Innovative 7500-HD-1500

Innovative 7500-HD-1500 Heavy Duty Deluxe Flat Panel Radial Arm Instruction Manual

1. PRODUCT OVERVIEW

The Innovative 7500-HD-1500 Heavy Duty Deluxe Flat Panel Radial Arm is designed to provide flexible and ergonomic positioning for your flat panel monitor. This arm allows for effortless adjustment, helping to optimize your workspace and reduce clutter.

Key Features:

- Reposition the monitor with one hand for ease of use.
- Extends up to 27 inches and folds to a compact 3 inches, offering an 18-inch vertical range.
- Monitor tilter mechanism provides over 200 degrees of tilt adjustment.
- Integrated cable management system conceals cables within the arm for a tidy workspace.
- Compatible with all VESA monitors, including 75mm and 100mm VESA mounting plates.

2. PACKAGE CONTENTS

Please verify that all components are present before beginning installation.

- 7500-HD-1500 Radial Arm Assembly
- Desk Mount Clamp or Grommet Mount Hardware (depending on model)
- VESA Mounting Plate (75mm and 100mm compatible)
- Hex Tools for Adjustment
- Fasteners for Monitor Attachment

3. SETUP AND INSTALLATION

Follow these steps carefully to ensure proper and secure installation of your monitor arm.

3.1. Choose Mounting Option

The arm typically supports both desk clamp and grommet mount options. Select the most suitable method for your desk surface. Ensure the mounting surface is sturdy enough to support the arm and your monitor's weight.

3.2. Attach Base to Desk

1. **For Desk Clamp:** Position the clamp on the edge of your desk. Tighten the clamp screw securely until the base is stable and does not wobble.
2. **For Grommet Mount:** Insert the grommet bolt through the pre-drilled hole in your desk. Secure it from underneath with the provided washer and nut.

3.3. Attach Monitor to VESA Plate

The arm is compatible with 75mm and 100mm VESA patterns. Use the appropriate screws to attach your monitor to the VESA mounting plate. Ensure the screws are tightened firmly but do not overtighten.

3.4. Mount Monitor Assembly to Arm

Carefully slide the VESA plate with the attached monitor onto the arm's mounting head. Secure it with any locking mechanisms or screws as indicated in the detailed diagram (refer to product packaging for diagrams).

3.5. Initial Tension Adjustment

The arm's tension may be set very tight from the factory. After mounting your monitor, the arm may appear stuck. To adjust the tension, use the provided hex tool to turn the adjustment screw (usually located on the main arm joint). Turn the screw gradually, making small adjustments, until the arm can support your monitor's weight and move smoothly up and down. It may require several full revolutions to achieve the correct tension. It is recommended to adjust with the arm in a horizontal position for maximum leverage.

Image 1: The Innovative 7500-HD-1500 Heavy Duty Deluxe Flat Panel Radial Arm in use, supporting a monitor on a desk. This image illustrates the arm's design and how it integrates into a workspace.

4. OPERATING INSTRUCTIONS

The 7500-HD-1500 arm is designed for intuitive and flexible monitor positioning.

4.1. Repositioning the Monitor

Gently grasp the monitor and move it to your desired position. The arm allows for one-hand repositioning once the tension is correctly adjusted. It can extend up to 27 inches, retract to 3 inches, and offers an 18-inch vertical range.

4.2. Tilting the Monitor

The monitor tilter mechanism allows for over 200 degrees of tilt. Adjust the monitor's angle by gently pushing or pulling the top or bottom edge of the screen. If the tilt joint loosens over time, use the hex tool to tighten the set screw on the tilter mechanism.

4.3. Rotating the Monitor

The monitor can be rotated from landscape to portrait orientation. The VESA plate also allows for minor rotational adjustments (clockwise or counterclockwise) to ensure the screen is perfectly level. Note that in some positions, achieving a perfectly level screen might require slight adjustments to the arm's overall position.

5. CABLE MANAGEMENT

The arm features an integrated cable management system to keep your workspace organized.

- Route monitor cables (power, video, etc.) along the underside of the arm.
- Use the provided clips or channels to secure the cables within the arm structure.
- Ensure enough slack is left in the cables to allow for the full range of arm movement without strain.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your monitor arm.

- **Cleaning:** Wipe the arm surfaces with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Joints and Fasteners:** Periodically check all screws and fasteners for tightness. Retighten if necessary, but do not overtighten.
- **Tension Adjustment:** If the arm becomes too loose or too stiff, re-adjust the tension screw as described in Section 3.5.

7. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Arm does not move up/down or is too stiff/loose.	Incorrect tension adjustment.	Adjust the main arm tension screw using the provided hex tool. Refer to Section 3.5 for detailed instructions. It may require several turns.
Monitor tilts forward or backward unexpectedly.	Tilt joint set screw is loose.	Tighten the hex set screw on the monitor tilter mechanism. Ensure it is firm enough to hold the monitor's weight.
Monitor is not perfectly level after rotation.	Minor rotational misalignment.	The VESA plate allows for slight rotational adjustment. Gently rotate the monitor clockwise or counterclockwise to level it. In some arm positions, a perfectly level screen might require minor arm repositioning.

Problem	Possible Cause	Solution
Cables are snagging or pulling.	Insufficient cable slack or improper routing.	Ensure cables have enough slack for the full range of arm movement. Re-route cables through the integrated management system, ensuring they are not pinched.

8. SPECIFICATIONS

- **Model Number:** 7500-HD-1500
- **Product Dimensions:** 19 x 16.5 x 6 inches
- **Item Weight:** 14 pounds
- **Brand:** Innovative
- **Color:** Black
- **Mounting Type:** Tabletop Mount (Clamp/Grommet)
- **Movement Type:** Tilt, Swivel, Rotation, Extension
- **VESA Compatibility:** 75mm x 75mm, 100mm x 100mm
- **Extension Range:** Up to 27 inches
- **Vertical Range:** 18 inches
- **Monitor Tilt:** Over 200 degrees
- **Manufacturer:** Innovative products
- **ASIN:** B002MAWDRO
- **UPC:** 084279189451

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official Innovative products website. Keep your proof of purchase for warranty claims.