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PUTORSEN GSMT-431U

PUTORSEN Monitor Arm for 17-43 Inch PC Monitors with USB 3.0 Ports - User Manual

Model: GSMT-431U

1. Introduction

Thank you for choosing the PUTORSEN Monitor Arm. This manual provides detailed instructions for the safe installation, operation, and maintenance of your monitor arm. Please read this manual thoroughly before installation and keep it for future reference.
This monitor arm is designed to securely hold flat and curved monitors from 17 to 43 inches, with a maximum weight capacity of 18 kg (39.6 lbs). It features a gas spring mechanism for smooth adjustments, integrated 2x USB 3.0 ports, and supports VESA mounting patterns of 75x75mm, 100x100mm, and 200x100mm.

2. Safety Information

WARNING: Failure to read and follow all instructions may result in personal injury or damage to property. If you do not understand these instructions, or have doubts about the safety of the installation, please contact customer support.

- Do not exceed the maximum weight capacity of 18 kg (39.6 lbs).
- Ensure the mounting surface (desk) can safely support the combined weight of the monitor arm and your monitor.
- Use only the provided hardware. Do not use the product for any purpose not explicitly specified by the manufacturer.
- This product contains small items that could be a choking hazard if swallowed. Keep away from children.
- Always have two people for installation if the monitor is large or heavy.
- Check all connections regularly to ensure they remain secure.

3. Package Contents

Please verify that all components are present and undamaged before installation. If any parts are missing or defective, contact PUTORSEN customer service.



Image: Overview of the PUTORSEN Monitor Arm and its included components, showing the main arm assembly, the VESA mounting plate, and the two desk attachment options: a C-clamp and a grommet base.

Typical package contents include:

- Monitor Arm Assembly
- VESA Plate
- Desk Clamp Base
- Grommet Mount Base
- Hardware Kit (screws, washers, Allen keys)
- Instruction Manual

4. Setup and Installation

Before you begin, ensure your desk thickness is between 10mm and 84mm (0.4" - 3.3").

4.1 Choose Your Mounting Option



Image: Illustration of the two available mounting methods: the C-clamp for desk edges and the grommet mount for desks with existing holes or drilled holes. Both show the integrated USB 3.0 ports.

4.1.1 C-Clamp Installation

1. Attach the C-clamp base to the main pole of the monitor arm using the provided screws.
2. Place the monitor arm assembly onto the edge of your desk.
3. Tighten the C-clamp screw until the arm is securely fastened to the desk. Ensure it is stable and does not wobble.

4.1.2 Grommet Mount Installation

1. If your desk has a grommet hole, or if you plan to drill one (recommended diameter: 10-50mm), attach the grommet base to the main pole.
2. Insert the grommet base through the hole in your desk.
3. From underneath the desk, secure the base with the provided plate and nut, tightening until the arm is firmly attached.

4.2 Attach the VESA Plate to Your Monitor

This monitor arm supports VESA patterns 75x75mm, 100x100mm, and 200x100mm.



Image: A detailed view showing the VESA mounting plate being secured to the back of a monitor. The image highlights the compatibility with various VESA patterns, including 75x75mm, 100x100mm, and 200x100mm.

1. Carefully place your monitor face down on a soft, clean surface.
2. Align the VESA plate with the mounting holes on the back of your monitor.
3. Secure the VESA plate to the monitor using the appropriate screws and washers from the hardware kit. Do not overtighten.

4.3 Attach Monitor to Arm

1. With the VESA plate attached to your monitor, carefully slide the monitor (with plate) onto the mounting head of the monitor arm.
2. Ensure the monitor clicks into place or is secured by any locking mechanism on the arm.
3. **Important:** Adjust the gas spring tension immediately after mounting the monitor. If the monitor sags, turn the adjustment screw (usually located on the arm joint) counter-clockwise to increase tension. If the monitor floats up, turn it clockwise to decrease tension. Adjust until the monitor stays at any desired height.

5. Operating and Adjustments

The PUTORSEN Monitor Arm offers extensive adjustability for optimal viewing comfort.



Image: An overhead view illustrating the full range of motion of the monitor arm, including +/- 45° tilt, +/- 90° rotation (portrait to landscape), and +/- 90° swivel (left to right).

5.1 Height Adjustment

Gently push or pull the monitor up or down to your desired ergonomic height. The gas spring mechanism will hold it in place.

5.2 Tilt Adjustment

The monitor can be tilted +45° to -45° (up/down). Loosen the tilt screw slightly, adjust the angle, and then re-tighten the screw to secure the position.

5.3 Swivel Adjustment

The arm allows for +/- 90° swivel (left/right) at the base and at the monitor plate for flexible viewing angles.

5.4 Rotation Adjustment

Rotate your monitor +/- 90° to switch between landscape and portrait orientations.

5.5 USB 3.0 Ports

The base of the monitor arm includes two easily accessible USB 3.0 ports. Connect the integrated USB cables from the arm to your computer's USB ports to enable data transfer and charging capabilities.

5.6 Cable Management

Utilize the integrated cable management clips or channels along the arm to route your monitor and USB cables. This helps maintain a tidy and organized workspace.

6. Maintenance

- **Cleaning:** Wipe the monitor arm with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Check Connections:** Periodically check all screws and bolts to ensure they are tight and secure. Re-tighten if necessary.

- **Gas Spring:** The gas spring is designed for long-term use and generally requires no maintenance. If you notice a change in performance, re-adjust the tension as described in Section 4.3.

7. Troubleshooting

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 counter-clockwise (refer to Section 4.3). Ensure monitor weight is within limits.
Monitor floats up	Gas spring tension is too high for monitor weight.	Decrease gas spring tension by turning the adjustment screw clockwise (refer to Section 4.3).
Arm is wobbly	Desk clamp/grommet mount is not tight enough.	Re-tighten the desk clamp or grommet mount screws. Ensure desk surface is stable.
USB ports not working	USB cables from arm not connected to computer, or computer USB port issue.	Ensure the integrated USB cables from the monitor arm are securely plugged into your computer's USB 3.0 ports. Test with another USB device or port.

8. Specifications



Image: A technical drawing displaying the key dimensions of the monitor arm, including minimum and maximum height, arm extension, and base measurements for both clamp and grommet installations.

- **Model:** GSMT-431U
- **Screen Size Compatibility:** 17 - 43 inches (up to 49 inches for some ultrawide monitors)
- **Weight Capacity:** Up to 18 kg (39.6 lbs)
- **VESA Compatibility:** 75x75mm, 100x100mm, 200x100mm
- **Tilt Range:** +45° / -45°

- **Swivel Range:** +90° / -90°
- **Rotation Range:** +90° / -90°
- **Arm Extension:** Up to 59 cm (23.2 inches)
- **Height Adjustment:** Up to 58 cm (22.8 inches)
- **Desk Thickness (Clamp/Grommet):** 10 - 84 mm (0.4 - 3.3 inches)
- **Material:** Aluminum
- **Integrated Ports:** 2 x USB 3.0

9. Warranty and Support

Warranty: This PUTORSEN product comes with a 1-year warranty from the date of purchase. This warranty covers manufacturing defects and material flaws under normal use. It does not cover damage caused by misuse, accident, modification, or unauthorized repair.
Customer Support: If you have any questions, require assistance with installation, or encounter any issues with your PUTORSEN Monitor Arm, please contact our customer support team. Refer to your purchase documentation or the PUTORSEN official website for contact details.
For more information, visit the PUTORSEN Store on Amazon.

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