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Tecmojo 11110204

Tecmojo 15U Wall Mount Rack Network Cabinet

Model: 11110204

Introduction

This manual provides comprehensive instructions for the assembly, operation, and maintenance of your Tecmojo 15U Wall Mount Rack Network Cabinet. Designed for 19-inch IT equipment, this cabinet offers a secure and organized solution for your networking needs. Please read these instructions carefully before installation and use to ensure proper functionality and safety.

Product Specifications



Image: Overview of the Tecmojo 15U Wall Mount Rack Network Cabinet, highlighting key specifications and dimensions.

Specification	Detail
Brand	Tecmojo
Model Number	11110204
Color	Black
Product Dimensions (D x W x H)	17.7"D x 21.7"W x 29.5"H
Rack Units (U)	15U
Material	High Quality Cold Rolled Steel
Weight Capacity	Up to 110 lbs (50 kg)
Mounting Type	Wall Mount

Inner Mountable Depth	14.2 inches
Compliance	PCI, HIPPA, EIA/ECA-310-E

Key Features

- **Sturdy Construction:** Made of high-quality cold-rolled steel, supporting up to 110 lbs for durable IT equipment housing.
- **Ventilation and Security:** Features one built-in top fan and flow-through ventilation to prevent overheating. The tempered glass front door and side panels are lockable to prevent unauthorized access.
- **Easy Equipment Configuration:** Includes fully adjustable mounting rails with numbered U positions and square holes for straightforward equipment mounting. Top and bottom punch-out panels facilitate cable access.
- **Convenient Design:** The front door is reversible, allowing installation on either side. Removable top and bottom panels aid in cable management. Compact dimensions (21.65"L x 17.72"D x 29.53"H) and 16-inch apart mounting holes accommodate standard stud placement.
- **Safety & Compliance:** Designed to be PCI, HIPPA, and EIA/ECA-310-E compliant for server rack cabinet standards.

Setup and Installation

Follow these steps for proper assembly and installation of your Tecmojo Wall Mount Rack Network Cabinet.

1. Unpacking and Component Check



Image: All components included in the package, such as 10-32 screws, cage nuts, keys, and the cooling fan.

Carefully unpack all components and verify against the packing list. Ensure all parts, including 25 x 10-32 screws, 25 x 10-32 cage nuts, 2 x keys, and 1 x fan, are present and undamaged.

2. Cabinet Assembly

The cabinet requires some assembly. Refer to the following video for a visual guide on the assembly process:

▶ **Watch video online**
Tecmojo Standard Series Assembly Introduction A

Video: Tecmojo Standard Series Assembly Introduction A. This video demonstrates the step-by-step assembly of the cabinet frame and components.

Another helpful assembly video:

▶ **Watch video online**
Tecmojo Wall Mount Cabinet Assembly Introduction

Video: Tecmojo Wall Mount Cabinet Assembly Introduction. This video provides an additional guide for assembling the wall mount cabinet.

1. **Assemble the Frame:** Connect the base and top panels to the side frames using the provided hex screws. Ensure all connections are secure.
2. **Install Rack Rails:** Attach the vertical rack rails to the inside of the frame using the machine screws and nuts. The rails are versatile and can be square or tapped. Adjust their depth as needed for your equipment.
3. **Attach Side Panels:** Secure the removable side panels to the cabinet frame.
4. **Install Front Door:** Mount the tempered glass front door. The door is reversible; choose the desired swing orientation before final installation. Ensure the small black washer (often zip-tied to the door) is placed on the bottom pin for proper door closure.
5. **Install Locks:** Install the locks for the front door and side panels. Note that a silver part with a 90-degree bend is required for the door lock mechanism to provide a flat surface for installation. Ensure lock bars on side panels are assembled with the bend facing away from the lock for proper latching.
6. **Install Cooling Fan:** Mount the included cooling fan in the designated top panel opening.

3. Wall Mounting



Image: The included mounting hole drilling template, showing 16-inch spacing for stud placement.

1. **Select Location:** Choose a sturdy wall location, preferably where wall studs are present. The cabinet's mounting holes are 16 inches apart to accommodate standard stud placement.
2. **Use Template:** Utilize the provided mounting hole drilling template. Pin it to the wall, ensuring it is level and square.
3. **Drill Pilot Holes:** Drill pilot holes at the marked locations on the template.
4. **Mount Cabinet:** Securely mount the cabinet to the wall using appropriate hardware (not included, as wall types vary).

Operating Instructions

Accessing Equipment

- **Front Door:** Use the provided key to unlock the tempered glass front door. The door can be opened to access the front of your mounted equipment.

- **Side Panels:** The side panels are removable and lockable. Unlock and remove them to access the sides of your equipment for wiring or maintenance.

Cable Management

- **Top and Bottom Panels:** Utilize the removable top and bottom punch-out panels for routing cables into and out of the cabinet.
- **Internal Routing:** Organize cables within the cabinet using cable ties or other management accessories (not included) to maintain airflow and prevent interference.

Cooling System

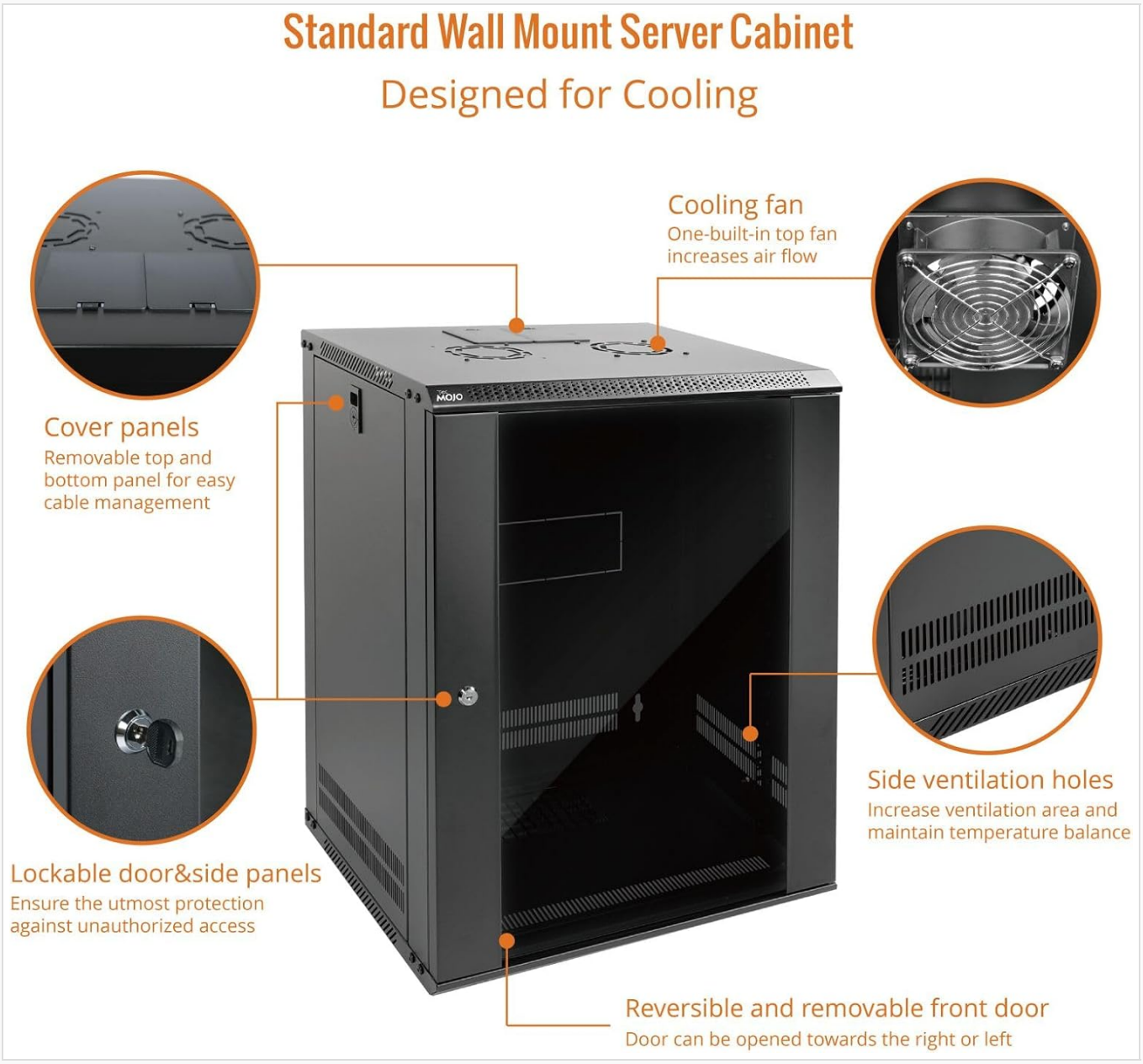

Image: Detail of the built-in top fan and side ventilation holes, designed to increase airflow and prevent overheating.

- The cabinet includes a built-in top fan to facilitate airflow and prevent overheating of your IT equipment. Ensure the fan is connected to a power source and operating correctly.
- Side ventilation holes further aid in maintaining a balanced internal temperature.

Maintenance

- **Cleaning:** Regularly wipe down the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners. For the

glass door, use a standard glass cleaner.

- **Fan Check:** Periodically inspect the cooling fan for dust accumulation. Clean the fan blades gently with compressed air or a soft brush to ensure optimal airflow.
- **Lock Mechanism:** Lubricate the lock mechanisms annually with a graphite-based lubricant to ensure smooth operation.
- **Hardware Inspection:** Periodically check all screws and fasteners to ensure they remain tight and secure, especially after moving or reconfiguring equipment.

Troubleshooting

Problem	Possible Cause	Solution
Cooling fan not operating.	Not connected to power, power supply issue, or fan malfunction.	Ensure the fan is properly plugged into a working power outlet. Check the power source. If still not working, contact support for a replacement.
Front door does not close or latch properly.	Missing or incorrectly placed washer on the bottom hinge pin, misaligned door, or lock mechanism issue.	Verify the small black washer is on the bottom hinge pin. Adjust door alignment if necessary. Inspect the lock mechanism for obstructions or damage.
Side panel locks do not engage.	Lock bars incorrectly installed or bent.	Ensure the lock bars are installed with the bend facing away from the lock, allowing them to properly latch onto the frame.
Difficulty mounting equipment to rails.	Incorrect rail depth adjustment or incompatible equipment.	Adjust the depth of the mounting rails to match your equipment. Ensure your equipment is 19-inch rack-mountable.

Warranty Information

The Tecmojo 15U Wall Mount Rack Network Cabinet comes with a**3-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.
For specific warranty terms and conditions, please refer to the documentation included with your product or contact Tecmojo customer support.

Customer Support

If you encounter any issues or have questions regarding your Tecmojo 15U Wall Mount Rack Network Cabinet that are not addressed in this manual, please contact Tecmojo customer support.
You can typically find support contact information on the official Tecmojo website or through your purchase platform.
For additional resources and product information, visit theTecmojo Official Store.

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