

B-Tech BT882/B

B-Tech BT882 Projector Ceiling Mount User Manual

Model: BT882/B | Brand: B-Tech

INTRODUCTION

This manual provides detailed instructions for the safe and effective installation, operation, and maintenance of your B-Tech BT882 Projector Ceiling Mount. The BT882 is a versatile ceiling mount designed for LCD/LED/DLP projectors weighing up to 10kg (22lbs). It features adjustable tilt, roll, and swivel capabilities, along with an adjustable ceiling drop, ensuring optimal projector positioning.

Please read this manual thoroughly before beginning installation to ensure proper setup and to prevent damage to the product or injury.

PACKAGE CONTENTS

Before installation, verify that all components listed below are present in your package:

- B-Tech BT882 Projector Ceiling Mount assembly
- All necessary fixing hardware (screws, washers, anchors)
- Assembly leaflet (this manual)





Image: The complete B-Tech BT882 Projector Ceiling Mount, showcasing its main components including the ceiling plate, adjustable pole, and projector mounting plate.

SAFETY INFORMATION

Adhere to the following safety guidelines during installation and use:

- Ensure the mounting surface can safely support the combined weight of the mount and the projector.
- Use appropriate tools and follow all installation steps carefully.
- Do not exceed the maximum weight capacity of 10kg (22lbs).

- Keep children and pets away from the installation area.
- If unsure about any part of the installation, consult a qualified professional.
- Regularly check all connections and fasteners to ensure they remain secure.

SETUP AND INSTALLATION

1. Tools Required (Not Included)

- Drill with appropriate drill bits
- Stud finder (if mounting to wooden beams)
- Level
- Pencil
- Measuring tape
- Screwdriver (Phillips head)
- Wrench or spanner (for tightening bolts)

2. Mounting the Ceiling Plate

1. Identify the ideal mounting location on your ceiling. Ensure it is structurally sound and can support the weight.
2. Hold the ceiling plate of the mount against the ceiling at the desired location and mark the drill holes with a pencil.
3. Drill pilot holes at the marked locations. Use appropriate drill bits for your ceiling material (wood, concrete, etc.).
4. Insert wall anchors if required for your ceiling type.
5. Secure the ceiling plate to the ceiling using the provided screws and washers. Ensure it is level and tightly fastened.





Image: The upper section of the B-Tech BT882 mount, illustrating the ceiling plate and the initial pole attachment point, crucial for secure ceiling installation.

3. Attaching the Projector

1. Attach the 'Carousel' mounting plate to your projector. The unique design allows for universal compatibility with most projectors. Align the mounting arms with your projector's mounting holes.
2. Secure the mounting arms to the projector using the screws provided with the mount or those supplied with your projector, ensuring a snug fit.
3. Once the mounting plate is securely attached to the projector, carefully lift the projector and connect the mounting plate to the lower section of the ceiling mount pole.
4. Tighten any securing screws or levers to firmly attach the projector to the mount.







Image: The B-Tech BT882 mount with a projector attached, demonstrating how the projector connects to the adjustable lower plate of the mount.

4. Adjusting the Ceiling Drop

- The BT882 features a hand lever for easy adjustment of the ceiling drop.
- To adjust, loosen the hand lever located on the pole.
- Extend or retract the pole to achieve the desired drop, ranging from a minimum of 580mm (22.8") to a maximum of 830mm (32.7").
- Once the desired length is set, firmly tighten the hand lever to secure the pole in position.

OPERATING INSTRUCTIONS

Adjusting Tilt, Roll, and Swivel

The BT882 mount allows for precise adjustment of your projector's angle to achieve the perfect projection:

- **Tilt:** The mount allows for $\pm 90^\circ$ tilt. Loosen the appropriate adjustment screws (refer to the assembly diagram if needed) to tilt the projector up or down, then re-tighten.
- **Roll:** The mount offers $\pm 90^\circ$ roll adjustment. This allows you to correct for any horizontal misalignment. Loosen the relevant screws, adjust the roll, and re-tighten.
- **Swivel:** A full 360° swivel is available. This allows you to rotate the projector horizontally. Loosen the swivel mechanism, rotate to the desired angle, and secure.

Always ensure all adjustment screws and levers are firmly tightened after making any changes to prevent accidental movement of the projector.

MAINTENANCE

Cleaning

To maintain the appearance and functionality of your mount:

- Wipe the mount with a soft, dry cloth to remove dust.
- For stubborn marks, use a slightly damp cloth with mild soap, then dry thoroughly.
- Avoid abrasive cleaners or solvents, as they may damage the finish.

Inspection

Periodically inspect the mount for any signs of wear or damage:

- Check all screws and bolts to ensure they are tight and secure.
- Verify that the projector is still firmly attached to the mounting plate.
- Look for any cracks, bends, or deformities in the metal components.
- If any damage is found, discontinue use and contact customer support.

TROUBLESHOOTING

This section addresses common issues you might encounter:

Projector is not stable or sags:

- Ensure all mounting screws for the projector and the ceiling plate are fully tightened.
- Verify that the projector's weight does not exceed the mount's maximum capacity (10kg / 22lbs).
- Check the ceiling structure for adequate support.

Difficulty adjusting tilt/roll/swivel:

- Ensure the relevant adjustment screws or levers are sufficiently loosened before attempting to adjust.
- Do not force adjustments; if resistance is met, re-check the mechanism.

Mount feels loose on the ceiling:

- Re-tighten all screws securing the ceiling plate to the ceiling.
- If using wall anchors, ensure they are properly seated and not stripped. Consider using stronger anchors if necessary.

SPECIFICATIONS

Model Number	BT882/B
Brand	B-Tech
Mounting Type	Ceiling Mount
Compatible Devices	LCD/LED/DLP Projectors
Maximum Weight Capacity	10kg (22lbs)
Adjustable Drop Range	Min 580mm (22.8") - Max 830mm (32.7")
Tilt Adjustment	+/-90°
Roll Adjustment	+/-90°
Swivel Adjustment	360°
Colour	Black
Product Dimensions	83.01 x 34.01 x 20.5 cm (approximate, fully extended)

WARRANTY INFORMATION

This B-Tech product is manufactured to high standards and is designed for durability. Specific warranty terms and conditions may vary by region and retailer. Please retain your proof of purchase for any warranty claims. For detailed warranty information, refer to the documentation provided at the time of purchase or visit the official B-Tech website.

CUSTOMER SUPPORT

If you encounter any issues or have questions regarding your B-Tech BT882 Projector Ceiling Mount that are not covered in this manual, please contact your retailer or the manufacturer's customer support. When contacting support, please have your model number (BT882/B) and purchase details ready.

For the most up-to-date contact information, please visit the official B-Tech website.



[\[pdf\]](#) Datasheet Accessories

BT882 B TECH AUDIO VIDEO MOUNTS Universal Projector Ceiling Designed for LCD LED DLP Projectors up to 10kg 22lbs Hand lever easy adjustment of ceiling drop Min 580mm 22.8 Max 830mm 32.7 1918561 farnell datasheets |||

B-TECH AUDIO VIDEO MOUNTS AND ACCESSORIES Product Information

Universal Projector Ceiling Mount wit ... r Carton Weight: Master Carton Cube:

830mm MIN 32.7 830mm MIN 32.7 40mm 1.6 40mm 1.6 Black **BT882/B**

5019318088889 2 N/A 9.4kg 20.68lbs 0.03cbm 1.07cuft Silver White This BT882/S

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BT882 Spec Sheet 2019 btechavmounts file bt882 spec sheet |||

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ceiling mount with a ... TERFACE 150mm 150mm 200mm 200mm CEILING PLATE

PACKING INFORMATION Colour: Black White Order Ref: **BT882/B** BT882/W 40mm

40mm ACCESSORIES and related products 20mm BT897 20mm EAN Code: 205mm

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