BTV513

FLAT SCREEN WALL MOUNT WITH DOUBLE ARM

INSTALLATION GUIDE

SPECIFICATIONS

- Recommended for screens up to 55"
- Max load: 35kg (77lbs)
- Universal mount designed for screens with fixings up to 426 x 400mm
- Suitable for screens with VESA® fixings from 200 x 100mm up to 400 x 400mm
- Features 180° swivel and +10°/-2° tilt
- Ultra-slim design mounts screen 40mm from wall when folded flat - Max. extension 454mm
- Simple installation with all mounting hardware included

www.btechavmounts.com
Installation Safety Notes

Please pay careful attention to where this product is located. Check load capacity of the wall prior to installation as some surfaces are not suitable for installation. Designed for indoor use, this mount is suitable for public or home installation. If located in a public or frequently populated area ensure that the product is out of the immediate reach of people. If any AV equipment is to be suspended over the likely path or location of people then great care should be taken to secure all parts of the installation from falling.

When drilling holes it is essential to avoid contact with electrical cables and water or gas pipes contained within. Use of a good quality live wire detector and hidden object locator is therefore recommended. Only drill into structures when you are sure it is safe to do so.

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INSTALLATION SAFETY INSTRUCTIONS

CAUTION: This mount is intended for use only with the maximum weights indicated. Use with equipment heavier than the maximum indicated may result in instability causing possible injury.

Do not attempt to install this product until all instructions and warnings have been read and properly understood. Please keep these instructions for future reference.

Please check carefully to make sure there are no missing or defective parts - defective parts must never be used. B-Tech AV Mounts, its distributors and dealers are not liable or responsible for damage or injury caused by improper installation, improper use or failure to observe these safety instructions. In such cases, all guarantees will expire.

General
B-Tech AV Mounts recommends that a professional AV installer or other suitably qualified person install this product. Great care must always be taken during installation as most AV equipment is of a fragile nature, possibly heavy and easily damaged if dropped.

If you do not fully understand the instructions or are not sure how to install this product safely, then please consult a professional for advice and/or to install this product for you. Failure to mount this product correctly may cause serious injury or death both during installation and at any time thereafter.

Do not mount any AV equipment that exceeds the specific weight limit of the product you are installing. This weight limit will be clearly stated on each product and its packaging and will vary from product to product.

Product location
Please pay careful attention to where this product is located. Check load capacity of the wall prior to installation as some surfaces are not suitable for installation. Designed for indoor use, this mount is suitable for public or home installation.

If located in a public or frequently populated area ensure that the product is out of the immediate reach of people. If any AV equipment is to be suspended over the likely path or location of people then great care should be taken to secure all parts of the installation from falling.

When drilling holes it is essential to avoid contact with electrical cables and water or gas pipes contained within. Use of a good quality live wire detector and hidden object locator is therefore recommended. Only drill into structures when you are sure it is safe to do so.

Fixing hardware
It is highly recommended that all fixing screws be used where supplied and that the purpose of all other fixing hardware is fully understood. In some cases more AV equipment fixing hardware will be supplied to accommodate different models of equipment and set up configurations. The installer must be satisfied that any supplied fixing hardware is suitable for each specific installation. The fixing kit supplied with the product may not be suitable for all walls.

If any fixing screws or included hardware are deemed not sufficient for a safe installation then please consult a professional or your local hardware store.

Hazard limitation
When routing cables take advantage of any built in cable management features that the product might provide and ensure that all cables are tidy and secure. Check to see that any moving aspect of the product can do so unhindered by any cabling. Some products have moving parts and the potential to cause injury through the crushing or trapping of fingers or other body parts. Particular attention to the nature of moving parts is required especially when assembling installing and adjusting during set up. Immediately after installation double-check that the work done is safe and secure. Double-check all necessary fixings are present and are of ample tightness.

It is recommended that periodic inspections of the product and its fixing points are made as frequently as possible (no more than 6 months apart) to ensure that safety is maintained.

If in doubt consult a professional AV installer or other suitably qualified person.
B-Tech AV Mounts  recommends that you install and use the product only according to the instructions provided. B-Tech AV Mounts is not responsible for any damage caused by improper installation or use. The manufacturer and seller are not liable for any legal action resulting from incorrect installation or use.

The information provided is intended for professional installers and should not be used by individuals without proper training and certification. The product is designed for professional installation and use. B-Tech AV Mounts reserves the right to update or change the product specifications without prior notice. If you have any questions or concerns, please contact B-Tech AV Mounts directly.
### INSTALLATION TOOLS REQUIRED

**Drill**  
10mm (7/16") masonry bit or 6mm (1/4") wood bit

**Pencil**

**13mm (1/2") spanner or socket**

**Screwdriver**

**Stud Finder (Optional)**

### WALL FIXING KIT

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NAME</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>WALL PLATE</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>INTERFACE ARM</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>CABLE MANAGEMENT CLIP</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>5AF HEX KEY</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>S10mm SOCKET WRENCH</td>
<td>1</td>
</tr>
</tbody>
</table>

### SCREEN INTERFACE KIT

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NAME</th>
<th>QTY</th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>M4 x 12mm SCREW</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>M4 x 25mm SCREW</td>
<td>4</td>
</tr>
<tr>
<td>C</td>
<td>M4 x 40mm SCREW</td>
<td>4</td>
</tr>
<tr>
<td>D</td>
<td>M6 x 16mm SCREW</td>
<td>4</td>
</tr>
<tr>
<td>E</td>
<td>M6 x 25mm SCREW</td>
<td>4</td>
</tr>
<tr>
<td>F</td>
<td>M6 x 40mm SCREW</td>
<td>4</td>
</tr>
<tr>
<td>G</td>
<td>M8 x 16mm SCREW</td>
<td>4</td>
</tr>
<tr>
<td>H</td>
<td>M8 x 25mm SCREW</td>
<td>4</td>
</tr>
<tr>
<td>I</td>
<td>M8 x 40mm SCREW</td>
<td>4</td>
</tr>
<tr>
<td>J</td>
<td>MULTIWASHER</td>
<td>4</td>
</tr>
<tr>
<td>K</td>
<td>5mm SPACER</td>
<td>4</td>
</tr>
<tr>
<td>L</td>
<td>13mm SPACER</td>
<td>4</td>
</tr>
<tr>
<td>M</td>
<td>24mm SPACER</td>
<td>4</td>
</tr>
</tbody>
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### WALL PLATE INTERFACE ARM

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NAME</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>M8 x 50mm COACH SCREW</td>
<td>5</td>
</tr>
<tr>
<td>A2</td>
<td>M8 METAL WASHER</td>
<td>5</td>
</tr>
<tr>
<td>A3</td>
<td>N°.10 WALL PLUG</td>
<td>5</td>
</tr>
</tbody>
</table>

Suitable for loads up to 35kg (77lbs)

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**Drill**  
10mm (7/16") masonry bit or 6mm (1/4") wood bit

**Pencil**

**13mm (1/2") spanner or socket**

**Screwdriver**

**Stud Finder (Optional)**
1. **FIX WALL PLATE**

   Fix *item 1* to the wall using one of the following methods:

   i. Concrete / brick walls.

   ![Diagram of concrete/brick wall installation](image)

   - 10mm (7/16") masonry bit

   ii. Wood / stud walls.

   ![Diagram of wood/stud wall installation](image)

   - 6mm (1/4") wood bit

   **STUD FINDER** *(Optional)*
2. ATTACH INTERFACE ARMS TO SCREEN

Fix item 2 to the rear of the screen using items A - M.

Note: Ensure the arms are facing the correct way round and the same holes are used on both arms.

Use spacers (items K, L & M) for screens with recessed fixings.

Please refer to screen manufacturer manual for guidance on screen mounting and ventilation.
3. **MOUNT SCREEN ONTO WALL PLATE**

Hook screen onto *item 1* (this may require two people).

![Diagram of screen mounted on wall plate]

4. **SECURE THE MOUNT**

Tighten the safety screws on the bottom of *item 2* securing the screen to the mount.

![Diagram of screws being tightened]
5. TILT ADJUSTMENT
Use item 4 to loosen the screws on the side of item 1 and adjust the screen tilt.

6. OPTIONAL LEVEL ADJUSTMENT
If necessary, use item 5 to loosen the nuts on the back of the mounting plate on item 1 and level the screen.
7. CABLE MANAGEMENT

Use item 3 to clip any screen cables to item 1.

Note: Ensure there is enough slack in the cable to allow for the movement of the bracket.