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Tecmojo 15U/23.6in Depth/Glass Door

Tecmojo 15U Wall Mount Rack Instruction Manual

Model: 15U/23.6in Depth/Glass Door

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Tecmojo 15U Wall Mount Rack. Please read this manual thoroughly before proceeding with installation to ensure proper setup and safe operation of your equipment.
The Tecmojo 15U Wall Mount Rack is designed for housing 19-inch network, server, and AV equipment, offering a secure and organized solution for your IT infrastructure.

Safety Information

Always observe the following safety precautions:

- Ensure the rack is securely mounted to a structurally sound wall or placed on a stable floor surface.
- Do not exceed the maximum weight capacity: 176 lbs for wall-mounted, 350 lbs for floor-mounted.
- Distribute equipment weight evenly within the rack.
- Use appropriate lifting techniques when handling heavy equipment.
- Ensure proper ventilation to prevent overheating of equipment.
- Keep all doors and side panels locked to prevent unauthorized access.

Product Components

Verify that all components are present before beginning assembly.



Figure 1: Included Components. This image displays the various parts included with the Tecmojo 15U Wall Mount Rack, such as the instruction manual, cooling fans, casters, keys, L-wrench, 10-32 screws, and 10-32 cage nuts.

Included Hardware and Accessories

Item	Quantity
10-32 Screw	26
10-32 Cage Nut	26
L Wrench	1
Fan	2

Item	Quantity
Key	2
Caster	4

Setup and Installation

The Tecmojo 15U Wall Mount Rack can be installed as a freestanding unit with casters or mounted to a wall. Follow the steps below for assembly and installation.

1. Unpacking and Initial Inspection

- Carefully remove all components from the packaging.
- Inspect all parts for any damage that may have occurred during shipping. Contact customer support immediately if any damage is found.
- Ensure all listed components are present.

2. Assembly Overview

For a visual guide to the assembly process, please refer to the official product video:

Your browser does not support the video tag.

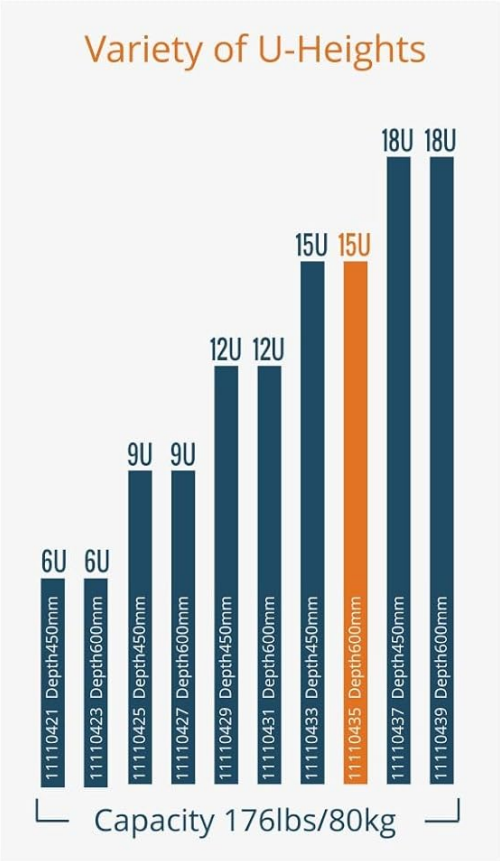
Video 1: Tecmojo Elite 15/18U Wall Mount Server Cabinet Assembly. This video provides a step-by-step visual guide for assembling the Tecmojo Elite Wall Mount Server Cabinet, including installing the back panel, side panels, and front glass door.

3. Rack Features and Dimensions



Figure 2: Cabinet Depth Measurements. This image illustrates the exterior depth of 23.6 inches and a maximum rail depth of 21.3 inches for the 15U network cabinet.

SPECIFICATIONS





15U Rack Space	Material: Heavy Duty Cold Rolled Steel
Reversible Locking Glass Door	Dimensions: 23.6"Lx23.6"Dx30.3"H
EIA/ECA-310-E Compliant	Weight Capacity: 176lbs (wall), 350lbs (floor)

Figure 3: Overall Dimensions and Capacity. This image provides a visual representation of the rack's height (30.3 inches / 770mm), depth (23.6 inches / 600mm), and length (23.6 inches / 600mm), along with its 176 lbs (80 kg) capacity.



Figure 4: Key Features. This image highlights important features such as the top and bottom brush panels for cable management, two cooling fans, lockable door and side panels, and casters with brakes.

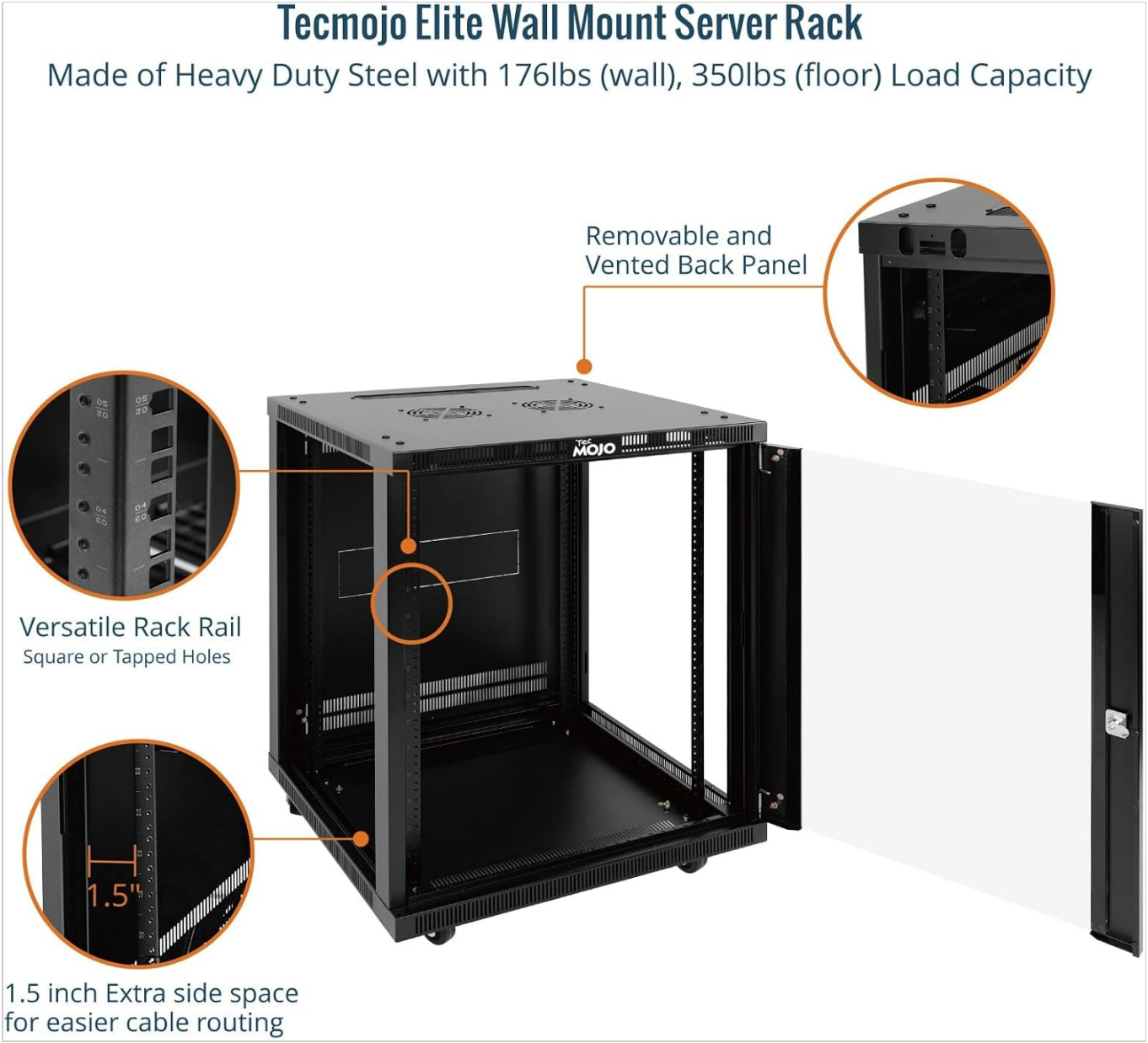


Figure 5: Internal Rack Features. This image details the removable and vented back panel, versatile rack rails with square or tapped holes, and 1.5 inches of extra side space for easier cable routing.

4. Wall Mounting (Optional)

If wall mounting, ensure the wall can support the rack's weight plus the weight of all installed equipment. Use appropriate wall anchors and hardware (not included) suitable for your wall type.

- Mark the desired mounting points on the wall.
- Drill pilot holes and install appropriate wall anchors.
- Secure the rack to the wall using suitable mounting hardware.

5. Installing Casters (Optional, for Freestanding Use)

If using the rack as a freestanding unit, attach the four casters to the bottom of the rack using the provided screws. Ensure the casters with brakes are positioned for easy access.

6. Installing Equipment

- Install your 19-inch rack-mountable equipment using the provided 10-32 screws and cage nuts.
- Distribute the weight of your equipment evenly from bottom to top to maintain stability.
- Utilize the 1.5-inch extra side space and brush panels for efficient cable management.

Operation

1. Cooling System

The rack is equipped with two top-mounted cooling fans to ensure optimal airflow and prevent equipment overheating. Ensure the fans are connected to a power source and operating correctly.

2. Security

The front glass door and side panels are lockable. Use the provided keys to secure your equipment and prevent unauthorized access.

3. Cable Management

Utilize the top and bottom brush panels for organized cable routing. This helps maintain airflow and reduces clutter within the cabinet.

Maintenance

- **Cleaning:** Regularly clean the exterior of the rack with a soft, damp cloth. Avoid abrasive cleaners.
- **Fan Inspection:** Periodically check the cooling fans for dust buildup and ensure they are functioning properly. Clean fan blades if necessary to maintain efficient cooling.
- **Hardware Check:** Periodically inspect all screws and mounting hardware to ensure they remain tight and secure.
- **Door and Panel Locks:** Ensure locks operate smoothly and keys are kept in a safe place.

Troubleshooting

1. Overheating Equipment

- Ensure both cooling fans are operational and free from obstructions.
- Verify that the rack is not placed in an area with restricted airflow.
- Check that equipment within the rack is not blocking ventilation paths.

2. Rack Instability

- If wall-mounted, re-check the security of the wall anchors and mounting hardware.
- If freestanding, ensure casters are locked and the rack is on a level surface.
- Verify that the total weight of equipment does not exceed the rack's capacity.

3. Difficulty Locking Doors/Panels

- Ensure the door or panel is properly aligned before attempting to lock.
- Check for any obstructions preventing the lock mechanism from engaging.

Specifications

Attribute	Detail
Brand	Tecmojo

Attribute	Detail
Model	15U/23.6in Depth/Glass Door
Color	Black
Product Dimensions (D x W x H)	23.6"D x 23.6"W x 30.3"H
Material	Alloy Steel (Cold-rolled steel with powder-coated finish)
Number of Items	1 (Rack unit)
Compatible Devices	19-inch Network, Server, and AV Gear
Mounting Type	Wall Mount, Floor Standing (with casters)
Weight Capacity (Wall-mounted)	176 lbs
Weight Capacity (Floor-mounted)	350 lbs
Item Weight	78 pounds
Maximum Mounting Depth	21.3"
Cooling	2 Top-mounted fans
Door Type	Glass Door

Warranty Information

This Tecmojo 15U Wall Mount Rack comes with a **3-Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, please contact Tecmojo customer support.

Customer Support

If you have any questions, require assistance with installation, or need to report an issue, please contact Tecmojo customer support. You can typically find contact information on the official Tecmojo website or through your purchase platform.
For more information, visit the Tecmojo Official Store on Amazon.

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