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## Stellar Mounts TILT2025\_100150805

# Stellar Mounts Ultra Slim Tilt TV Wall Mount Bracket User Manual

Model: TILT2025\_100150805

## INTRODUCTION

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Thank you for choosing the Stellar Mounts Ultra Slim Tilt TV Wall Mount Bracket. This manual provides essential instructions for safe installation, operation, and maintenance of your new TV mount. Please read this manual thoroughly before installation to ensure correct setup and to prevent damage or injury. Keep this manual for future reference.

## SAFETY INFORMATION

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**WARNING:** Failure to read and follow all instructions may result in personal injury, property damage, or voiding of warranty. If you do not understand these instructions or have doubts about the safety of the installation, please contact a qualified installer.

- This product is designed for installation on wood stud walls, solid concrete walls, or brick walls. Do not install on drywall alone.
- Ensure the mounting surface can safely support the combined weight of the equipment and all attached hardware.
- Do not exceed the maximum weight capacity of 165 lbs (75 kg).
- Use only the mounting hardware provided. Do not use screws that are too long or too short.
- Always use a stud finder to locate wall studs accurately.
- Wear appropriate safety gear during installation, including eye protection.
- This product contains small items that could be a choking hazard if swallowed. Keep away from children.

## PACKAGE CONTENTS

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Verify that all components are present and undamaged before beginning installation. If any parts are missing or defective, contact Stellar Mounts customer support.

- Wall Plate Assembly
- TV Brackets (2x)
- Hardware Kit (various screws, washers, spacers, anchors)
- Built-in Bubble Level
- Quick-Release Straps
- Instruction Manual



Image: Overview of the Stellar Mounts TV wall mount bracket components and retail packaging.

## TOOLS REQUIRED (NOT INCLUDED)

- Pencil
- Phillips Head Screwdriver
- Electric Drill
- Stud Finder
- Measuring Tape
- Socket Wrench (for lag bolts)

## SETUP AND INSTALLATION INSTRUCTIONS

Before you begin, ensure your TV's weight and VESA pattern are compatible with this mount. This mount supports TVs from 43" to 100" and up to 165 lbs (75 kg).

### Step 1: Pre-Installation Checks

1. **Check TV Weight and Size:** Confirm your TV is between 43"-100" and weighs no more than 165 lbs (75 kg).
2. **Check VESA Pattern:** Locate the four mounting holes on the back of your TV. Measure the horizontal and vertical distance between these holes (center to center). This is your VESA pattern. Ensure it falls within the range of 50x50mm to 900x600mm.
3. **Identify Wall Type:** Determine if your wall is wood stud, solid concrete, or brick. Different hardware and drilling techniques are required.

# Versatile

**Perfect for large displays.**

TV Size: **43" - 102"**  
Max Load: **165 lbs**

**Compatible for VESA**

Min: **50 x 50mm**  
Max: **900 x 600mm**



The image contains several visual elements: 1. A stack of three large flat-screen TVs showing a beach scene, with a white double-headed arrow indicating their size range. 2. A black square icon with four white dots and the word 'VESA' in the center, with a vertical double-headed arrow above it and a horizontal double-headed arrow below it. 3. A close-up of the back of a TV showing the four mounting holes, with green double-headed arrows indicating the horizontal and vertical distances between them.

Image: Visual guide for TV size, maximum load capacity, and VESA mounting pattern compatibility.

### Step 2: Locate Wall Studs (for Wood Stud Walls)

1. Use a stud finder to locate the edges and center of two adjacent wood studs where you intend to mount the TV.

2. Mark the center of the studs with a pencil. The wall plate supports stud spacing of 406 mm (16 inches), 450 mm (17.7 inches), or 600 mm (23.6 inches).

### Step 3: Mark and Drill Pilot Holes

1. Hold the wall plate against the wall at your desired height and align the mounting holes with the marked stud centers. Use the built-in bubble level to ensure it is perfectly horizontal.
2. Mark the drilling locations through the wall plate holes with a pencil.
3. **For Wood Stud Walls:** Drill pilot holes using a 7/32" (5.5mm) drill bit to a depth of approximately 2.2" (55mm).
4. **For Solid Concrete/Brick Walls:** Drill pilot holes using a 3/8" (10mm) drill bit to a depth of approximately 2.4" (60mm). Insert concrete anchors into the drilled holes until they are flush with the wall surface.

### Step 4: Attach Wall Plate to Wall

1. Align the wall plate with the pilot holes.
2. Secure the wall plate to the wall using the provided lag bolts and washers. Tighten the lag bolts firmly with a socket wrench until the wall plate is securely fastened. Do not overtighten.

### Step 5: Attach TV Brackets to TV

1. Carefully place your TV face down on a soft, clean surface.
2. Select the appropriate TV screws, washers, and spacers from the hardware kit that fit your TV's VESA mounting holes.
3. Attach the two TV brackets to the back of your TV, ensuring they are centered and level. The hooks on the brackets should face upwards.

### Step 6: Mount TV to Wall Plate

1. With assistance, carefully lift the TV with the attached brackets and hook them onto the top edge of the wall plate.
2. Gently lower the TV until the brackets are fully seated on the wall plate.
3. Pull the quick-release straps located at the bottom of the TV brackets to engage the locking mechanism, securing the TV to the wall plate. Ensure both straps are engaged.



Image: The Stellar Mounts TV bracket installed, showcasing its low-profile design with a television.

## OPERATING INSTRUCTIONS

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### Adjusting the Tilt Angle

This mount allows for a tilt adjustment of  $+5^{\circ}$  to  $-10^{\circ}$  to reduce glare and optimize viewing angles.

- To adjust the tilt, gently push or pull the bottom of the TV to achieve the desired angle. The friction-based mechanism will hold the TV in place.
- Ensure the TV is stable after adjustment.

# Dimensions

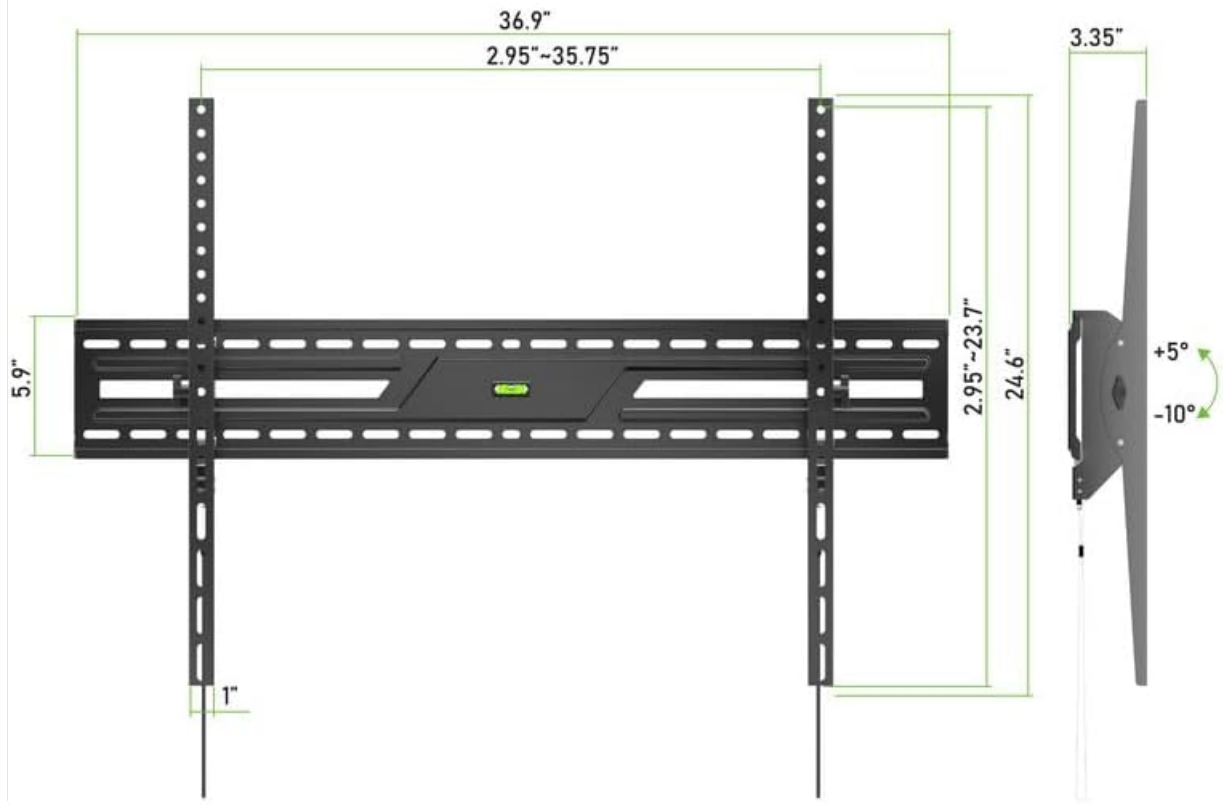


Image: Detailed dimensions of the mount, including its 10-degree tilt capability.

## MAINTENANCE

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- Periodically check all screws and connections to ensure they remain tight and secure.
- Clean the mount with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- Do not hang objects from the mount or TV.

## TROUBLESHOOTING

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- **TV is not level:** Ensure the wall plate was installed level using the built-in bubble level. If the wall plate is level, check if the TV brackets are attached evenly to the TV. Minor adjustments can sometimes be made by slightly loosening and re-tightening the TV bracket screws.
- **TV feels unstable:** Immediately remove the TV from the mount. Re-check all wall plate lag bolts and TV bracket screws for tightness. Ensure the quick-release straps are fully engaged. Verify the wall type and stud location.
- **Difficulty tilting the TV:** Ensure no cables are obstructing the tilting mechanism. The tilt mechanism is designed to hold its position, requiring a firm but gentle push or pull.

## SPECIFICATIONS

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<b>Model Number</b>	TILT2025_100150805
<b>Brand</b>	Stellar Mounts
<b>Mounting Type</b>	Wall Mount
<b>Movement Type</b>	Tilt
<b>Material</b>	Cold-Rolled Steel
<b>Color</b>	Black
<b>TV Size Compatibility</b>	43" - 100"
<b>Maximum Weight Capacity</b>	165 lbs (75 kg)
<b>VESA Compatibility</b>	50x50mm to 900x600mm
<b>Tilt Angle</b>	+5° to -10°
<b>Profile from Wall</b>	3.3" (8.4 cm)
<b>Wall Plate Dimensions</b>	Approx. 36.9" (W) x 5.9" (H)
<b>Stud Spacing Support</b>	406 mm (16"), 450 mm (17.7"), 600 mm (23.6")
<b>Item Weight</b>	6.25 pounds

## WARRANTY AND SUPPORT

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Stellar Mounts provides a limited warranty for this product against defects in materials and workmanship under normal use. For specific warranty terms, conditions, and duration, please refer to the warranty card included in your package or visit the official Stellar Mounts website.

For technical assistance, missing parts, or any questions regarding your Stellar Mounts product, please contact our customer support team:

- **Website:** [www.stellarmounts.com](http://www.stellarmounts.com) (example link, replace if actual URL is known)
- **Email:** [support@stellarmounts.com](mailto:support@stellarmounts.com) (example email)