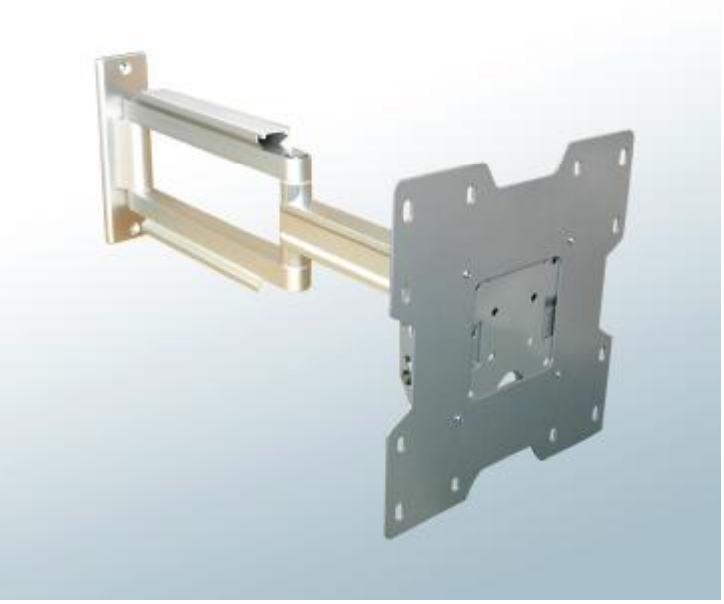
LCD Display Mount Bracket

Model: LCD107

Installation Instruction



- Universal Mount Bracket
- High capacity maximum weight 35kgs
- Ideal for LCD panels from 24” to 37”
- Rigid extruded aluminium construction
- Single stud installation
- Adjustable tilt -5° to +15°
- Adjustable swivel 180°

IMPORTANT: Consult a qualified installer if you have any questions regarding the proper installation of this wall mount system.

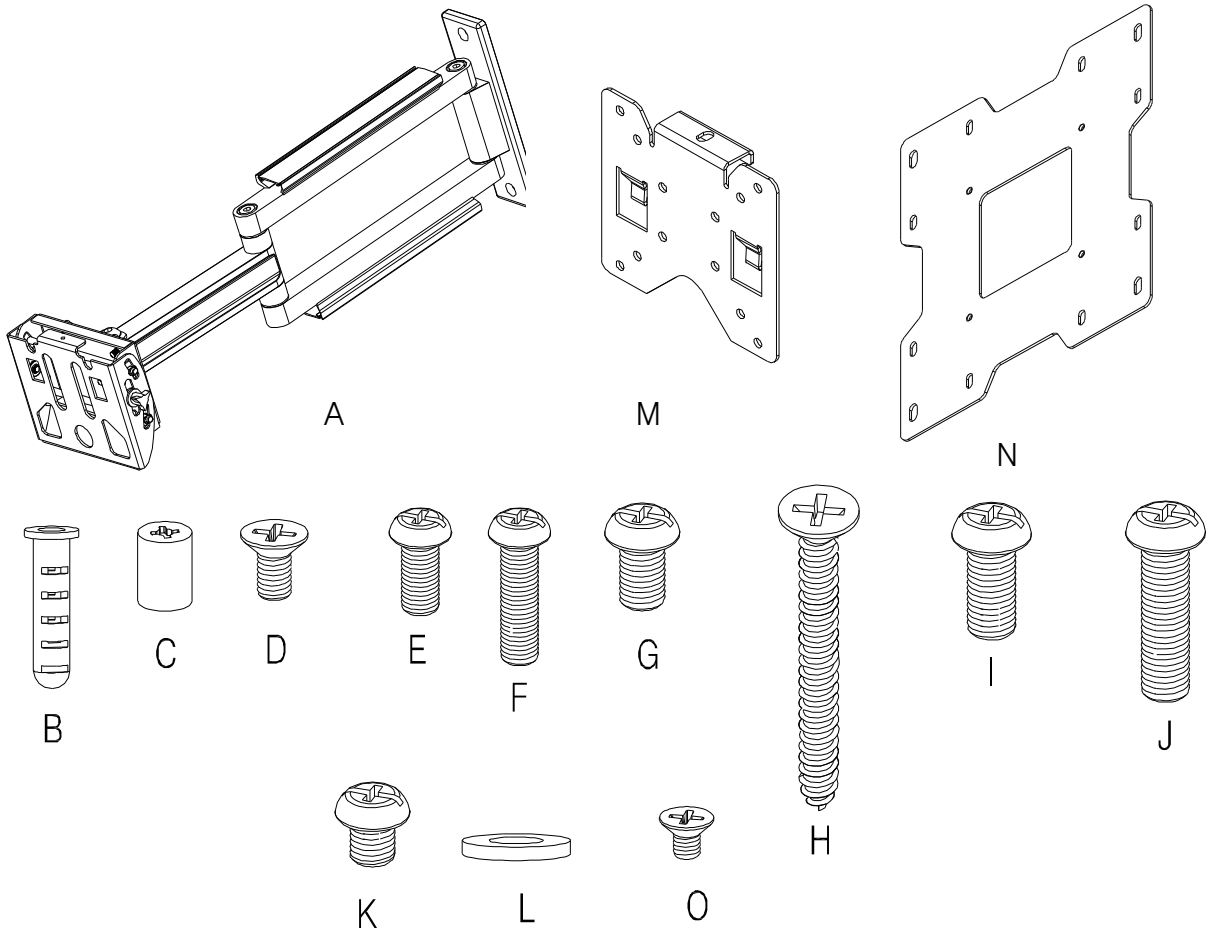
Safety Warning and Disclaims:

- If you do not understand these directions, or have any doubts about the safety of installation, please consult a qualified installer.
- Check carefully to make sure there are no missing or defective parts.
- Never use defective parts.
- Improper installation may cause damage or serious injury.
- Every effort has been made to provide accurate and error-free assembly and installation. We disclaim liability for any difficulties arising from the interpretation of information contained in these instructions.
- If our products are used for purposes other than their original intent, we shall not be held responsible or liable for injuries or property damage, direct, indirect, or consequential, which may arise from the inability to use this product safely, properly, and in the manner for which it has been designed and manufactured.

Note: The supplied wall mounting hardware is not for steel stud walls or old cinder block walls. If you are uncertain about the nature of your wall, please consult a qualified installer. We make every effort to assure all necessary display mounting hardware is included. If the hardware you need is not included, please consult your local hardware store.

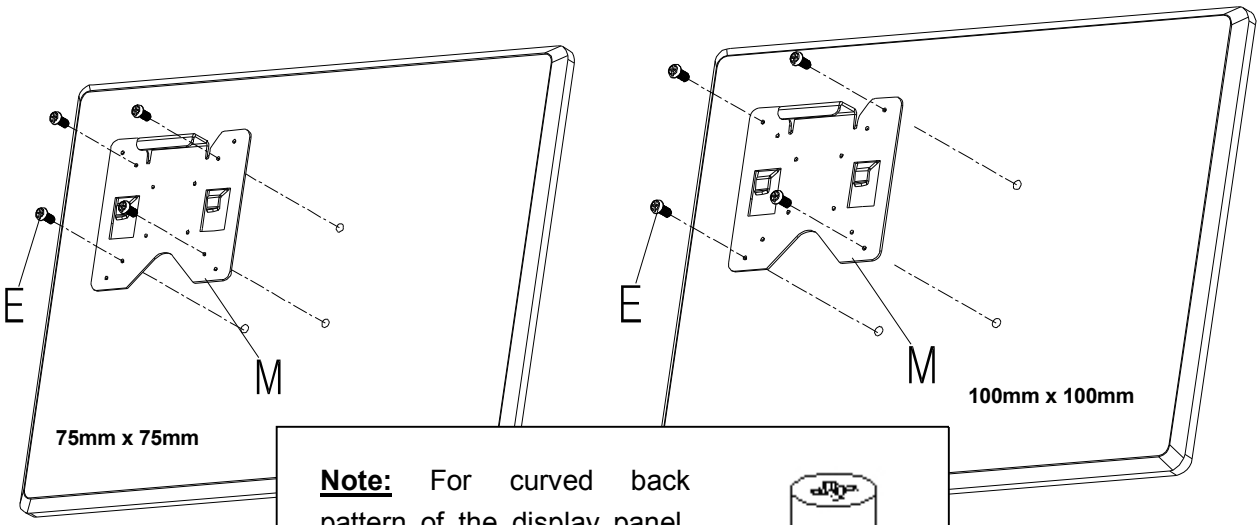
Parts List

	Description	Qty.
A	Wall mount	1
B	Alligator® anchor	2
C	.198″ID×.313″OD×.437″H retaining spacer	4
D	1/4-20×1/2″ flat head Phillips screw	2
E	M4×.7×10 mm Phillips screw	4
F	M4×.7×20 mm Phillips screw	4
G	M6×1×12 mm Phillips screw	4
H	#14×2-1/2″ flat head wood screw	2
I	M6×1×20 mm Phillips screw	4
J	M6×1×30 mm Phillips screw	4
K	M5×1×6 mm Phillips screw	5
L	#10 flat washer	4
M	Hook bracket	1
N	Adaptor plate	1
O	#10-32×1/4″ flat head Phillips screw	1



<u>Step 1</u>: Attaching the Hook Plate and the Adaptor Plate to the display panel

<u>For 75mm x 75mm or 100mm x 100mm mounting pattern of the display panel</u>
Attach the Hook Plate (M) to the back of the display panel using four M4x10mm screws (E) as shown below.
Note: If the display panel has a curved back, attach the Hook Plate (M) to the back of the display panel using four M4x20mm screws (F) and four Spacers (C) as shown below.

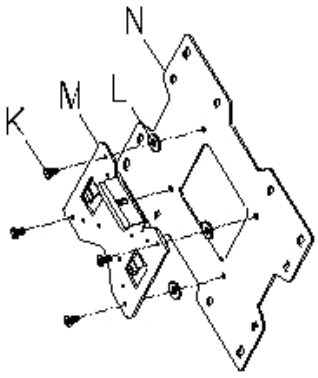


Note: For curved back pattern of the display panel, insert a spacer (C) between the Hook Plate and the panel.

C

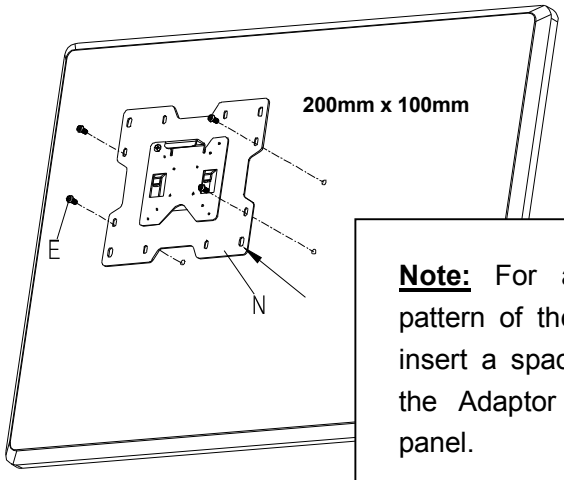
For 200mm x 100mm mounting pattern of the display panel

Firstly, attach the Hook Plate (M) to the Adaptor Plate (N) using four M5x6mm screws (K) and #10 washers (L) as shown.



Attach the Adaptor Plate (N) to the back of the display panel using four M4x10mm screws (E) as shown below.

Note: if screw (E) gets less than three threads of engagement, or the back f the display panel is curved, attach the Adaptor Plate (N) to the back of the display panel using four M4x20mm screws (F) and four Spacers (C) as shown below.

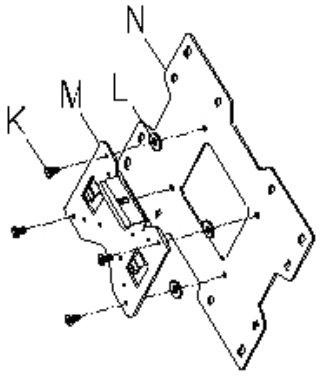


Note: For a curved back pattern of the display panel, insert a spacer (C) between the Adaptor Plate and the panel.

C

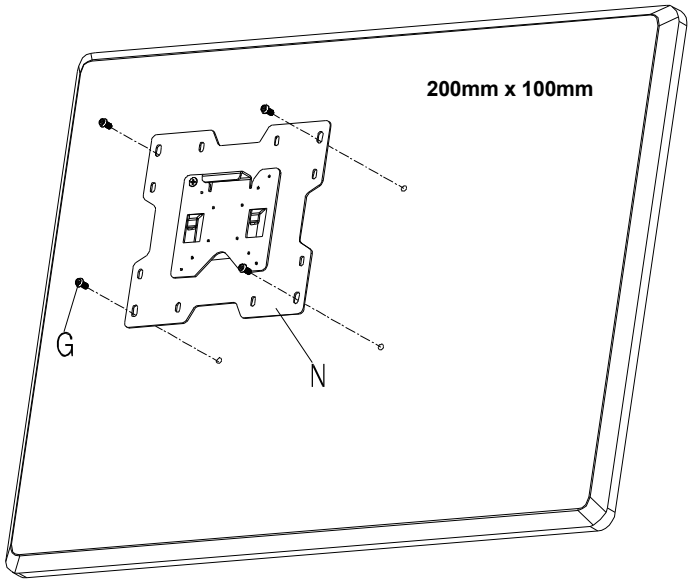
For 200mm x 200mm mounting pattern of the display panel

Firstly, attach the Hook Plate (M) to the Adaptor Plate (N) using four M5x6mm screws (K) and #10 washers (L) as shown.



Attach the Adaptor Plate (N) to the back of the display panel using four M6x12mm screws (G) as show below.

Note: if screw (G) gets less than three threads of engagement, attach the Adaptor Plate (N) to the back of the display panel using four M6x20mm screws (I). If screw (I) still gets less than three threads of engagement, use four M6x30mm screws (J) as shown below.



Step 2: **install the Wall Arm Assembly on the wall**

Warning: Make sure that the supporting surface supports the combined load of the equipment and all attached hardware and components.

Installation to Wood Stud Wall

Remove the cord covers from the Wall Arm Assembly (A) as shown in figure 1.1. Using a stud finder, locate and mark the edges of the wood stud used. Use of an edge-to-edge stud finder is highly recommended. Use a level to draw a vertical line on the center of the stud. Use the Wall Arm Assembly (A) as a template to mark the center of the holes along the vertical line. Drill two ∅4mm holes at 65mm depth. Attach wall mount (A) to the wall using two #14x2.5” flat head wood screws (H) as shown in figure 1.2.

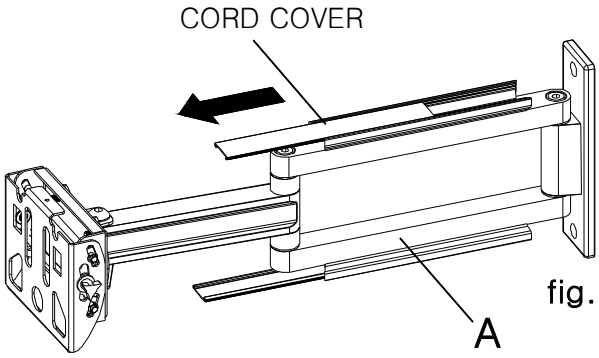


fig.1.1

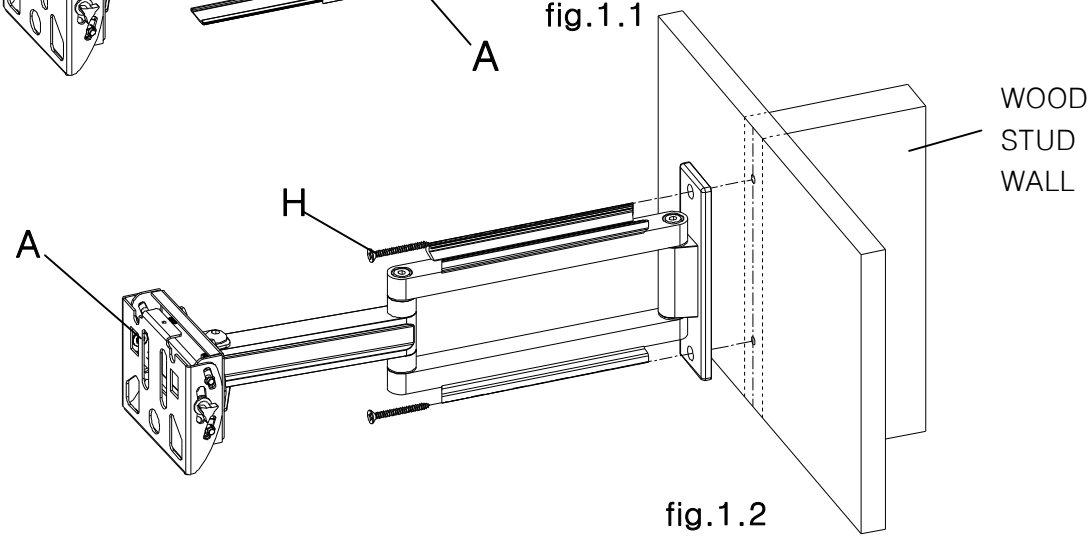


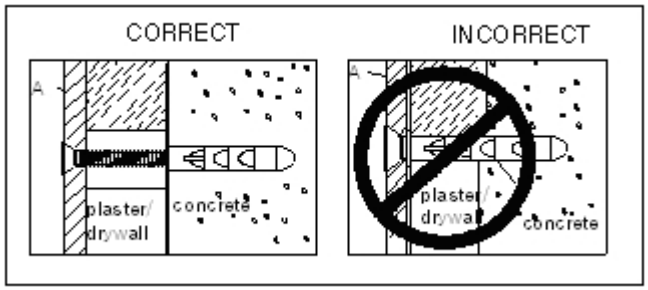
fig.1.2

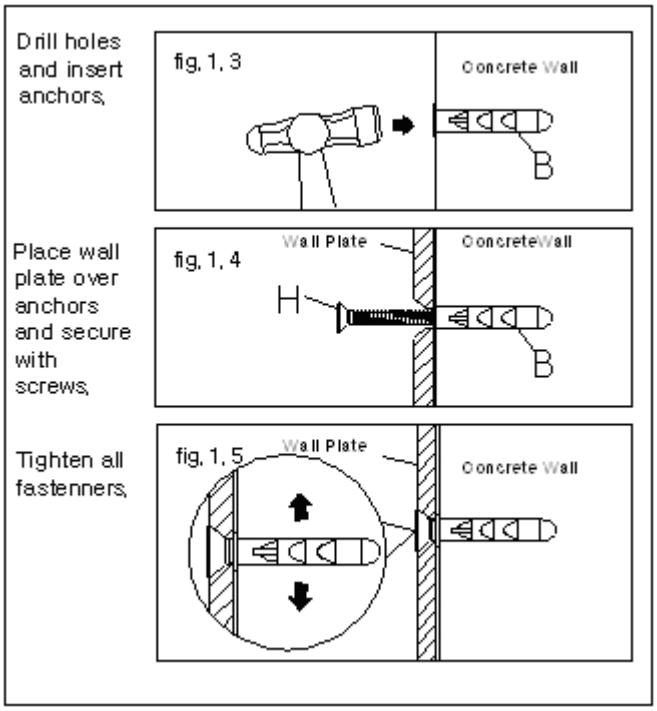
Warning:

- Tighten screws so that the Wall Arm Assembly (A) is firmly attached, but do not over tighten. Over tightening may damage the screws, greatly reducing their reliability.
- Make sure the mounting screws are anchored into the centre of the wall stud.

Installation to Brick, Solid Concrete and Concrete Block

Remove the cord covers from the Wall Arm Assembly (A) as shown in figure 1.1. Use a level to draw a vertical line on the wall. Use the Wall Arm Assembly (A) as a template to mark the center of the holes along the vertical line. Drill a ∅8mm hole using the ∅8mm masonry bit in each marked location at least 50mm in depth. Insert the Anchors (B) in each hole, flush with the wall as shown in figure 1.3. Make sure the anchor is seated completely flush with the concrete surface even if there is a layer of drywall or other material in front. See figure beside. Attach the Wall Arm Assembly (A) over the anchors using the screws (H), as shown on figures 1.4, 1.5 and 1.6.





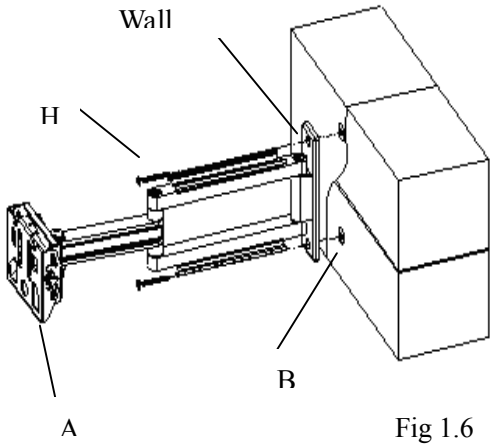


Fig 1.6

Warning: Tighten screws so that the Wall Arm Assembly (A) is firmly attached, but do not over tighten. Over tightening may damage the screws, greatly reducing their reliability.

<u>Step 3</u>: Attach the display panel onto the Wall Arm Assembly

To attach the display panel to the Wall Arm Assembly (A), lower the hook Bracket (M) with the display panel at an angle into the pockets of the Wall Arm Assembly (A) as shown in figure 3.1. Once the clips are engaged, push down to seat clips in pockets as shown in figure 3.2. Insert and tighten M5 Phillips screw (K) to lock the display panel to the wall mount as shown in figure 3.3.

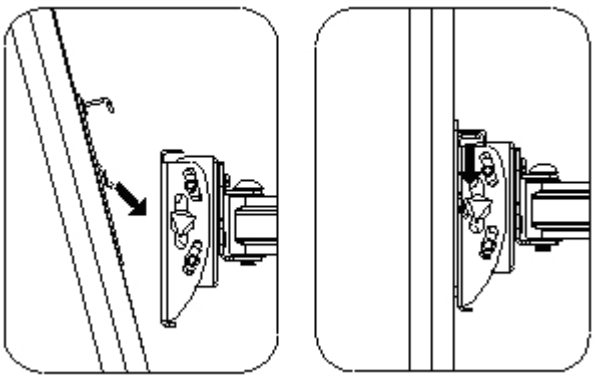


Fig3.1

Fig3.2

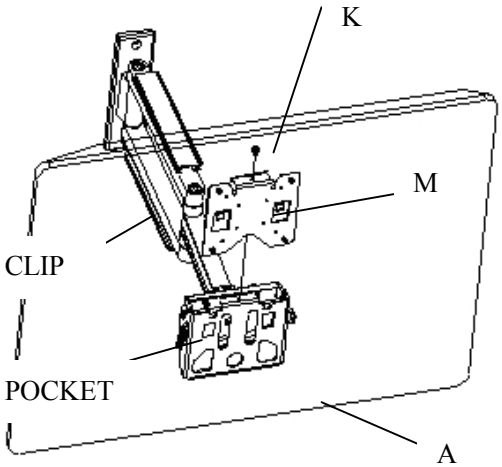


Fig3.3

<u>Step 3</u>: Adjust the display panel to desired position

<u>Adjust the tilt angle</u>

Adjust the tension knob on side the of the wall mount bracket in figure 4.1 to the desired tension to balance the weight of the display panel. Rotate the display panel to adjust tilt angle from 15° forwards to 5° backwards.
Using #10-32x1/4" flat head screw (O) to lock the display panel as shown in figure 4.1.

Warning: Do not tighten screws or knobs with excessive force. Over tightening may damage the wall mount bracket, greatly reducing its reliability.

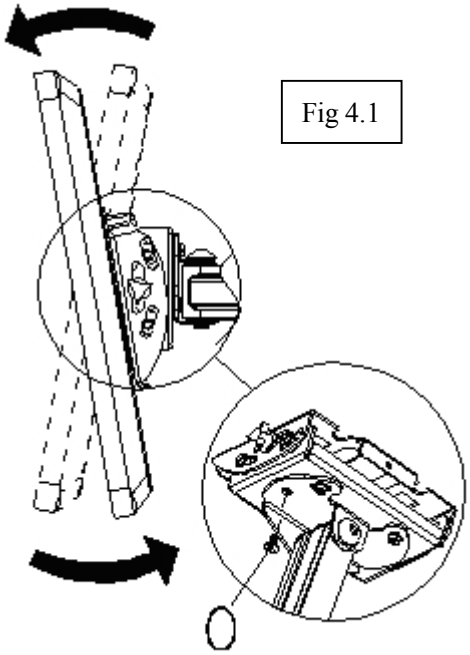


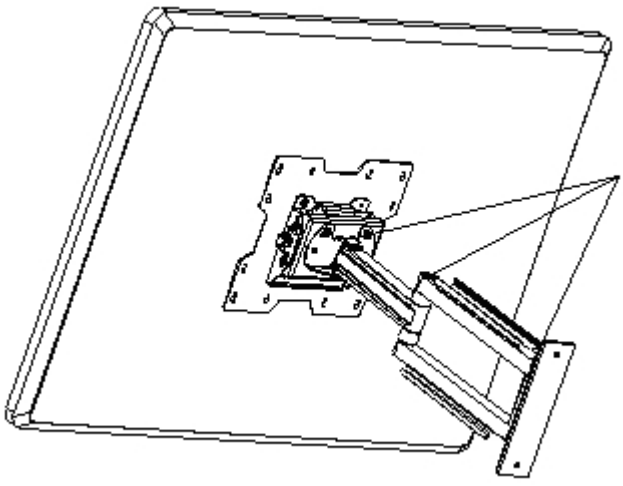
Fig 4.1

<u>Adjust the swivel angle</u>

Turn the display panel onto the desired horizontal angle. If the tension is not right when you turn the display panel, you can adjust the three tension screws as shown in figure 4.2.

- To increase the tension, turn tension screw(s) clockwise with an Allen key.
- To decrease the tension, turn tension screw(s) anti-clockwise with an Allen key.

Warning: Do not turn the tension screw(s) more then half a turn.
Warning: Do not remove or loosen screws until they are no longer engaged with the display panel. Otherwise this may cause the display panel to fall off.



TENSION SCREWS

Fig 4.2

Cable and cord layout

Make sure the cable and cord have enough slack to allow full movement of the wall mount arm. Layout the cable and cord into the arm slots of the wall mount (A) as shown in figure 4.3. We recommend the power cord through one arm slot and the signal cable(s) through another arm slot, in order to avoid the interference. Put back the sliding cord cover onto the wall mount arm as show in figure 4.4. The display panel may have to turn to the side for better access for sliding back the cord covers.

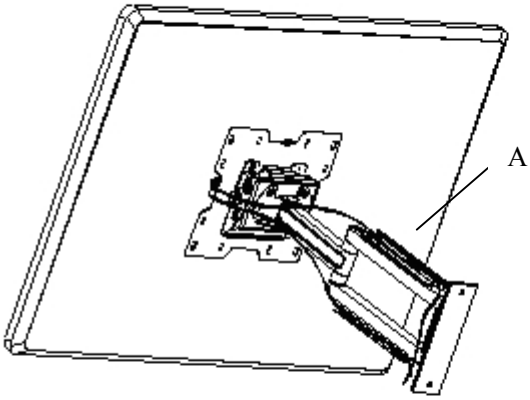


Fig 4.3

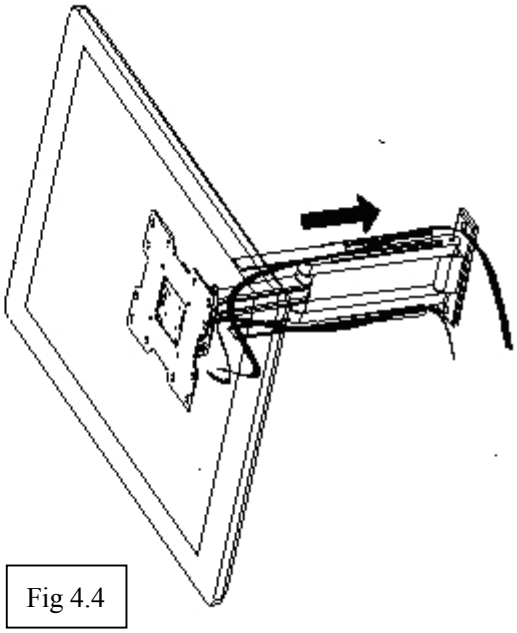


Fig 4.4