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ONKRON G50-B-FBA

ONKRON Single Monitor Desk Mount User Manual

Model: G50-B-FBA

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your ONKRON Single Monitor Desk Mount, model G50-B-FBA. Please read this manual carefully before installation and retain it for future reference. This monitor mount is designed to provide an ergonomic and adjustable solution for your display.



Image: Front view of the ONKRON Single Monitor Desk Mount, showing the gas spring arm and VESA plate.

Product Features

- **Universal Compatibility:** Supports most 13-32 inch LCD, OLED, and LED monitors weighing up to 17.6 lbs (8 kg). Compatible with VESA mounting patterns 75x75 mm and 100x100 mm.
- **Full Motion Adjustability:** Offers extensive range of motion including:
  - Tilt: +90 degrees to -45 degrees
  - Swivel: 180 degrees (left-right)

- Rotation: 360 degrees (landscape to portrait)
- Extension: Up to 20.2 inches (51.3 cm)
- Height Adjustment: Up to 17.1 inches (43.4 cm)

- **Integrated Cable Management:** Features a system to route and conceal cables along the arm for a tidy workspace.
- **Two Installation Options:** Can be mounted to the desk edge using a C-clamp or through a grommet hole.
- **Durable Construction:** Made from high-quality aluminum with a reinforced VESA panel for increased strength and stability.



Image: Illustration of the monitor arm's full range of motion, including tilt, swivel, rotation, and vertical adjustment.



Image: Visual representation of the two available installation methods: C-clamp for desk edges and grommet for through-hole mounting.

Setup and Installation

The ONKRON G50-B-FBA monitor mount comes largely pre-assembled for ease of installation. Please follow these steps carefully.

1. Check Package Contents

Before beginning, ensure all parts are present and undamaged. Refer to the parts list below:



Image: All components and hardware included in the ONKRON G50-B-FBA package, laid out for inspection.

- Monitor Arm Assembly (x1)
- VESA Plate (x1)
- C-Clamp Base (x1)
- Grommet Base (x1)
- Hex Keys (3mm, 5mm, 6mm)
- Various Screws (M6x8, M4x12, M4x16, M6x12, M6x16)
- Washers and Spacers
- Cable Management Clips (if separate)

2. Choose Installation Method

You can install the mount using either the C-clamp or the grommet hole method.

2.1 C-Clamp Installation (for desk edges)

1. Attach the C-clamp base to the main pole of the monitor arm.
2. Position the C-clamp on the edge of your desk. Ensure the desk thickness is between 0.375 inches (9.5 mm) and 2 inches (50.8 mm).
3. Tighten the C-clamp screw firmly until the mount is stable and secure.

2.2 Grommet Hole Installation (for desks with existing holes)

1. If your desk has a grommet hole, remove the existing grommet cover.
2. Attach the grommet base to the main pole of the monitor arm.
3. Insert the grommet bolt through the desk hole. Ensure the desk thickness is between 0.375 inches (9.5 mm) and 3.125 inches (79.4 mm).
4. Secure the mount from underneath the desk using the provided washer and nut, tightening until stable.

3. Attach Monitor to VESA Plate

1. Carefully place your monitor face down on a soft, clean surface to protect the screen.
2. Align the VESA mounting holes on the back of your monitor with the holes on the VESA plate.
3. Select the appropriate screws (M4 or M6) and washers from the hardware kit that fit your monitor's VESA pattern (75x75mm or 100x100mm).
4. Secure the monitor to the VESA plate. Do not overtighten.
5. **IMPORTANT NOTE:** The VESA panel may be packaged at a slight angle. This is normal and can be easily adjusted during monitor installation.



Image: A note indicating that the VESA panel may be angled upon unboxing and can be adjusted during monitor attachment.

4. Mount Monitor to Arm

1. With the monitor attached to the VESA plate, carefully slide the VESA plate onto the monitor arm's mounting head.
2. Ensure the plate clicks securely into place.

Operating and Adjusting the Monitor Arm

Once installed, you can adjust the monitor arm to achieve your desired ergonomic position.

1. Adjusting Gas Spring Tension

The gas spring tension must be adjusted to the weight of your monitor for optimal performance. If the monitor sags or

floats up, the tension needs adjustment.



Image: Instructions for adjusting the gas spring tension using a hex key. Turn clockwise for lighter monitors, counter-clockwise for heavier monitors.

- Locate the tension adjustment screw on the arm (usually near the joint closest to the VESA plate).
- Use the provided hex key to turn the screw:
  - Turn **counter-clockwise** (towards '+') for **heavier monitors** to increase tension.
  - Turn **clockwise** (towards '-') for **lighter monitors** to decrease tension.
- Adjust incrementally and test the arm's movement until the monitor stays in position when released.

2. Adjusting Monitor Position

- **Height Adjustment:** Gently push or pull the monitor arm vertically to raise or lower the monitor. The gas spring will assist in holding the position.

- **Tilt Adjustment:** Grasp the top and bottom edges of your monitor and tilt it forwards or backwards to achieve your desired viewing angle (+90° to -45°).
- **Swivel Adjustment:** Rotate the monitor horizontally left or right (180°) at the arm's joints.
- **Rotation (Portrait/Landscape):** Rotate the monitor 360° at the VESA plate to switch between landscape and portrait orientations.
- **Extension/Retraction:** Push or pull the arm to extend or retract the monitor's distance from the desk.

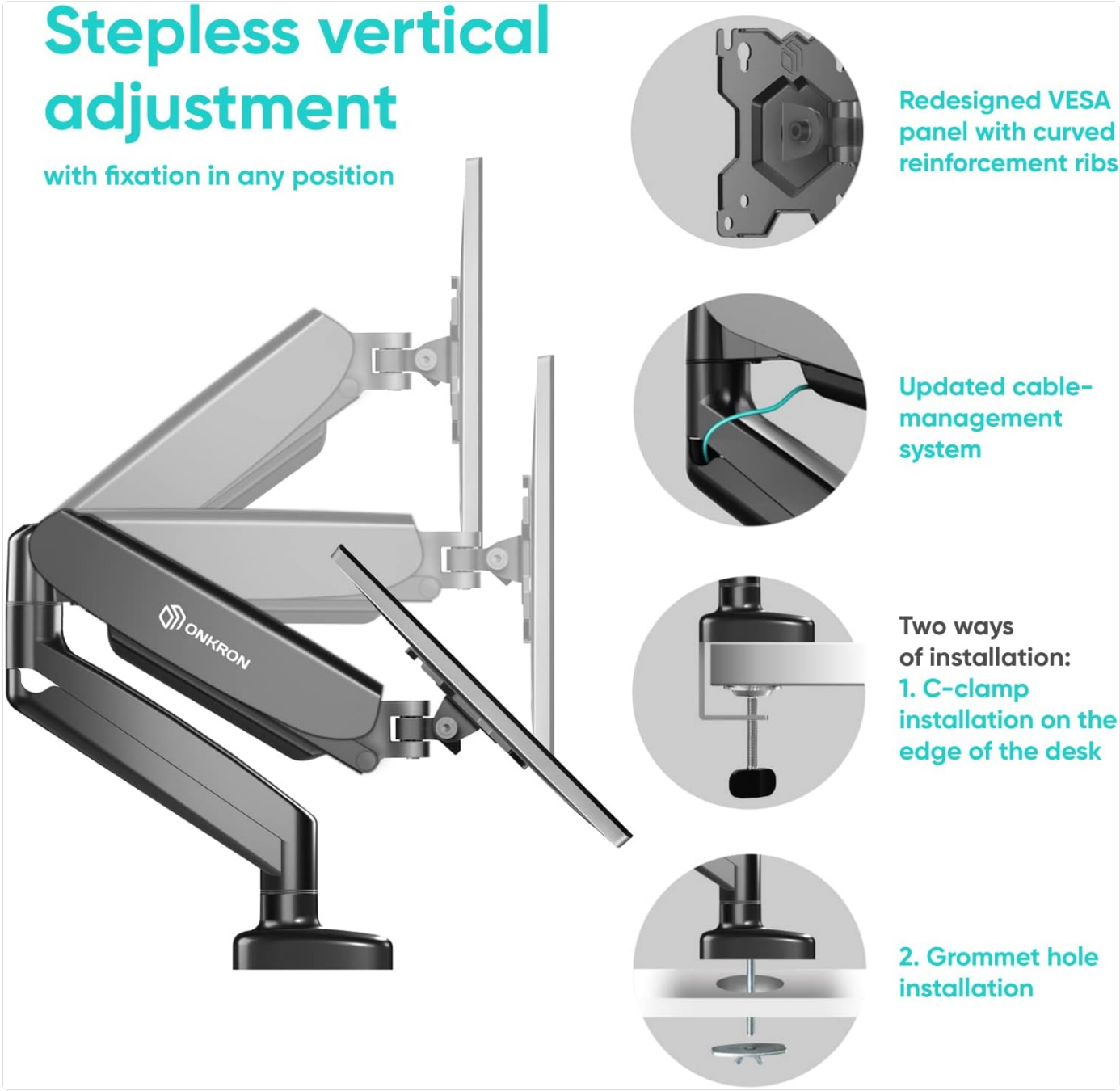


Image: Visual guide to stepless vertical adjustment, showing the monitor arm moving smoothly up and down, with fixation in any position.

3. Cable Management

To maintain a clean and organized workspace, route your monitor cables through the integrated cable management system on the arm.

- Open the cable covers along the underside of the arm.
- Lay your display and power cables inside the channels.
- Close the covers to conceal the cables.

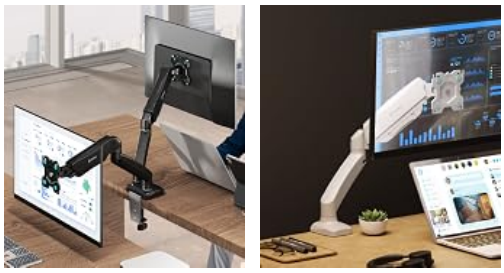


Image: Icons illustrating the cable management system and the signature VESA panel design.

Maintenance

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

- **Cleaning:** Wipe the surface of the mount with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish.
- **Tension Check:** Periodically check the gas spring tension, especially if you change monitors. Readjust as needed to ensure the monitor holds its position securely.
- **Fastener Check:** Every few months, check all screws and bolts for tightness. Retighten any loose fasteners to maintain stability and safety.
- **Gas Spring Life:** The gas spring is designed for a long service life, typically over 50,000 load cycles. Proper tension adjustment contributes to its durability.



Image: A close-up of the gas spring component, highlighting its long service life of over 50,000 load cycles.

Troubleshooting

If you encounter issues with your monitor arm, refer to the following common problems and 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 counter-clockwise. Refer to "Operating and Adjusting the Monitor Arm" section.

Problem	Possible Cause	Solution
Monitor floats up or is difficult to push down	Gas spring tension is too high for monitor weight.	Decrease gas spring tension by turning the adjustment screw clockwise. Refer to "Operating and Adjusting the Monitor Arm" section.
Arm is unstable or wobbles	Mounting base (C-clamp or grommet) is not tight enough; VESA plate screws are loose.	Ensure the C-clamp or grommet bolt is securely tightened to the desk. Check and tighten all screws connecting the monitor to the VESA plate and the VESA plate to the arm.
Monitor cannot be rotated 360 degrees	Obstruction or VESA plate not fully engaged.	Ensure no cables or objects are obstructing the rotation. Check if the VESA plate is correctly seated on the arm's mounting head.

Specifications

Feature	Detail
Model Number	G50-B-FBA
Brand	ONKRON
Material	Aluminum
Compatible Screen Size	13 - 32 inches
Weight Capacity	4.4 - 17.6 lbs (2 - 8 kg)
VESA Compatibility	75x75 mm, 100x100 mm
Tilt Range	+90° to -45°
Swivel Range	180°
Rotation	360°
Max Extension	20.2 inches (51.3 cm)
Max Height Adjustment	17.1 inches (43.4 cm)
Desk Thickness (C-clamp)	0.375 - 2 inches (9.5 - 50.8 mm)
Desk Thickness (Grommet)	0.375 - 3.125 inches (9.5 - 79.4 mm)



Image: Visual summary of VESA compatibility, supported screen sizes, and weight capacity for the monitor mount.

Warranty and Support

ONKRON products are designed for reliability and durability. For any questions regarding your ONKRON G50-B-FBA monitor arm, including pre-purchase inquiries or installation assistance, please contact our customer support team.
Our US-based customer support team is available to assist you. Please refer to the contact information provided with your product packaging or visit the official ONKRON website for the most up-to-date support details.
For more information, visit the ONKRON Store on Amazon.

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