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- > Tecmojo /
- > Tecmojo 12U Open Frame Network Rack Instruction Manual

Tecmojo 12U Open Frame Network Rack

Tecmojo 12U Open Frame Network Rack Instruction Manual

Comprehensive guide for assembly, installation, and usage of your Tecmojo 12U Open Frame Network Rack.

PRODUCT OVERVIEW

The Tecmojo 12U Open Frame Network Rack is designed for organizing IT and AV equipment in various environments. It offers versatile mounting options, including floor standing and wall mounting, and is constructed from durable cold rolled steel to ensure stability and high load-bearing capacity.

KEY FEATURES

- **Powerful Load-bearing:** Constructed from durable cold rolled steel. Wall-mounted capacity of 130lbs, ground-mounted up to 260lbs.
- **Considerate Designs:** Open-frame layout with a top panel for added space, anti-slip shelf stops, and compatible racks for stacking and expansion.
- **Complete Accessories:** Includes a 12U open frame server rack, two ventilated shelves, four shelf stops, four velcro straps, and a set of equipment mounting screws.
- **Versatile Application:** Ideal for space-efficient multi-device setups in warehouses, retail, classrooms, offices, and more. Suitable as an AV Rack or IT Rack.
- **Effortless Setup:** Comes with hardware, a comprehensive manual, mounting hole drilling template, and an online assembly video to simplify setup.

PACKAGE CONTENTS

Verify that all components are present before beginning assembly.



Image: All components included in

the Tecmojo 12U Open Frame
Network Rack package.

- 1 x 12U Open Frame Server Rack (Main Frame Components)
- 2 x 1U 14-inch Ventilated Rack Shelves
- 4 x Shelf Stops
- 4 x Velcro Straps
- 1 x Set of Equipment Mounting Screws (10-32 Screw x 25)
- 1 x L Wrench
- 4 x Rack Shelf Back Supports
- 4 x M5*30 Wall Mounting Screws
- 1 x Mounting Hole Drilling Template
- 1 x Instruction Manual

SPECIFICATIONS

Product Dimensions	20.15"D x 20.47"W x 21.02"H (51.2cm D x 52.0cm W x 53.4cm H)
Item Weight	28.6 pounds (12.97 kg)
Rack Units	12U
Material	Alloy Steel (Cold Rolled Steel)
Color	Black
Ground-Mounted Load Capacity	Up to 260 lbs (117.9 kg)
Wall-Mounted Load Capacity	Up to 130 lbs (59 kg)
Frame Type	Open Frame, Wall Mount or Floor Standing
Compliance	EIA/ECA-310-E Compliant

ASSEMBLY AND SETUP

Follow these steps to assemble your Tecmojo 12U Open Frame Network Rack. An electric driver is recommended for faster assembly.

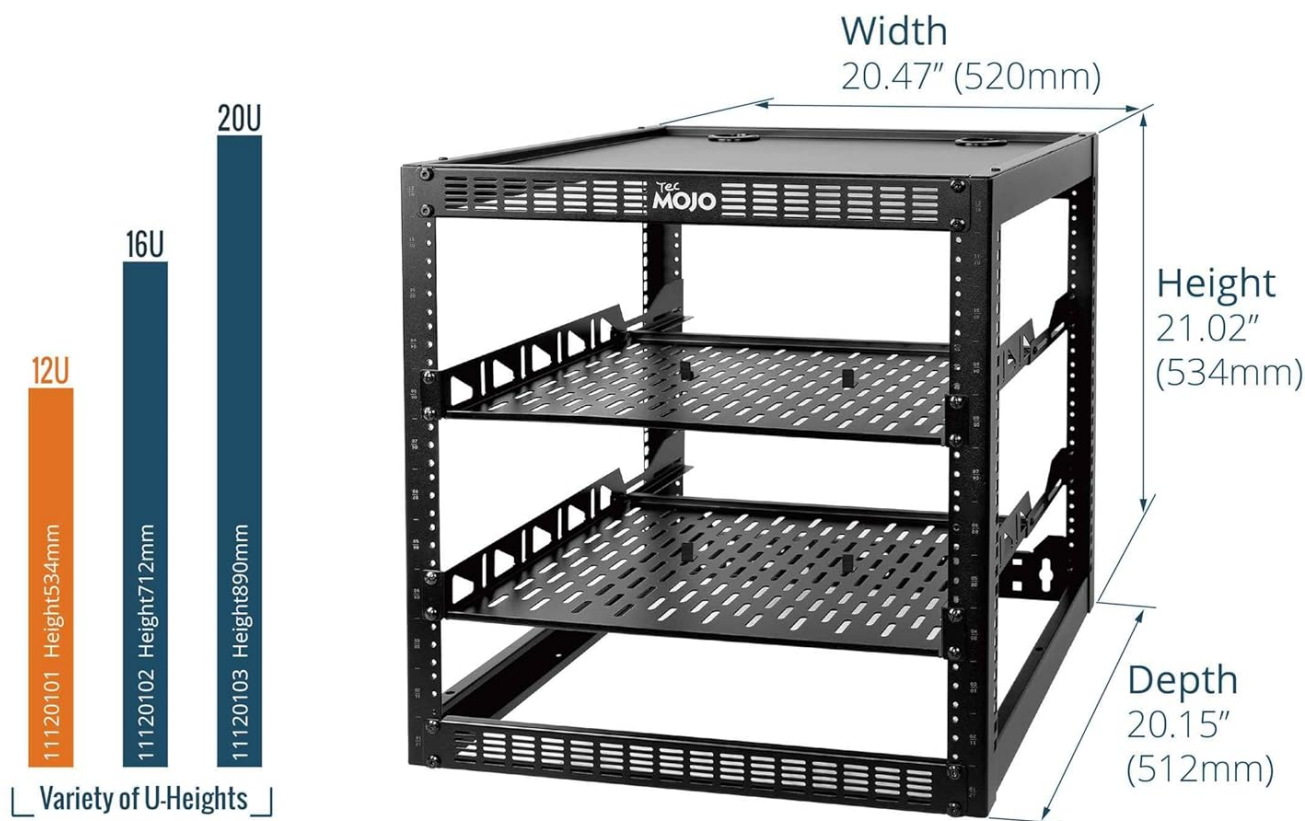
Step 1: Assemble the Main Frame

Attach the front and rear beams to the side frames using the M6 Butter Head Hex Screws. Ensure the front and rear beams are installed in the same direction, with the "Tec Mojo" logo facing outwards on the front beam.

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Video: Visual guide for assembling the main frame of the Tecmojo network rack.

SPECIFICATIONS



12U Rack Space	Dimensions: 20.47"Wx20.15"Dx21.02" H
Frame Type : Wall Mount Rack	Weight Capacity:260lbs (floor), 130lbs (wall)
Material : Cold Rolled Steel	EIA/ECA-310-E Compliant

Image: Detailed dimensions and specifications of the Tecmojo 12U rack, including width, height, and depth.

Step 2: Install the Top Cover

Place the top cover onto the assembled frame and secure it with the M4.4 screws. The top cover adds rigidity and provides cable pass-through grommet holes for organized cable management.

12U Wall Mount AV Rack with 2 Vented Shelves

Maximized Shelf Load Capacity Reinforced by Innovative Back Support

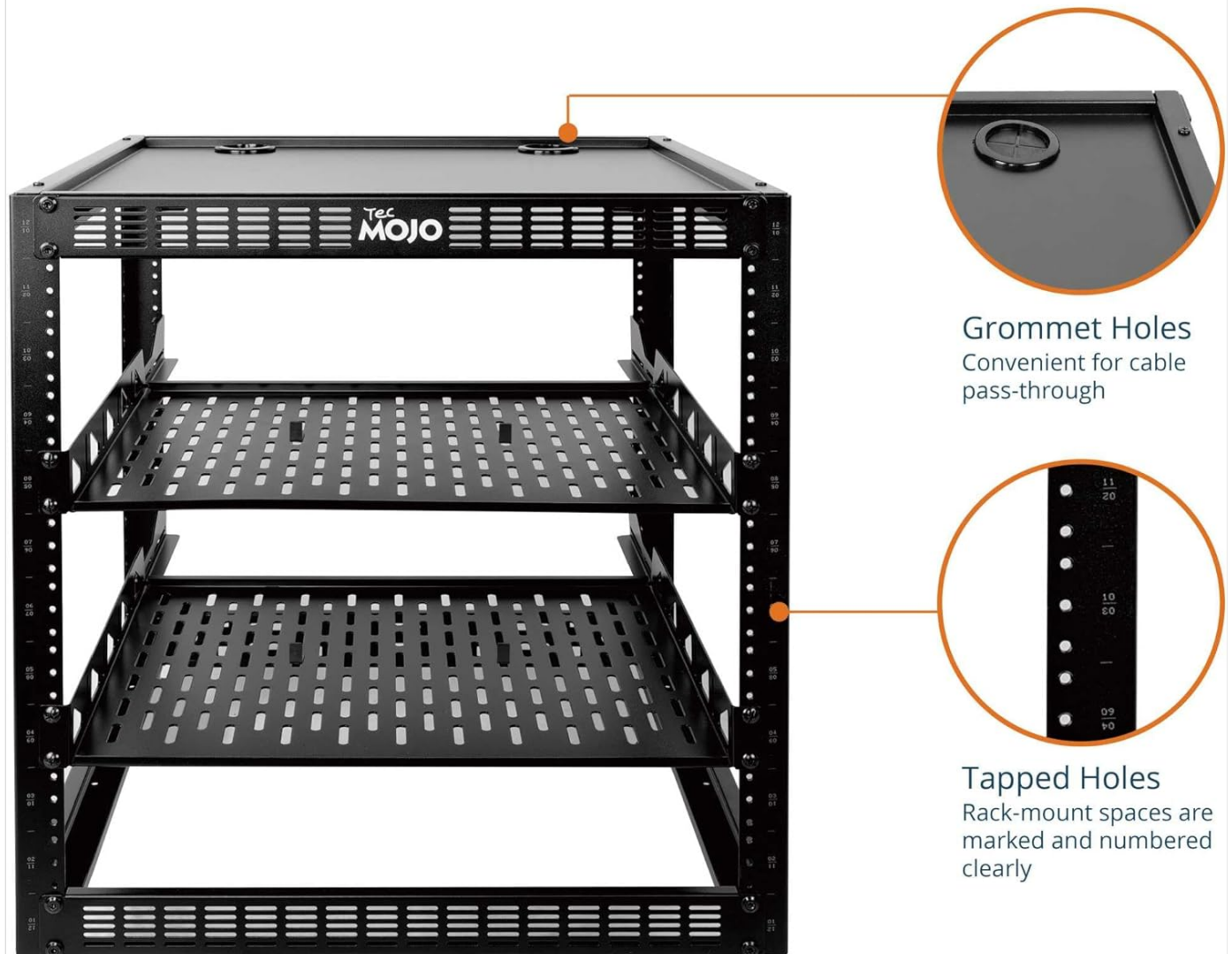


Image: Top cover with cable grommet holes and numbered rack-mount spaces for easy equipment installation.

Step 3: Install Rack Shelves and Shelf Stops

Insert the two ventilated rack shelves into the desired U-positions. Secure them using the provided shelf stops and rack shelf back supports to prevent equipment from sliding and enhance stability.

Wall Mount Rack for Servers and AV Devices

Made of Cold Rolled Steel with Large Load Capacity



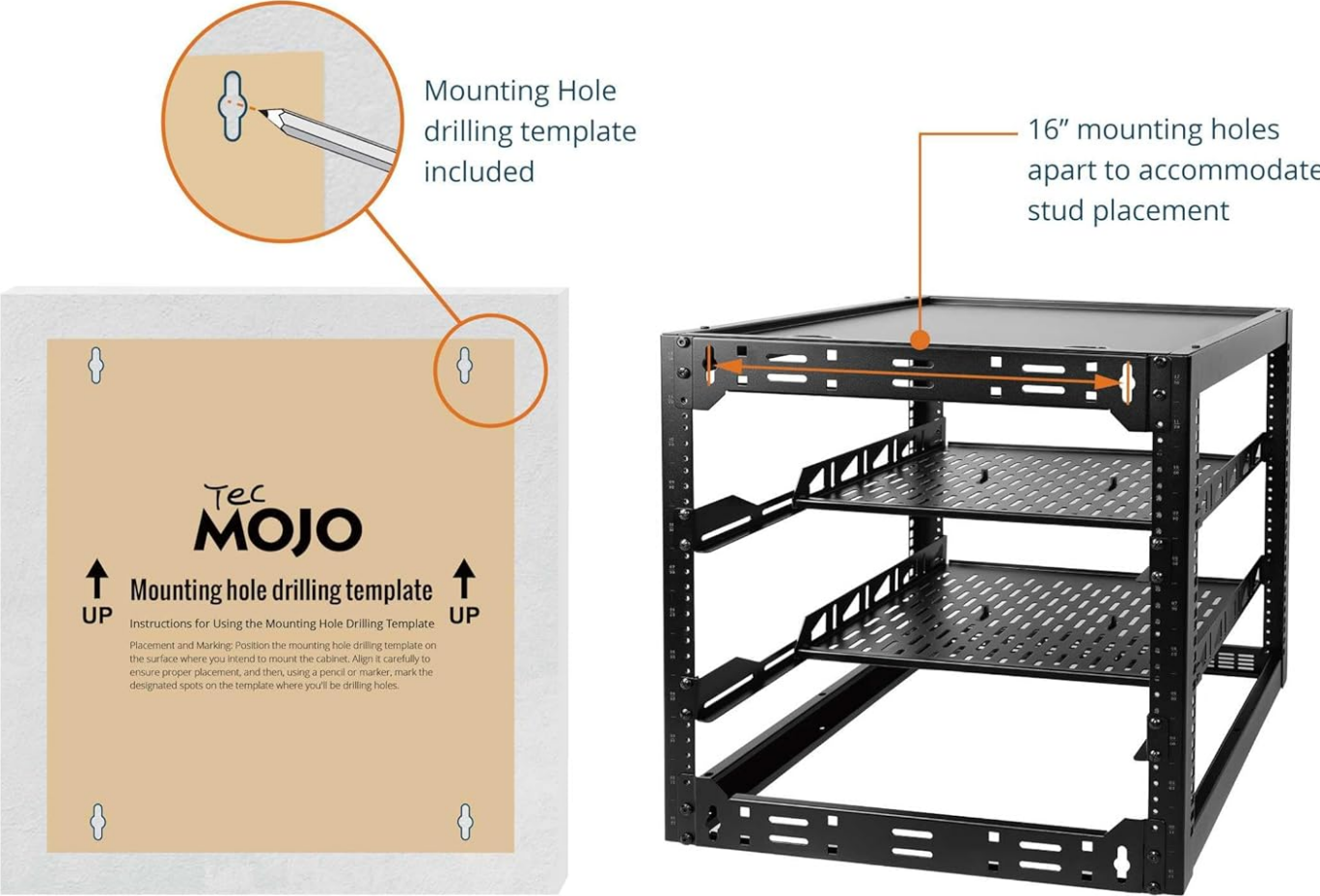
Image: Rack with shelves, highlighting anti-slip shelf stops and back supports for secure equipment placement.

Step 4: Choose Mounting Option (Floor Standing or Wall Mounted)

The rack can be used as a floor-standing unit or mounted to a wall. For floor standing, attach the leveling feet to the bottom of the rack. For wall mounting, use the provided mounting hole drilling template and M5*30 wall mounting screws. Ensure proper reinforcement for wall mounting, especially for heavier loads.

Versatile Mounting Options

Standalone or Wall-Mounted AV Rack for Diverse Setups



High Quality	Easy Installation	Space Saving	EIA/ECA-310-E Compliant	Flat-packed

Image: Mounting hole drilling template for easy wall installation and a view of the assembled rack.

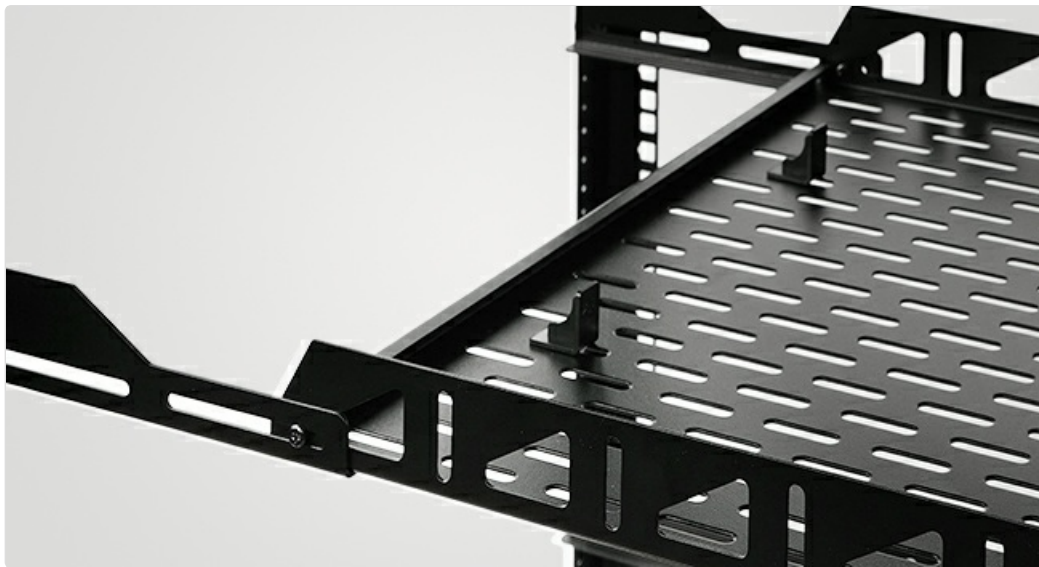


Image: Load capacity details for both ground-mounted (260lbs) and wall-mounted (130lbs) configurations.

OPERATING AND USAGE

Once assembled, the Tecmojo 12U Open Frame Network Rack provides a robust solution for organizing your 19-inch rack-mountable equipment. The open frame design promotes excellent airflow, crucial for preventing overheating of network and AV devices.

- **Equipment Installation:** Mount your 19-inch networking, audio, and video devices directly into the rack using the provided equipment mounting screws. The numbered U-spaces assist in precise placement.
- **Cable Management:** Utilize the top panel's grommet holes and included velcro straps to route and secure cables, maintaining a tidy and efficient setup.
- **Shelf Utilization:** Place non-rack-mountable equipment, such as modems, routers, or small servers, on the ventilated shelves. Use the anti-slip shelf stops to keep them secure.



Image: An example of a fully equipped Tecmojo 12U rack with networking and AV gear, demonstrating effective organization.

MAINTENANCE

To ensure the longevity and optimal performance of your Tecmojo Network Rack and the equipment housed within it, regular maintenance is recommended:

- **Cleaning:** Periodically wipe down the rack with a soft, dry cloth to remove dust. For stubborn dirt, a slightly damp cloth can

be used, followed by immediate drying.

- **Screw Tightness:** Over time, screws may loosen. Periodically check all assembly screws and equipment mounting screws to ensure they are securely tightened.
- **Cable Management:** Review cable routing and re-secure any loose cables to prevent strain and maintain airflow.
- **Ventilation:** Ensure that the open frame design is not obstructed, allowing for maximum airflow to prevent equipment overheating.

TROUBLESHOOTING

If you encounter issues during assembly or use, consider the following:

- **Rack Stability:** If the rack feels wobbly, re-check all screws for tightness. For floor-standing units, ensure leveling feet are properly adjusted on an even surface. For wall-mounted units, verify secure attachment to wall studs or appropriate anchors.
- **Equipment Fit:** Ensure your equipment is 19-inch rack-mountable. If a device does not fit, check its dimensions against standard rack unit measurements.
- **Missing Parts:** Refer to the "Package Contents" section. If any parts are missing, contact Tecmojo customer support.
- **Overheating Equipment:** Ensure adequate space around equipment for airflow. The open frame design is intended to maximize ventilation; avoid blocking vents on devices.

WARRANTY AND SUPPORT

For warranty information, technical support, or to inquire about replacement parts, please visit the official Tecmojo website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Note: This product is from a small business brand.

