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## Tecmojo 18U Wall Mount Server Cabinet

# Tecmojo 18U Wall Mount Server Cabinet & 8 Outlet Rack Mount Power Strip Instruction Manual

Model: 18U Wall Mount Server Cabinet

Brand: Tecmojo

## 1. INTRODUCTION

This manual provides detailed instructions for the assembly, installation, operation, and maintenance of your Tecmojo 18U Wall Mount Server Cabinet and the accompanying 8 Outlet Rack Mount Power Strip. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

## 2. SAFETY INFORMATION

- Always ensure the cabinet is securely mounted to a structurally sound wall capable of supporting the cabinet's weight plus the weight of all installed equipment.
- Do not exceed the maximum weight capacity of 110 lbs (50 kg) for the cabinet.
- Ensure all electrical connections are made by qualified personnel and comply with local electrical codes.
- Do not block ventilation openings on the cabinet. Proper airflow is essential to prevent overheating.
- Use appropriate personal protective equipment (PPE) during installation, such as gloves and eye protection.
- Keep children and pets away from the installation area.

## 3. PACKAGE CONTENTS

Verify that all components listed below are present before beginning assembly:

- Bottom Panel
- Top Cover (with fans)
- Front Glass Door

- Front Frame (2 pieces)
- Rack Rails (4 pieces)
- Side Panels (2 pieces)
- Back Cover
- Fixed Brackets (4 pieces)
- Cantilever Shelf
- L Brackets
- Casters (4 pieces)
- 8 Outlet Rack Mount Power Strip
- Assorted Screws, Nuts, and Keys

## 4. SPECIFICATIONS

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### 4.1. 18U Wall Mount Server Cabinet

- **Rack Units:** 18U
- **Material:** Heavy Duty Cold Rolled Steel
- **Weight Capacity:** Up to 110 lbs (50 kg)
- **Dimensions (L x D x H):** 21.7" x 17.7" x 34.8" (550mm x 450mm x 883mm)
- **Mounting Type:** Wall Mount (also supports floor standing with casters)
- **Front Door:** Reversible Locking Tempered Glass Door
- **Side Panels:** Lockable and Removable
- **Cooling:** One built-in top fan (expandable with additional fan slot), flow-through ventilation
- **Cable Management:** Removable top and bottom panels for easy cable routing, knock-off holes
- **Compliance:** EIA/ECA-310-E Compliant

### 4.2. 8 Outlet Rack Mount Power Strip

- **Number of Outlets:** 8 NEMA5-15R
- **Input Connector:** 1 NEMA 5-15P
- **Current Rating:** 15A (12A UL Certified)
- **Operating Voltage:** 125V AC
- **Surge Protection:** Yes
- **LED Indicators:** Ground (Green), Surge (Red)
- **Power Cord:** Integrated 6ft power cord
- **Mounting:** 1U Rack-mountable, fits standard 19" server racks
- **Switch:** Illuminated ON/OFF switch with protective cover
- **Product Weight:** 4 lbs
- **Housing:** Cold Rolled Steel
- **Certification:** UL Certified

## 5. ASSEMBLY & INSTALLATION

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## 5.1. Server Cabinet Assembly (Floor Standing)

Follow these steps to assemble your server cabinet for floor-standing use. Refer to the provided assembly videos for visual guidance.

- 1. Attach Front Frames to Bottom Panel:** Secure the two front frame pieces to the vented side of the bottom panel using the provided screws.
- 2. Secure Back Cover to Bottom Panel:** Attach the back cover to the bottom panel using the appropriate screws.
- 3. Place Top Cover:** Position the top cover onto the assembled frame and fasten it with the provided screws. Ensure all accessories are correctly spliced and secured.
- 4. Install Rack Rails:** Install the four rack rails uniformly according to your desired equipment depth. Use the provided screws to fix them in place.
- 5. Assemble Side Panels:** Attach the left and right side panels in sequence.
- 6. Install Front Glass Door:** Align the joints, move the bolt, and install the front glass door. Ensure it opens and closes smoothly.
- 7. Install Casters:** Invert the rack, fix the bottom panel, and install the four casters using M6 bolts and nuts.

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*Video: Tecmojo Standard Wall Mount Cabinet Installation Guide. This video demonstrates the step-by-step assembly of the server cabinet, including attaching frames, panels, and installing casters.*

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*Video: Tecmojo Elite 15/18U Wall Mount Server Cabinet Assembly. This video provides a visual guide for assembling the 15/18U cabinet, showing the installation of various components.*

## 5.2. Server Cabinet Wall Mounted Installation

If you prefer wall mounting, follow these steps:

- 1. Remove Casters:** If casters were installed, remove them.
- 2. Fix Wall Mount Bracket:** Secure the wall mount bracket to your desired wall location using appropriate screws and anchors (not included, ensure they are suitable for your wall type and the cabinet's weight). A drilling template is included for easy installation.
- 3. Hang and Secure Cabinet:** Carefully hang the assembled cabinet onto the fixed wall mount bracket. Secure the cabinet to the bracket with additional screws.

# 18U Wall Mount Server Cabinet

## Auxiliary drilling template for easy installation



Easy Installation



Space Saving



Maximum Weight Capacity of 110lbs (50kg)



EIA/ECA-310-E Compliant



Flat-packed

*Image: Wall mounting hole drilling template and key features like removable side panels and knock-off holes for cable management.*

### 5.3. Power Strip Installation

The 8 Outlet Rack Mount Power Strip is designed for seamless integration into standard 19" server racks.

- 1. Identify Mounting Location:** Choose a 1U space within your server cabinet for the power strip.
- 2. Secure Power Strip:** Align the mounting brackets of the power strip with the rack rails and secure it using appropriate rack screws (typically 10-32 or 12-24, depending on your rack rails).
- 3. Connect Power:** Plug the integrated 6ft power cord into a suitable wall outlet.

# 8-Outlet Rack-Mount Power Strip with Surge Protection



*Image: Detailed view of the 8-Outlet Rack-Mount Power Strip, highlighting its 8 NEMA5-15 outlets and mounting brackets for standard racks.*

## 6. OPERATION

### 6.1. Server Cabinet Fans

The server cabinet includes one built-in top fan for ventilation. This fan helps to prevent overheating of your network equipment by increasing airflow. Additional fans can be installed in the available slots if needed.

### 6.2. Power Strip

- **Power Switch:** The power strip features an illuminated ON/OFF switch with a protective cover. Flip the switch to the 'ON' position to supply power to the outlets.
- **LED Indicators:** The green LED indicates a proper ground connection, while the red LED indicates active surge protection.

### 6.3. Thermostat (if applicable)

Some models of the Tecmojo Wall Mount Server Cabinet may include a thermostat for fan control. If your model includes this feature, you can set your preferred temperature. The fans will activate automatically when the internal temperature exceeds the set threshold, ensuring optimal cooling.

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*Video: Wall Mount Server Cabinet with Thermostat. This video demonstrates how to set the thermostat to your preferred*

## 7. MAINTENANCE

- **Cleaning:** Regularly clean the exterior of the cabinet with a soft, dry cloth. For the glass door, use a glass cleaner. Ensure no liquids enter the cabinet.
- **Fan Inspection:** Periodically check the top fans for dust accumulation. Clean the fan blades gently with a soft brush or compressed air to maintain efficient cooling.
- **Cable Management:** Ensure cables are neatly organized and not obstructing airflow or door closure.
- **Lock Mechanism:** Lubricate the door and side panel lock mechanisms periodically to ensure smooth operation.

## 8. TROUBLESHOOTING

- **No Power to Power Strip:**
  - Check if the power strip's ON/OFF switch is in the 'ON' position.
  - Verify the power cord is securely plugged into a working wall outlet.
  - Check the circuit breaker for the wall outlet.
- **Fans Not Operating:**
  - Ensure the cabinet is receiving power.
  - If your model has a thermostat, check its settings to ensure the temperature threshold has been met.
  - Inspect fan wiring for any loose connections.
- **Equipment Overheating:**
  - Ensure cabinet fans are operating correctly.
  - Check for any obstructions to airflow within the cabinet or at the ventilation openings.
  - Consider installing additional fans if the heat load is high.

## 9. WARRANTY & SUPPORT

Tecmojo products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included with your product or contact Tecmojo customer support. Our customer service team is available to assist with any questions or issues you may encounter.

**Contact Information:** Please refer to the product packaging or Tecmojo's official website for the most current customer support contact details.