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› HUANUO Triple Monitor Mount User Manual

HUANUO HNTS3B

HUANUO Triple Monitor Mount User Manual

Model: HNTS3B | Brand: HUANUO

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient installation, operation, and maintenance of your HUANUO Triple Monitor Mount. Designed for optimal workspace utilization and ergonomic comfort, this mount supports three monitors ranging from 17 to 32 inches, each weighing between 4.4 lbs and 17.6 lbs. It features gas spring arms for smooth adjustments, allowing for swivel, tilt, and rotation to achieve your preferred viewing angles.

Please read this manual thoroughly before installation and retain it for future reference.



Image 1.1: HUANUO Triple Monitor Mount supporting three displays.

2. SAFETY INFORMATION

To ensure safe installation and operation, please observe the following precautions:

- Do not exceed the maximum weight capacity of 17.6 lbs (8 kg) per arm. Overloading can cause instability and potential damage.
- Ensure your desk surface is sturdy enough to support the combined weight of the mount and all attached monitors.
- Verify that your monitors have VESA mounting holes (75x75mm or 100x100mm) before installation.
- Perform all adjustments slowly and carefully.
- Keep children and pets away from the installation area.
- If any parts are missing or damaged, do not proceed with installation. Contact customer support immediately.

3. PACKAGE CONTENTS

Please check that all components are present and undamaged before beginning installation. The package typically includes:

- Main Pole Assembly

- Monitor Arms (3x)
- VESA Plates (3x)
- C-Clamp Base
- Grommet Base Components
- Hardware Kit (screws, washers, spacers for VESA mounting)
- Cable Management Clips
- Hex Keys / Allen Wrenches

4. SPECIFICATIONS

Feature	Specification
Model Number	HNTS3B
Compatible Monitor Size	17 to 32 inches
Weight Capacity per Arm	4.4 lbs - 17.6 lbs (2 kg - 8 kg)
VESA Compatibility	75x75mm, 100x100mm
Product Dimensions	17 x 12 x 7 inches (approximate)
Item Weight	16.87 pounds (7.65 kg)
Material	Alloy Steel
Movement Type	Swivel, Tilt, Rotation
Maximum Arm Reach	56 inches
Desk Thickness (C-Clamp)	0.39 - 3.15 inches
Desk Thickness (Grommet)	0.39 - 2.36 inches
Grommet Hole Diameter	0.39 - 0.8 inches

HOLDS TRIPLE 32" DISPLAYS



Monitor Size
17"-32"



Max Load
17.6 lbs per arm



VESA Patterns
75x75 & 100x100mm



Image 4.1: Compatibility details for monitor size, weight, and VESA patterns.



Image 4.2: Overall product dimensions and arm reach.

5. SETUP AND INSTALLATION

5.1 Pre-installation Checks

- **Monitor Compatibility:** Ensure your monitors are between 17 and 32 inches and weigh between 4.4 lbs and 17.6 lbs each.
- **VESA Compatibility:** Confirm your monitors have VESA mounting holes of 75x75mm or 100x100mm. If your monitor lacks VESA holes, a VESA adapter (sold separately) may be required.
- **Desk Compatibility:** Measure your desk thickness and check for any edge frames or back panels that might interfere with the clamp or grommet installation.

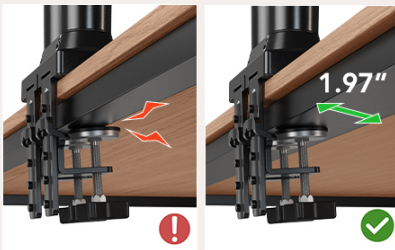


Image 5.1: How to check VESA compatibility on your monitor.



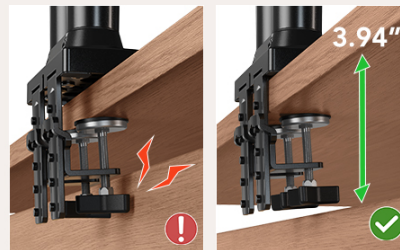
Image 5.2: Confirming monitor weight for compatibility.

CHECK DESK COMPATIBILITY



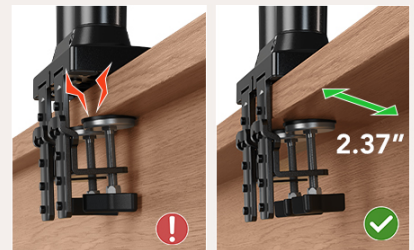
1. Desks with Edge Frames

Ensure frame is at least 1.97" (50mm) wide.



2. Desks with Back Panels

Ensure the gap between the desktop and the panel is at least 3.94" (100mm).



3. Desks with Edge Panels

Ensure the gap between the desktop edge and the panel is at least 2.37" (60mm).

Image 5.3: Checking desk compatibility for C-clamp and grommet mounts.

5.2 Installation Methods

The HUANUO Triple Monitor Mount offers two installation options: C-Clamp and Grommet Mount.

OPTIMIZE YOUR WORKSPACE



Image 5.4: Overview of C-Clamp and Grommet mounting options.

Two Ways to Mount

01

C-Clamp

Desk Thickness

0.39"–3.15"



02

Grommet Hole:

Desk Thickness

0.39"–2.36"

Hole Diameter

0.39"–0.8"



Image 5.5: Detailed dimensions for C-Clamp and Grommet mount compatibility.

5.2.1 C-Clamp Installation

1. Attach the C-clamp base to the main pole.
2. Position the C-clamp on the edge of your desk and tighten the screw until secure. Ensure the desk thickness is between 0.39 and 3.15 inches.
3. Slide the monitor arms onto the main pole and secure them at your desired height.
4. Attach the VESA plates to the back of your monitors using the provided screws.
5. Carefully slide the monitors (with VESA plates attached) onto the arms.

5.2.2 Grommet Mount Installation

1. If your desk has a grommet hole, insert the grommet base components through the hole and secure them from underneath the desk. Ensure the desk thickness is between 0.39 and 2.36 inches and the hole diameter is between 0.39 and 0.8 inches.
2. Attach the main pole to the grommet base.
3. Slide the monitor arms onto the main pole and secure them at your desired height.
4. Attach the VESA plates to the back of your monitors using the provided screws.

5. Carefully slide the monitors (with VESA plates attached) onto the arms.

5.3 Cable Management

Utilize the integrated cable management clips and channels on the arms and pole to route and conceal your monitor cables, maintaining a tidy workspace.



Image 5.6: Effective cable management for a neat setup.

6. OPERATING AND ADJUSTMENTS

The gas spring arms allow for flexible positioning of your monitors. Adjustments should be made smoothly to prevent sudden movements.

6.1 Gas Spring Tension Adjustment

If a monitor sags or rises too easily, the gas spring tension needs adjustment. Use the provided hex key to turn the adjustment screw located on the arm joint:

- Turn clockwise (towards '+') to increase tension for heavier monitors.
- Turn counter-clockwise (towards '-') to decrease tension for lighter monitors.

Adjust gradually until the monitor stays in position when released.

6.2 Monitor Positioning

Each monitor can be independently adjusted:

- **Tilt:** Adjust the monitor screen vertically (+85° to -90°) to reduce glare and optimize viewing angle.
- **Swivel:** Rotate the monitor horizontally (±90°) to share your screen or adjust for different tasks.
- **Rotation:** Rotate the monitor 360° to switch between landscape and portrait orientation.
- **Height:** Adjust the height of the arms along the main pole for ergonomic alignment.

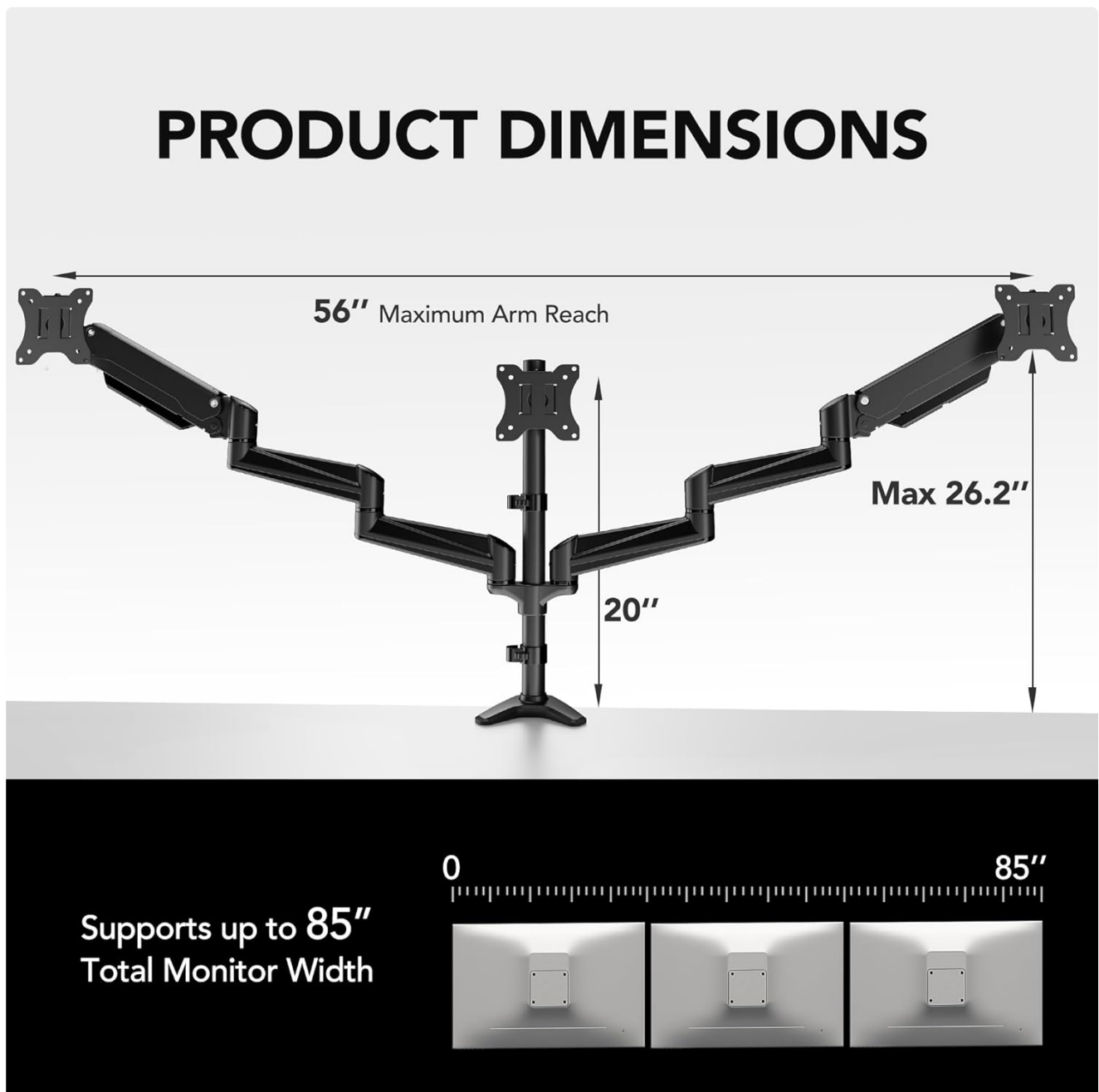


Image 6.1: Demonstrating the full range of motion for monitor adjustments.



Image 6.2: Examples of various screen configurations.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your monitor mount:

- **Cleaning:** Wipe the mount with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Periodic Checks:** Periodically check all screws and connections to ensure they remain tight and secure. Re-tighten if necessary.
- **Gas Spring Adjustment:** Re-adjust gas spring tension if monitors begin to sag or become difficult to move over time.

8. TROUBLESHOOTING

Refer to the table below for common issues and their solutions:

Problem	Possible Cause	Solution
Monitor sags or drops	Gas spring tension is too low for monitor weight.	Increase gas spring tension by turning the adjustment screw clockwise.
Monitor is difficult to move up/down	Gas spring tension is too high for monitor weight.	Decrease gas spring tension by turning the adjustment screw counter-clockwise.
Mount is unstable or wobbles	C-clamp/Grommet mount is not tightened sufficiently; desk is not sturdy enough.	Ensure the C-clamp or grommet mount is securely tightened to the desk. Verify desk stability and thickness.
Monitors are not level	Arms or VESA plates are not aligned.	Adjust the tilt and rotation of individual VESA plates and arms to level the monitors.
Missing parts or damaged components	Manufacturing defect or shipping damage.	Do not proceed with installation. Contact HUANUO customer support for replacement parts.

If the issue persists after attempting these solutions, please contact HUANUO customer support.

9. WARRANTY AND SUPPORT

HUANUO products are designed for durability and performance. For specific warranty details, please refer to the warranty card included with your product or visit the official HUANUO website.

For further assistance, technical support, or inquiries regarding replacement parts, please contact HUANUO customer service:

- **Official Website:** HUANUO Official Store
- **User Manual (PDF):** Download User Manual

- **Installation Manual (PDF):** Download Installation Manual

Please have your product model number (HNTS3B) and purchase information ready when contacting support.