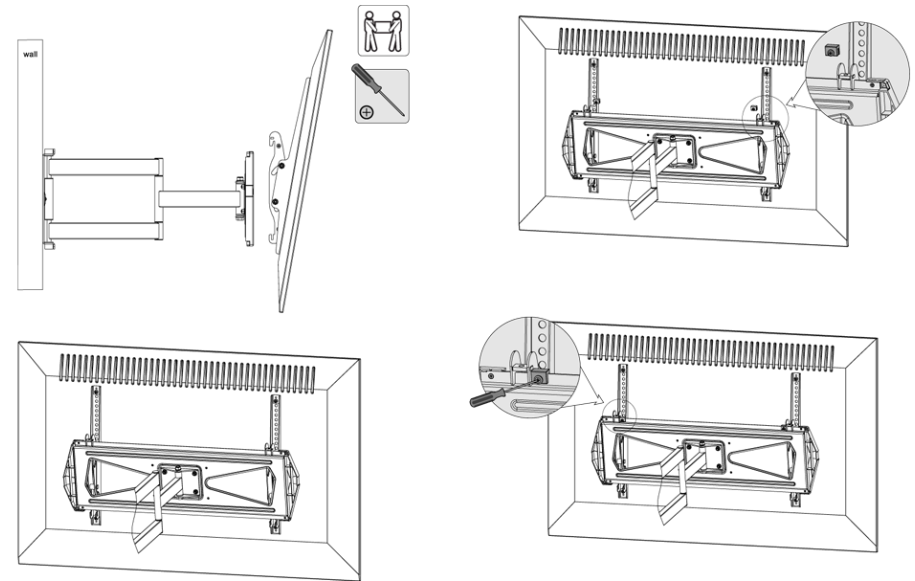
## 5.0 Installing the Adapter Brackets

1. Choose appropriate screws (M-A, M-B, M-C), washers (M-F) and spacers (M-G, M-H if necessary) according to the type of screen.
2. Position the adapter brackets as close as possible to the center of the TV.
3. Screw the adapter brackets onto the TV as shown in fig. 7a.
4. Tighten all screws (Do not over tighten)



## 7.0 Hanging the Display onto the Wall Mount

- Always use an assistant or mechanical lifting device to safely lift and position the TV onto the wall bracket.
1. Lift the TV onto the wall plate. Make sure that the hooks on the adapter brackets latch onto the wall plate to avoid injury as shown in fig. 7a
  2. Once the TV is in its final position, tighten the screws on the anti-skid blocks as shown on page 8 in fig. 7b.
  3. Slide the safety bar onto the wall mount and secure with a padlock to prevent the display from being stolen as shown in fig. 7c (PADLOCK NOT INCLUDED)



**Fig 7a**