

Maclean MC-580

Maclean MC-580 TV Ceiling Mount Bracket User Manual

Model: MC-580

1. OVERVIEW

The Maclean MC-580 is a universal ceiling mount bracket designed for securely mounting LCD, LED, and Plasma screens. It supports televisions with screen diagonals from 17 to 37 inches and a maximum weight of 50 kg. This bracket offers adjustable height, tilt, and 360-degree rotation for optimal viewing angles.



Figure 1: Maclean MC-580 TV Ceiling Mount Bracket. This image shows the fully assembled ceiling mount, illustrating its overall structure and design.

2. SAFETY INFORMATION

Please read all instructions carefully before installation. Incorrect assembly or use may result in serious injury or damage to property. If you have any doubts, consult a qualified professional.

- **Weight Capacity:** Do not exceed the maximum load capacity of 50 kg (110 lbs).
- **Screen Size:** Ensure your TV's screen diagonal is between 17 and 37 inches, or larger if its weight and VESA pattern are compatible.
- **VESA Compatibility:** Verify your TV's VESA mounting pattern matches the bracket's supported patterns (75x75, 100x100, 200x100, 200x200 mm).
- **Ceiling Structure:** The ceiling must be capable of safely supporting the combined weight of the mount and the television. Use appropriate mounting hardware for your ceiling type (wood stud, concrete, etc.).
- **Tools:** Use proper tools and wear safety gear during installation.
- **Children:** Keep children away from the installation area.

3. PACKAGE CONTENTS

Before installation, ensure all parts are present and undamaged. Refer to the included manual for a complete list of mounting accessories.



Figure 2: Components of the Maclean MC-580 mount. This image displays the main parts including the ceiling plate, extension poles, and TV mounting plate, along with various screws and washers.

The package typically includes:

- Ceiling plate
- Adjustable extension pole(s)
- TV mounting plate (VESA compatible)
- Mounting hardware (screws, washers, spacers, anchors)
- Instruction manual

4. SETUP & INSTALLATION

Installation requires careful attention to detail. It is recommended that two people perform the installation to ensure safety and proper alignment.

4.1 Pre-Installation Checks

1. **Verify TV Compatibility:** Confirm your TV's weight is under 50 kg and its VESA pattern (75x75, 100x100, 200x100, 200x200 mm) matches the mount.
2. **Identify Ceiling Type:** Determine if your ceiling is wood, concrete, or another material to select appropriate anchors and screws.
3. **Choose Mounting Location:** Select a location that provides adequate clearance and is structurally sound.

4.2 Assembly Steps

1. **Attach Ceiling Plate:** Secure the ceiling plate to the chosen location using appropriate fasteners. Ensure it is firmly attached and level.
2. **Assemble Extension Pole:** Connect the extension pole sections to achieve the desired height (adjustable from 105cm to 156cm). Secure the sections with the provided pins or screws.
3. **Attach TV Mounting Plate to Pole:** Connect the TV mounting plate to the lower end of the extension pole. This connection allows for 360-degree rotation.
4. **Mount TV to Plate:** Attach the TV mounting plate to the back of your television using the VESA screws. Ensure the screws are tightened securely but do not overtighten.
5. **Hang TV Assembly:** Carefully lift the TV with the attached mounting plate and secure it to the extension pole assembly. Follow the specific locking mechanism instructions in the included manual to ensure the TV is safely latched.



Figure 3: Installation overview and key features. This diagram illustrates the adjustable height, 360-degree rotation, tilt range (0° to -15°), and integrated cable management system.



Figure 4: Detailed dimensions and adjustment ranges. This image shows the minimum and maximum ceiling distance (1050mm - 1560mm), 360-degree rotation, and tilt adjustment from 0° to -15°.

5. OPERATION

The MC-580 mount allows for flexible positioning of your television.

- **Height Adjustment:** The pole length can be adjusted between 105 cm and 156 cm. To adjust, loosen the locking mechanism on the pole, slide to the desired height, and re-secure.
- **Tilt Adjustment:** The TV mounting plate can be tilted from +15° to -15°. Loosen the tilt adjustment knob or lever, set the desired angle, and tighten to secure.
- **Rotation:** The entire TV assembly can be rotated 360 degrees around the pole. This allows for easy adjustment of viewing direction.



Figure 5: Detail of the tilt adjustment mechanism. This image highlights the lever used to adjust and secure the tilt angle of the television.

6. MAINTENANCE

Regular maintenance ensures the longevity and safety of your TV mount.

- **Periodic Inspection:** Every few months, check all screws and connections to ensure they are tight and secure.
- **Cleaning:** Wipe the mount with a soft, dry cloth. Avoid abrasive cleaners or solvents that could damage the finish.
- **Damage Check:** If any part of the mount appears damaged or worn, discontinue use and contact support for replacement parts or advice.

7. TROUBLESHOOTING

If you encounter issues, refer to the following common solutions:

- **Mount feels unstable:**
 - Ensure all ceiling plate fasteners are securely tightened.
 - Verify the ceiling structure can support the weight.
 - Check that the extension pole sections are properly locked.
- **TV is not level:**
 - Adjust the ceiling plate or the TV mounting plate to achieve a level position.
 - Ensure the TV is centered on the mounting plate.
- **Difficulty adjusting tilt or rotation:**
 - Loosen the respective locking knobs or levers before attempting to adjust.
 - Do not force adjustments; if stiff, check for obstructions or overtightened components.

8. SPECIFICATIONS

| | |
|----------------------------|---|
| Model | MC-580 |
| Brand | Maclean |
| Mounting Type | Ceiling Mount |
| Material | Alloy Steel |
| Compatible TV Sizes | 17" - 37" (or larger if VESA and weight compatible) |

| | |
|------------------------------------|---------------------------------------|
| Maximum Load Capacity | 50 kg (110 lbs) |
| VESA Compatibility | 75x75, 100x100, 200x100, 200x200 mm |
| Adjustable Ceiling Distance | 105 cm to 156 cm (1050mm to 1560mm) |
| Tilt Adjustment | +15° to -15° |
| Axis Rotation | 360° |
| Product Dimensions | 33.86 x 9.06 x 3.54 inches (packaged) |
| Item Weight | 11.57 pounds |

9. WARRANTY & SUPPORT

The Maclean MC-580 TV Ceiling Mount Bracket comes with a **24-month warranty** from the date of purchase.

This warranty covers manufacturing defects under normal use.

For technical support, warranty claims, or inquiries regarding replacement parts, please contact Maclean customer service through their official website or the retailer where the product was purchased. Please have your model number (MC-580) and proof of purchase ready.