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Garvee 20U

Garvee 20U Network Rack Instruction Manual

Model: 20U

1. Introduction

This manual provides detailed instructions for the assembly, installation, operation, and maintenance of your Garvee 20U Network Rack with Casters. This heavy-duty open frame rack is designed to organize IT and AV equipment efficiently in various environments, offering both floor-standing and wall-mounted installation options.

2. Safety Information

Please read and understand all safety instructions before assembly and use. Failure to follow these instructions may result in injury or damage to the product or equipment.

- **Weight Capacity:** Do not exceed the maximum weight capacity of 500 lbs for floor-standing use or 150 lbs for wall-mounted use. Distribute weight evenly.
- **Assembly:** Ensure all fasteners are securely tightened during assembly. Loose connections can compromise stability.
- **Wall Mounting:** If wall-mounting, ensure the wall structure can safely support the rack's weight plus the weight of all installed equipment. Use appropriate hardware for your wall type. Professional installation is recommended for wall mounting.
- **Moving the Rack:** When moving the rack with casters, ensure all equipment is securely fastened and cables are managed to prevent snagging. Move slowly and carefully.
- **Pinch Points:** Be aware of potential pinch points during assembly and when adjusting equipment.

3. Package Contents

Verify that all components are present before beginning assembly. If any parts are missing or damaged, please contact customer support.

- Garvee 20U Network Rack Frame Components
- 2 x 1U Rack Shelves
- Casters (4 units)
- Mounting Hardware (screws, nuts, washers)
- Instruction Manual (this document)

- Drilling Template (for wall mounting)

4. Setup and Assembly

Assembly of the Garvee 20U Network Rack is required. Follow the steps below for proper construction and installation.

4.1 Unboxing and Component Identification

Before starting, lay out all components and compare them against the package contents list. The following video provides a visual guide to the unboxing process.

▶ **Watch video online**

Unboxing this network rack!

Video: Unboxing the Garvee Network Rack. This video demonstrates the contents of the package and initial component identification.

4.2 Rack Assembly

Assemble the rack frame using the provided hardware. Ensure all connections are tight for stability. The design includes four vertical steel bars cross-installed at the bottom joints for enhanced stability.

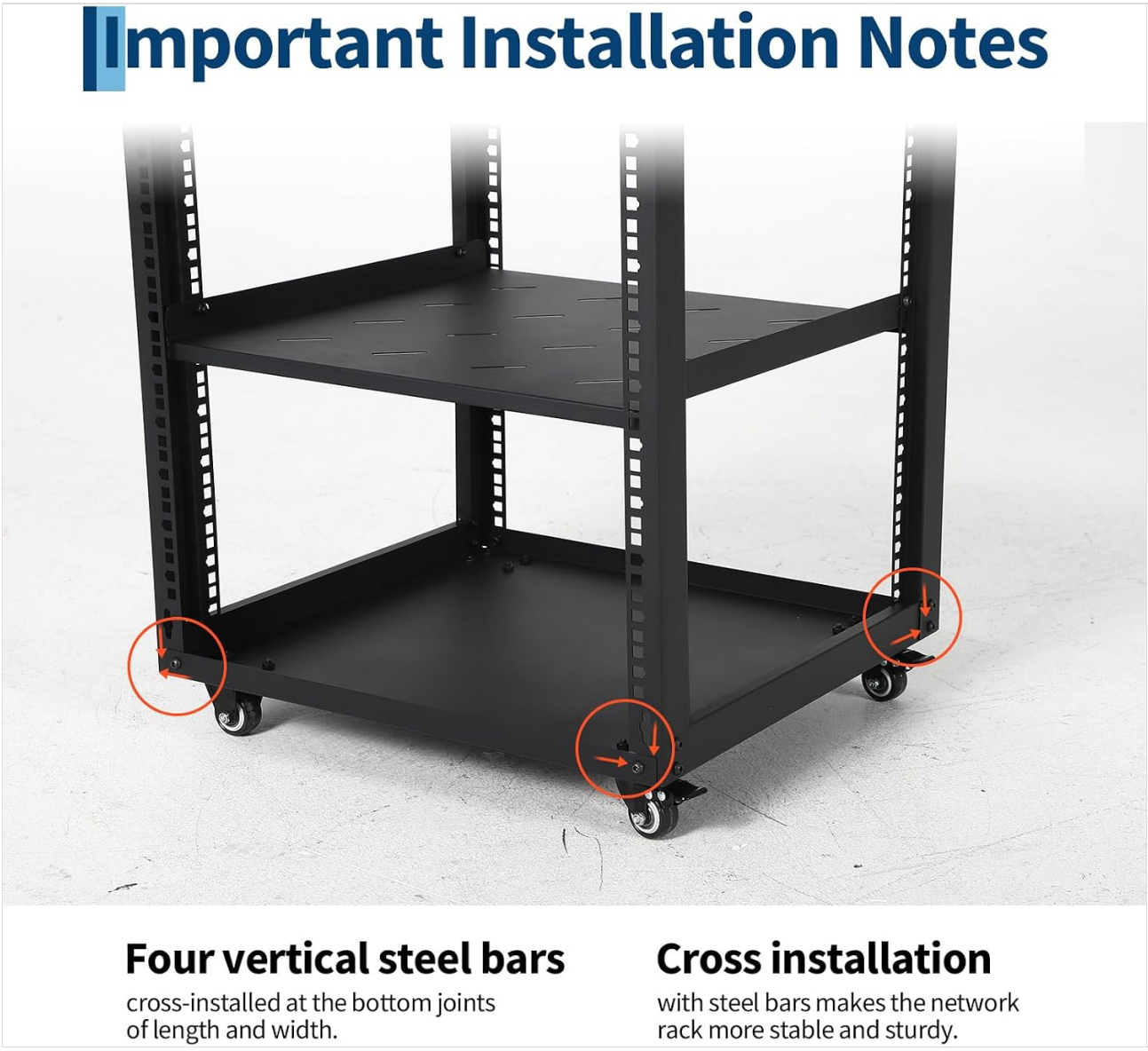

Image: Detailed view of the rack's base, highlighting the four vertical steel bars and cross-installation for stability.

4.3 Installation Options: Floor Standing or Wall Mounted

The Garvee 20U Network Rack offers flexibility for installation as either a floor-standing unit or a wall-mounted cabinet.

Floor Standing Installation

Attach the included casters to the base of the rack for easy mobility. Ensure casters are locked when the rack is in its final position to prevent unintended movement. The floor-standing configuration supports up to 500 lbs.

Wall Mounted Installation

For wall mounting, use the provided drilling template to mark the mounting points. Securely attach the rack to a sturdy wall using appropriate wall-mounting hardware (not all wall-mounting hardware may be included, depending on wall type). The wall-mounted configuration supports up to 150 lbs.



Image: Illustration of the maximum load capacities for both floor-standing (500 lbs) and wall-mounted (150 lbs) installations.



Image: Features for organized storage, including holes for cable routing, high-quality steel, and dedicated wall mount holes.

5. Operating Instructions

Once assembled and installed, the Garvee 20U Network Rack is ready for use. Its open frame design provides easy access to equipment.

5.1 Installing Equipment

Mount your 19-inch rack-mountable IT and AV equipment onto the rack rails using appropriate cage nuts and screws (not included unless specified with your equipment). The rack includes two 1U shelves for non-rack-mountable devices.

5.2 Cable Management

Utilize the open frame design and any integrated cable routing features to manage cables neatly. Proper cable management improves airflow, simplifies maintenance, and prevents accidental disconnections.



Image: The Garvee 20U rack with network switches, routers, and other equipment, demonstrating effective cable organization.



Image: Examples of the Garvee network rack integrated into various settings, showcasing its ability to maintain a tidy space.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your network rack.

- **Cleaning:** Wipe down the rack with a soft, dry cloth to remove dust. For stubborn dirt, use a slightly damp cloth and mild detergent, then dry thoroughly. Avoid abrasive cleaners.
- **Fastener Check:** Periodically inspect all screws and bolts to ensure they remain tight. Re-tighten as necessary.
- **Caster Inspection:** If using casters, check them for debris or damage and ensure they roll smoothly and lock effectively.
- **Load Distribution:** Verify that equipment weight is evenly distributed to prevent stress on the rack frame.

7. Troubleshooting

This section addresses common issues you might encounter with your network rack.

- **Rack is Wobbly:** Ensure all assembly screws are fully tightened. Check that the rack is on a level surface. If casters are used, ensure they are locked.
- **Equipment Not Fitting:** Verify that your equipment is 19-inch rack-mountable. Ensure you are using the correct cage nuts and screws for mounting.
- **Difficulty Moving Rack:** Check casters for obstructions or damage. Ensure caster locks are disengaged before attempting to move.

8. Specifications

Feature	Detail
Brand	Garvee
Model Number	20U
Product Dimensions (D x W x H)	18"D x 19"W x 36"H
Item Weight	38.6 Pounds
Mounting Type	Floor Mount, Wall Mount
Weight Capacity (Floor Stand)	500 Pounds
Weight Capacity (Wall Mount)	150 Pounds
Compatible Devices	Server, Network Switches, AV Gear
Assembly Required	Yes
Material	Heavy-Duty Steel



Image: Visual representation of the Garvee 20U rack dimensions and examples of compatible equipment.

9. Warranty and Support

9.1 Warranty Information

The Garvee 20U Network Rack comes with a**30-day manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, misuse, abuse, or unauthorized modifications.

9.2 Customer Support

For technical assistance, missing parts, or warranty claims, please contact Garvee customer support through the retailer where the product was purchased or visit the official Garvee website for contact information.

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