ONKRON G50-BLK

ONKRON Single Monitor Mount Instruction Manual

Model: G50-BLK

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your ONKRON G50-BLK Single Monitor Mount. This gas spring monitor arm is designed to securely hold 13-32 inch flat and curved monitors weighing between 4.4 lbs and 17.6 lbs, supporting VESA mounting patterns of 75x75mm and 100x100mm. Proper installation and use will ensure optimal ergonomic positioning and a long service life for your monitor mount.



Figure 1.1: ONKRON G50-BLK Single Monitor Mount

The ONKRON G50-BLK Single Monitor Mount in black, featuring a gas spring arm and a desk clamp base, ready for installation.



Figure 1.2: Monitor Mount in Use

An ONKRON monitor mount securely holding a monitor on a wooden desk, demonstrating its stable and space-saving design.

2. Safety Information

Please read and understand all instructions before installation and use. Failure to follow these instructions may result in property damage, serious injury, or death.

- **Weight Capacity:** Do not exceed the maximum weight capacity of 17.6 lbs (8 kg).
- **Monitor Size:** Ensure your monitor is within the recommended size range of 13-32 inches.
- **VESA Compatibility:** Verify your monitor's VESA pattern is 75x75mm or 100x100mm.
- **Desk Thickness:** Ensure your desk thickness is compatible with the chosen installation method (C-clamp or grommet).
- **Pinch Points:** Be aware of pinch points during assembly and adjustment. Keep hands and fingers clear of moving parts.
- **Stable Surface:** Install the mount on a stable and sturdy desk surface capable of supporting the combined

weight of the mount and monitor.

- **Gas Spring:** The gas spring is under pressure. Do not attempt to disassemble the gas spring cylinder.

3. Parts List

Before beginning installation, ensure all parts are present and undamaged. Refer to the diagram below for a visual representation of the components included in your package.



Figure 3.1: Package Contents

An overhead view of all components included in the ONKRON G50-BLK monitor mount package, including the arm, VESA plate, desk clamp, grommet base, and various screws and tools.

Included Components:

- Monitor Arm Assembly (x1)
- VESA Plate (x1)
- Desk Clamp (x1)

- Grommet Base (x1)
- Hex Keys (3mm, 5mm, 6mm)
- Various Monitor Mounting Screws (M4x12, M4x16, M6x12, M6x16)
- Washers and Spacers

4. Setup and Installation

The ONKRON G50-BLK monitor mount offers two installation options: C-clamp and Grommet hole installation.

4.1. Choose Your Installation Method



Figure 4.1: Installation Options

A visual comparison of the C-clamp installation method (left) and the grommet hole installation method (right) for the monitor mount, showing compatible desk thicknesses.

C-Clamp Installation:

- Ideal for desks with an edge thickness between 0.375 inches (9.5mm) and 2 inches (50mm).
- Attach the C-clamp to the edge of your desk and tighten the screw until secure.

Grommet Hole Installation:

- Requires an existing hole in your desk with a diameter suitable for the grommet base.
- Ideal for desks with a thickness between 0.375 inches (9.5mm) and 3 inches (76mm).
- Feed the grommet base through the hole and secure it from underneath the desk.

4.2. Attaching the Monitor

Once the mount base is securely installed on your desk, proceed with attaching your monitor.

1. Carefully attach the VESA plate to the back of your monitor using the appropriate screws (M4 or M6) and washers/spacers provided. Ensure the screws are tightened securely but do not overtighten.
2. Slide the monitor (with the attached VESA plate) onto the arm's VESA head. The VESA plate is designed for easy installation and may be slightly angled in packaging; it can be adjusted during monitor installation.
3. Ensure the monitor is fully seated and locked into place on the VESA head.

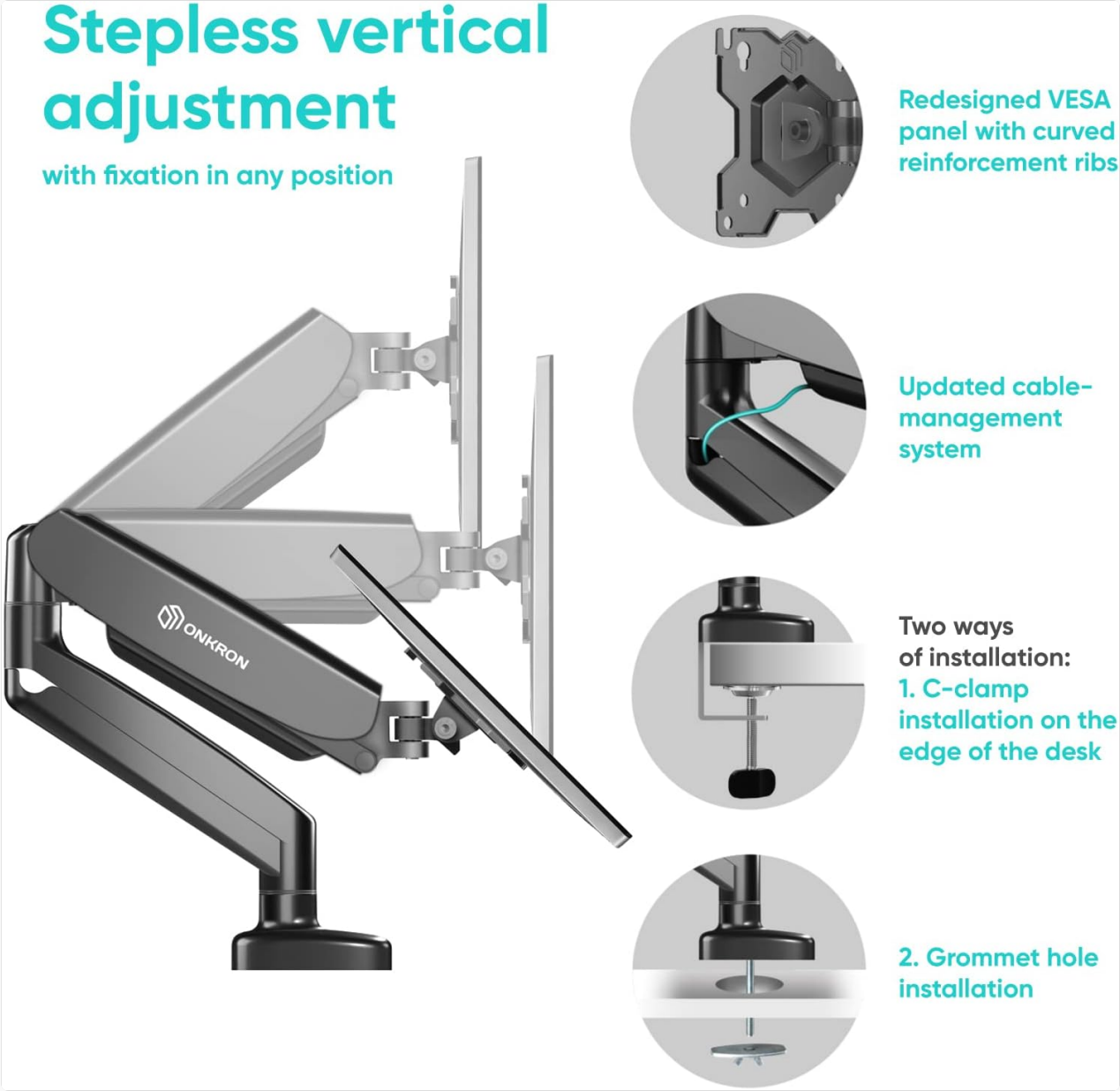


Figure 4.2: Installation Details

A detailed view showing the stepless vertical adjustment, the updated cable management system, and the two installation options (C-clamp and grommet hole) for the ONKRON monitor mount.

5. Operating and Adjustments

The ONKRON G50-BLK monitor mount offers extensive adjustability for optimal viewing comfort and ergonomic positioning.

5.1. Monitor Adjustments



Figure 5.1: Articulating Monitor Arm

A comprehensive diagram illustrating the full range of motion for the ONKRON monitor arm, including 180° swivel, +90° to -45° tilt, 360° rotation, and height adjustment from 6.2" to 16.4", with an extension up to 19.2".

- **Swivel:** The monitor arm can swivel 180° at the base and at the arm joints, allowing you to easily share your screen or adjust viewing angles.
- **Tilt:** Adjust the monitor tilt from +90° (upwards) to -45° (downwards) to reduce glare and find your preferred viewing angle.
- **Rotation:** The VESA plate supports 360° rotation, allowing you to switch between landscape and portrait orientations.
- **Height Adjustment:** The gas spring arm allows for smooth, stepless vertical height adjustment from 6.2 inches up to 16.4 inches.
- **Extension:** The arm can extend up to 19.2 inches from the mounting pole, providing flexibility for various desk setups.

5.2. Gas Spring Tension Adjustment

The gas spring tension must be adjusted to match the weight of your monitor for optimal performance. An unadjusted spring may not hold heavy monitors or may constantly lift light monitors upwards.



Figure 5.2: Gas Spring Adjustment

A close-up image showing the adjustment screw for the gas spring, with arrows indicating to turn counter-clockwise for heavier screens and clockwise for lighter screens.

- Locate the adjustment screw on the arm (typically covered by a cap).
- Use the provided hex key to turn the screw:
  - Turn **counter-clockwise (+)** to increase tension for heavier monitors.
  - Turn **clockwise (-)** to decrease tension for lighter monitors.
- Adjust gradually until the monitor stays in position when moved and holds its height without drifting.

5.3. Cable Management

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

- Route your monitor cables (power, video, etc.) through the designated channels or clips along the arm.
- Snap the covers back into place to conceal the cables.

6. Maintenance

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

- **Cleaning:** Wipe the mount with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish.
- **Tightness Check:** Periodically check all screws and connections, especially the desk clamp/grommet and VESA plate screws, to ensure they remain tight.
- **Gas Spring:** The gas spring system is designed for long service life (over 50,000 loading cycles) and generally requires no maintenance other than tension adjustment. Do not attempt to lubricate or disassemble the gas spring.

7. Troubleshooting

If you encounter issues with your monitor mount, refer to the following common problems and solutions.

7.1. Monitor Does Not Stay in Position (Drifts Down or Up)

- **Solution:** The gas spring tension needs adjustment. Refer to Section 5.2 for instructions on how to adjust the gas spring to match your monitor's weight.

7.2. Monitor Wobbles or Mount Feels Unstable

- **Solution 1:** Ensure the desk clamp or grommet base is securely tightened to the desk.
- **Solution 2:** Verify that the VESA plate screws attaching the monitor to the arm are tight.
- **Solution 3:** Check the stability of your desk. A thin or flimsy desk may not provide adequate support for the mount and monitor. Consider reinforcing the desk surface if necessary.

7.3. Difficulty Moving the Arm

- **Solution:** The gas spring tension might be too high for your monitor's weight, or the pivot points might be too tight. Try decreasing the gas spring tension (Section 5.2) or gently loosening any overly tight joint screws if applicable (refer to assembly diagrams).

8. Specifications

Feature	Specification
Model Number	G50-BLK
Compatible Screen Size	13 - 32 inches
Weight Capacity	4.4 - 17.6 lbs (2 - 8 kg)
VESA Compatibility	75x75mm, 100x100mm

Mounting Type	Tabletop Mount (C-clamp or Grommet)
Movement Type	Swivel, Tilt, Rotation
Swivel Range	180°
Tilt Range	+90° to -45°
Rotation	360° (at VESA plate)
Height Adjustment Range	6.2" - 16.4" (15.7 cm - 41.7 cm)
Maximum Extension	19.2" (48.8 cm)
Material	Aluminum
Color	Black
Item Weight	5.26 lbs (2.39 kg)

9. Warranty and Support

ONKRON products undergo multi-stage quality control to ensure reliability and durability. We are committed to providing high-quality solutions and excellent customer service.

9.1. Return Policy

This product is eligible for a return within 30 days of purchase, subject to the retailer's return policy for refund or replacement.

9.2. Customer Support

Should you have any questions, concerns, or require assistance with your ONKRON G50-BLK monitor mount, please do not hesitate to contact ONKRON customer support. Our experts are ready to provide guidance and resolve any issues you may encounter.
For contact information, please refer to the ONKRON official website or the contact details provided with your purchase documentation.

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