BT7825
TRUSS CLAMP
USE WITH A BT7850 POLE

INSTALLATION GUIDE

SPECIFICATIONS

- Designed to fit B-Tech’s Ø50mm poles onto truss systems, scaffold and other horizontal poles
- Max load (single screen installation): 70kg (154lbs)
- Max load (back-to-back installation): 140kg (308lbs)
- Truss compatibility: Ø42mm - Ø50mm

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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 ceiling 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 ceilings.

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.
<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TRUSS CLAMP</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>M8 x 60mm HEX SCREW</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>M8 x 6mm GRUB SCREW</td>
<td>8</td>
</tr>
<tr>
<td>4</td>
<td>M8 x 12mm HEX SCREW</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>4AF HEX KEY</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>5AF HEX KEY</td>
<td>1</td>
</tr>
</tbody>
</table>

Suitable for loads up to 140kg (308lbs) for back-to-back installations or 70kg (154lbs) for single screen installations
1. CONNECT Ø50MM POLE TO TRUSS MOUNT
   i. Insert a BT7850 Ø50mm pole *(sold separately)* into item 1. Line up the safety screw hole with the hole on the BT7850 pole.
   
   - SAFETY SCREW HOLE
   - BT7850 *(sold separately)*

   ii. Insert item 2 and tighten using item 6.

   **OPTIONAL**
   *Item 2 can be replaced with item 4 to prevent cables from being obstructed.*

**WARNING**
Ensure *item 2 or item 4* is in place before any AV equipment is fitted.
2. CONNECT CLAMP TO TRUSS
   i. Open Truss Mount Clamp
      Unscrew the wing nut on item 1 until the clamp can be opened
      Note: The wing nut does not need to be fully removed.

   ii. Secure Truss Mount to Truss
      Close the clamp around the Truss.
      Tighten the wing nut, ensuring the wing nut and washer are flat on the moveable part of the clamp.

3. FIX POLE IN PLACE
   Tighten item 3 using item 5.

   Note: If necessary the angle of the pole can be adjusted by using item 3 and item 5.
TYPICAL INSTALLATIONS

FLAT SCREEN MOUNT

PROJECTOR MOUNT

BT7825
BT7850
BT7523
BT7052

BT7825
BT7850
BT899
PROJECTOR

BT7825 DIMENSIONS
PLEASE KEEP THIS FOR FUTURE REFERENCE

R25.5mm

178.5mm
26mm
36.5mm
73.5mm
3mm

98mm
11.5mm
60mm

30mm
100mm
238mm

Ø52mm

THESE INSTRUCTIONS ARE INTENDED AS A GUIDE ONLY AND B-TECH ACCEPTS NO LIABILITY FOR THE ACCURACY OF THE INFORMATION CONTAINED IN THIS DOCUMENT.