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› Maclean Electric Ceiling TV Mount User Manual

Maclean MC-492

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USER MANUAL

INTRODUCTION

Thank you for choosing the Maclean Electric Ceiling TV Mount MC-492. This motorized ceiling mount is designed to provide a space-saving and secure solution for mounting your 23-55 inch LCD, LED, OLED, or QLED television. With its flexible tilt and rotation functions, remote control operation, and Tuya app integration, it offers convenient and optimal viewing angles for various residential or commercial settings.

Please read this manual carefully before installation and operation to ensure safe and proper use of the product. Keep this manual for future reference.

SAFETY INSTRUCTIONS

Always follow these safety precautions to prevent injury or damage to the product:

- Ensure the ceiling structure can safely support the combined weight of the mount and the television. Consult a professional if unsure.
- Do not exceed the maximum load capacity of 30 kg (66 lbs).
- Use only the provided mounting hardware or suitable alternatives for your specific ceiling type.
- Keep children and pets away from the installation area.
- Do not attempt to modify the mount. Any modifications will void the warranty and may cause injury.
- Disconnect power before performing any maintenance or adjustments.
- Avoid pinching cables during installation and operation.
- Operate the mount only within its specified temperature and humidity ranges.

PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation. If any parts are missing or damaged, contact your retailer.



Image: Overview of all parts included in the package. This includes the main motorized ceiling mount, a remote control, a power adapter, and a comprehensive set of mounting hardware such as screws, washers, and wall anchors for different installation needs.

- Motorized Ceiling TV Mount Assembly
- Remote Control
- Power Adapter
- Mounting Hardware Kit (screws, washers, anchors, etc.)
- Installation Template

SPECIFICATIONS



Image: Visual representation of the mount's compatibility, indicating it supports televisions from 23 to 55 inches in size and has a maximum load capacity of 30 kilograms.

Feature	Description
Brand	Maclean
Model	MC-492
Mounting Type	Ceiling Mount
Movement Type	Motorized, Tilttable
Screen Size Compatibility	23 - 55 inches
Maximum Load Capacity	30 kg (66 lbs)
Tilt Range	0° to -75°
Horizontal Adjustment	±3°

Feature	Description
VESA Compatibility	Up to 400x400 mm
Material	Metal (Powder Coated)
Color	Black
Control	Remote Control, Tuya App

Dimensions (mm)

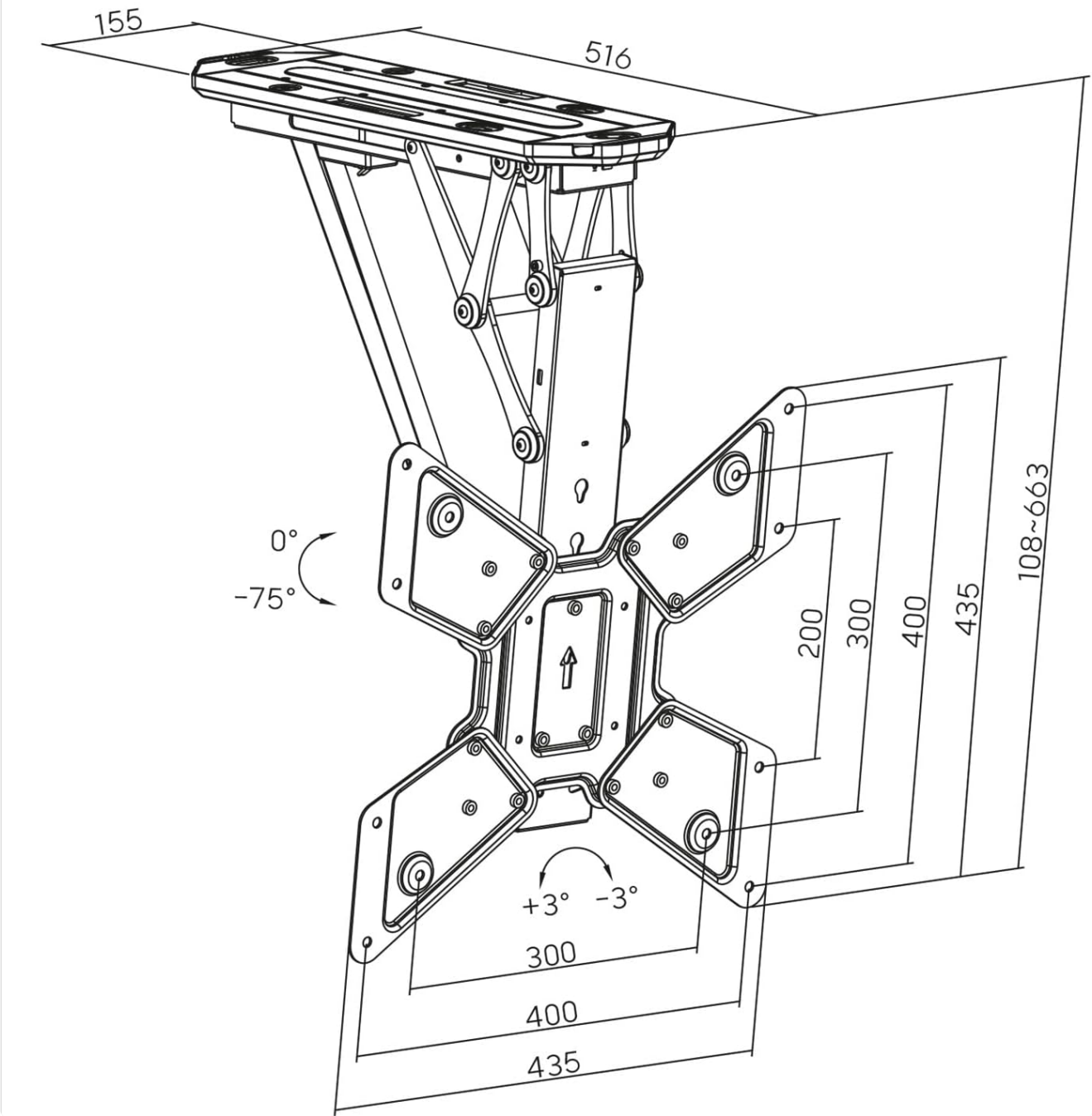


Image: Detailed technical drawing illustrating the dimensions of the mount in millimeters, including the overall length, width, height range (108-663mm), and the VESA mounting hole patterns (e.g., 200x200, 300x300, 400x400). It also shows the tilt range from 0 to -75 degrees and horizontal adjustment of ± 3 degrees.

SETUP AND INSTALLATION

Proper installation is crucial for the safety and performance of your TV mount. Follow these steps carefully.

1. Prepare the Installation Area

1. Identify the exact location on the ceiling where you want to install the mount. Ensure it is a solid, load-bearing structure (e.g., concrete, wood studs).
2. Use a stud finder to locate ceiling joists if installing into wood.
3. Mark the drilling points using the provided installation template.



Image: A side profile view of the motorized ceiling mount in its fully retracted, flat position against the ceiling. This illustrates the compact design and how it appears when the TV is not lowered for viewing.

2. Mount the Ceiling Plate

1. Drill pilot holes at the marked locations. The size of the drill bit will depend on your ceiling material and the type of anchors/screws used.
2. Secure the ceiling plate of the mount to the ceiling using the appropriate screws and anchors. Ensure it is firmly attached and level.



Image: A detailed close-up of the mount's internal components, highlighting the sturdy metal construction and the integrated straps for cable management. This view provides insight into the mechanical design that allows for smooth motorized movement.

3. Attach TV Brackets to Television

1. Identify the correct VESA mounting holes on the back of your television.
2. Attach the TV mounting brackets to the back of your television using the appropriate screws and spacers from the hardware kit. Ensure they are securely fastened.

4. Hang Television onto Mount

1. Carefully lift the television and hook the attached TV brackets onto the main mount assembly.
2. Secure the television to the mount using the safety screws or locking mechanisms provided.



Image: The complete Maclean Electric Ceiling TV Mount assembly, with the TV mounting plate extended downwards. The image also features the included remote control and a smartphone screen showing the Tuya smart home application, indicating the dual control options for the mount.

5. Connect Power

1. Connect the power adapter to the mount and then plug it into a suitable power outlet.
2. Manage cables neatly using the integrated cable management straps to prevent interference with the mount's movement.

OPERATING INSTRUCTIONS

The Maclean Electric Ceiling TV Mount can be controlled via the included remote control or the Tuya Smart app.

Using the Remote Control



Image: This image illustrates the motorized tilt functionality of the mount, showing the TV screen tilting from a flat 0-degree position down to a -75-degree angle. The remote control and the Tuya app interface are also displayed, highlighting the convenient control options for adjusting the viewing angle.

- **Up/Down Buttons:** Press the up or down arrow buttons to extend or retract the TV mount.
- **Tilt Adjustment:** The mount automatically tilts as it extends. The tilt range is from 0° (flat against ceiling) to -75° (fully extended and tilted).
- **Memory Functions (MEM1, MEM2):**
 - To save a position: Adjust the mount to your desired position, then press and hold either MEM1 or MEM2 until the mount briefly moves or beeps, indicating the position is saved.
 - To recall a position: Simply press MEM1 or MEM2 to move the mount to the saved position.
- **SET Button:** Used for initial setup or resetting memory positions (refer to specific instructions in the full manual for advanced settings).
- **OK Button:** Confirms selections or stops movement.

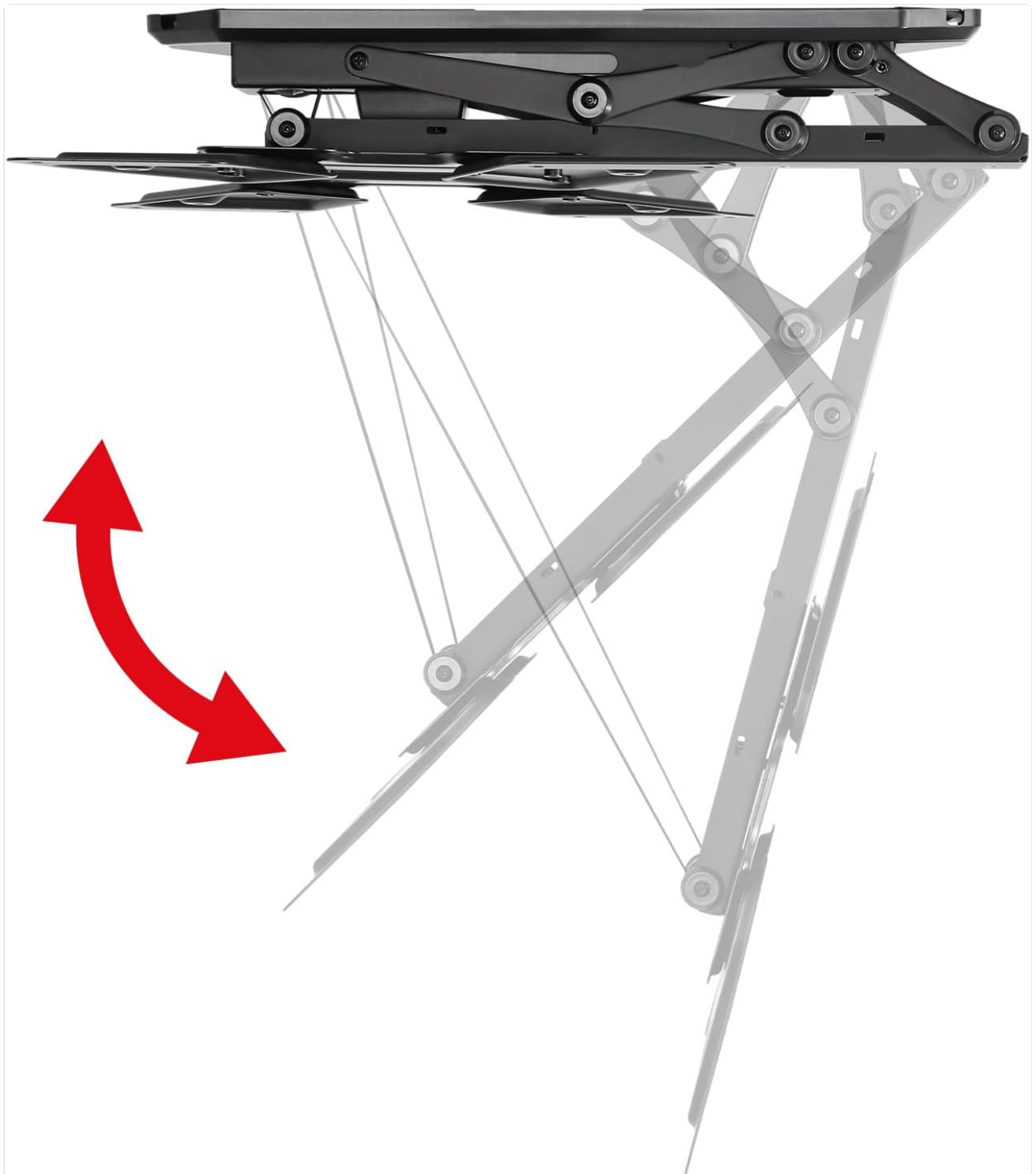


Image: A visual representation of the mount's smooth, motorized tilting action. The image shows the mount transitioning from its horizontal, retracted position to a downward-tilted viewing angle, demonstrating its dynamic movement capability.

Using the Tuya Smart App

- Download the "Tuya Smart" app from your smartphone's app store (iOS or Android).
- Register or log in to your Tuya account.
- Add the device: Follow the in-app instructions to add your Maclean Electric Ceiling TV Mount. This typically involves putting the mount into pairing mode (refer to the full manual for specific pairing steps) and connecting it to your Wi-Fi network.
- Once connected, you can control the mount's extension, retraction, and access memory positions directly from your smartphone or tablet.

MAINTENANCE

Regular maintenance ensures the longevity and smooth operation of your TV mount.

- **Cleaning:** Wipe the mount with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check all screws and connections to ensure they are tight and secure.
- **Movement Check:** Operate the mount through its full range of motion occasionally to ensure smooth operation. Listen for any unusual noises.
- **Cable Management:** Ensure cables are not frayed or pinched. Re-secure them if necessary.

TROUBLESHOOTING

If you encounter issues, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Mount does not move.	No power. Remote control battery low/dead. Motor overload protection activated.	Check power connection. Replace remote control batteries. Disconnect power for 5 minutes, then reconnect.
Remote control not responding.	Batteries dead/incorrectly inserted. Remote not paired. Obstruction between remote and mount.	Replace batteries, check polarity. Refer to full manual for pairing instructions. Ensure clear line of sight.
Mount makes unusual noises.	Loose screws. Obstruction in mechanism.	Check and tighten all mounting screws. Inspect for any foreign objects. Do not force movement.
Tuya app cannot connect to mount.	Wi-Fi issue. Mount not in pairing mode. Incorrect app setup.	Check Wi-Fi signal and router. Follow app's pairing instructions carefully. Re-add device in Tuya app.

WARRANTY AND SUPPORT

Maclean products are manufactured with high-quality materials and undergo strict quality control. This product is covered by a standard manufacturer's warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the warranty card included with your product or contact your local retailer.

For technical support, troubleshooting assistance, or spare parts, please contact Maclean customer service through their official website or the contact information provided with your purchase.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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