



Installation Instructions

TouchBoard Mobile Height Adjustable – Actuator Lift TBMS-MOB-HA-A

Warning

Severe personal injury, possible death and property damage can result from improper installation or assembly. Read the following warning carefully before commencing installation:

- This product must only be installed by a qualified audio visual installer or suitably licensed tradesman.
- If you do not understand the instructions or have any concerns or questions, please stop installation immediately and contact TouchBoard or your local supplier.
- Do not continue with installation if hardware is damaged or missing. If hardware is damaged or missing please contact TouchBoard or your local supplier.
- Only use this product for its designed purpose and within stated manufacture specifications.
- The manufacturer disclaims any liability for the modification, improper installation or use of product outside its weight range. The manufacturer will not be liable for any death, injury or damages arising out of the use, or inability to use this product.

Caution

As this system is electrically height adjustable, at no time should items be placed or stored in a position under the Touch Screen and floor. If items are placed under the Touch Screen they may be crushed or damaged during electrically lowering the system which will result in damage to items, damage to equipment and possible injury to personnel.

Specifications

For TV Panels: 55" – 108"

Max Load: 82kg

Max Shelf Load: 13kg

VESA: 400x400 – 1200x600mm

PLEASE USE THE DIAGRAM ON PAGE 3 FOR INSTALLATION REFERENCE

Step 1 – Installing the Lower Bracket to the Left and Right Extrusions

- Place Left and Right Extrusion (3) the on floor with the flat side up.
- Install Lower Bracket (1) to Left and Right Extrusions (3) using the 4 x M6 Allen Head Bolts and Aluminium Blocks
- Lower Bracket Height should be set at 340 mm from the Bottom of each Extrusion to the Underside of the Lower Bracket. This is to allow Full Actuator Range. Set Lower Bracket to 340 mm and tighten 4 x Allen Head Bolts.

Step 2 – Installing the Mobile Base to the Left and Right Extrusions

- Install 4 x Wheels (10) and 4 x End Caps (17) to the Mobile Base (9)
- Install the assembled Left and Right Extrusion (3) into the Mobile Base (9) and tighten using 8 x M8 Allen Head Bolts and Washers.



Step 3 – Installing the Screen Mounting Frame to the Assembly

- Install the Screen Mounting Frame (5) to the Assembly (3,9) and tighten using 8 x M8 Allen Head Bolts and Washers.
- Install the Power Board (13) using 4 x M4 Allen Head Bolts and Large Washers
- Install 2 x Plastic Handles (18) using 4 x M6 Allen Head Bolts and Washers

Step 4 – Installing the Upper Bracket, Cover and Extrusion Caps

- Install the Upper Bracket (2) to the Assembly (3,9) and tighten using 4 x M6 Allen Head Bolts and Aluminium Blocks. The top of Upper Bracket should be set at 10mm down from the Left and Right Extrusion.
- Install the Extrusion Caps (6) to the Left and Right Extrusions (3) and tighten using 4 x M8 Allen Heads Bolts and Washers.
- Install the Upper Bracket Cover (14) to the Upper Bracket (2) using 4 x M6 Allen Head Bolts and Washers

Step 5 – Installing the Actuator, Control Unit and Up / Down Switch

- Noting the orientation in the Actuator in the drawing, install the Actuator (11) into the Lower Bracket (1) and Screen Mounting Frame (5) and tighten using 2 x M8 Allen Head Bolts, Washers and Nyloc Nuts.
- Install the Controller Unit (12) to the Actuator (11). The Controller will slide into the Plastic Receptacle on the Actuator.
- Alternative Mounting Option – Using the Plastic Mounting Block Supplied with the Nuts and Bolts Bag, secure the Plastic Mounting Block to the Screen Mounting Frame (5) and tighten using 2 x M4 Counter Sunk Allen Head Bolts. The Controller will slide onto the Plastic Mounting Block.

Step 6 – Installing the Lower Bracket and Laptop Tray

- Install the Lower Bracket Cover (15) to the Lower Bracket (1) and tighten using 4 x M6 Allen Head Bolts and Washers.
- Install the Laptop Tray (4) to the Lower Bracket (1) and tighten using 4 x M6 Allen Head Bolts and Washers.

Step 7 – Cable Installation and Management

- Connect the Actuator Cable (11) to the Control Unit (12)
- Connect the Up/Down Switch to the Control Unit (12)
- Plug the Control Unit (12) into the Power Board (13)
- Install 3 x Plastic Cable Clips to the Right Extrusion and secure Power Board (13) Cable to avoid Catching / Chafing
- Using remaining 3 x Adhesive Plastic Clips secure all Cabling to avoid Catching / Binding

Step 8 – Quality Assurance and Testing

- Thoroughly inspect the System for correct installation, ensuring all parts are correctly tightened and secure.
- Raise and lower the System to the highest and then lowest position. Check that all cables are secure and correctly installed and that there is no binding or rubbing of cables/correct installation to the wall, ensuring that the system is safely and securely fastened.

Step 9 - Installing LED Screen to Assembled Stand

- Included with this Mounting System are 2 x Screen Brackets to provide an VESA interface for mounting the LED Screen to the assembled system. Please consult your LED Screen manufacturer technical details on how the screen should be mounted to a mobile system. After the LED Panel has been to the assembled system ensure the safety locks on the Screen Brackets are secured. TouchBoard does not recommend the use of 3rd party mounting brackets installed between the LED Screen and 2 x Screen Brackets.

If Additional Technical Support is required during installation, please contact TouchBoard on +61404778829 or contact your local supplier.

TOUCHBOARD MOUNTING SYSTEMS

