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› BONTEC GDM02U Dual Monitor Arm User Manual

BONTEC GDM02U

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Model: GDM02U

1. INTRODUCTION

Thank you for choosing the BONTEC GDM02U Dual Monitor Arm. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your monitor arm. Please read these instructions carefully before assembly and retain them for future reference.

This dual monitor arm is designed to support two 13-32 inch LED LCD screens, each weighing up to 8 kg (17.6 lbs), with VESA mounting patterns of 75x75mm or 100x100mm.



Image 1.1: BONTEC Dual Monitor Arm supporting two monitors. This image highlights the product's compatibility with 13-32 inch screens, an 8kg (18.0 lbs) weight capacity per arm, and VESA 75x75 / 100x100 mounting standards.

2. SAFETY INFORMATION

- **Read all instructions:** Ensure you understand all instructions and warnings before installation.
- **Weight capacity:** Do not exceed the maximum weight capacity of 8 kg (17.6 lbs) per arm. Exceeding this limit may result in serious injury or product damage.
- **Monitor size:** This arm is designed for monitors between 13 and 32 inches.
- **VESA compatibility:** Ensure your monitors have VESA mounting patterns of 75x75mm or 100x100mm.
- **Desk stability:** Ensure your desk is structurally sound and can support the combined weight of the monitor arm and monitors.
- **Assembly:** Assemble the product according to the instructions. Improper assembly can cause damage or serious injury.
- **Moving parts:** Be aware of pinch points when adjusting the arm.
- **Children:** Keep small parts away from children.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged. If any parts are missing or damaged, contact BONTEC customer service.



Image 3.1: All components included in the BONTEC GDM02U package. This includes the dual gas spring arms, desk clamp, grommet mounting hardware, VESA plates, and assembly tools.

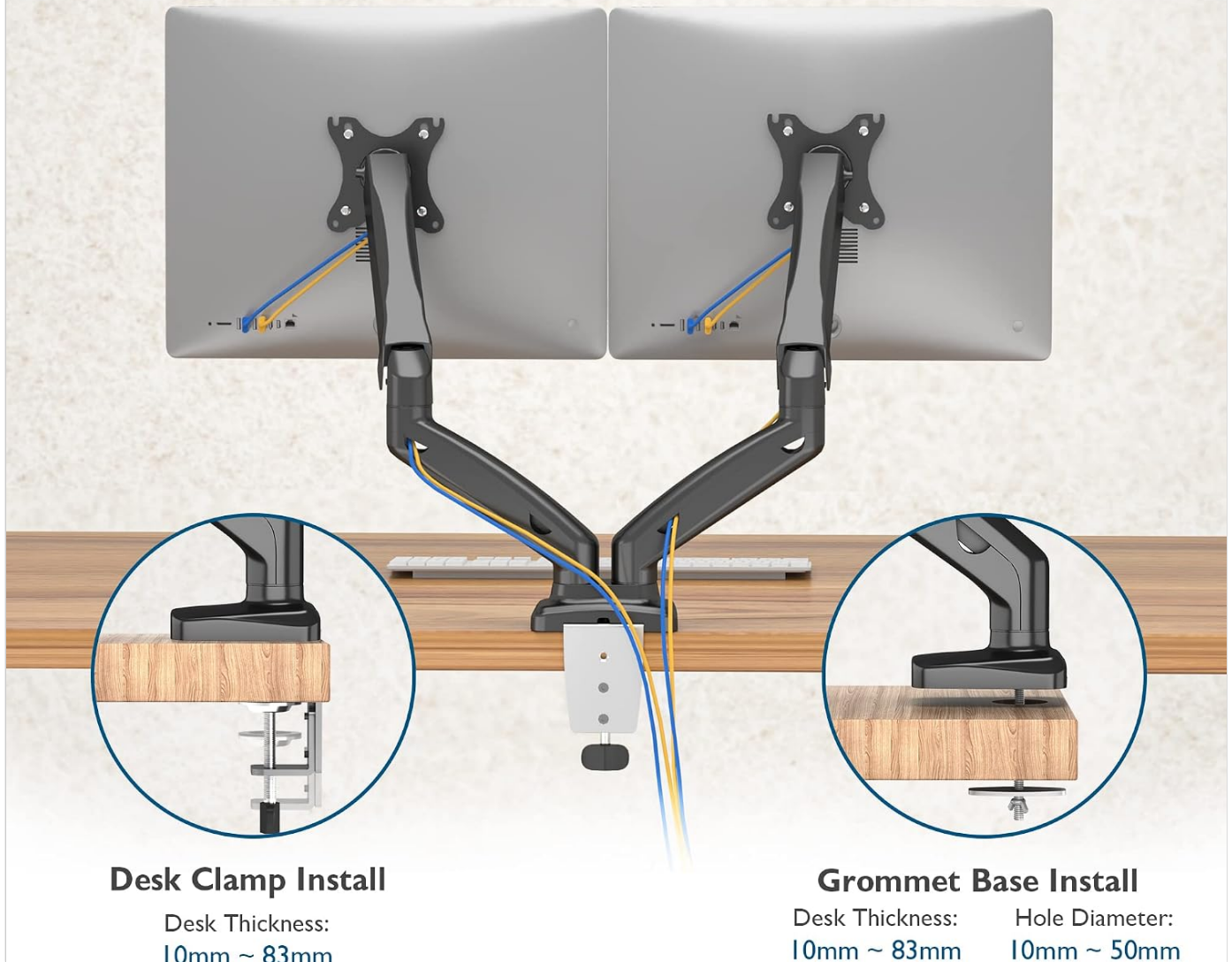
Note: The exact number and type of fasteners may vary slightly. Refer to the included parts list in your package.

4. SETUP AND INSTALLATION

The BONTEC GDM02U offers two installation methods: Desk Clamp and Grommet Base.

4.1 Choose Your Installation Method

◆ 2 Installation Methods



Desk Clamp Install

Desk Thickness:
10mm ~ 83mm

Grommet Base Install

Desk Thickness: 10mm ~ 83mm Hole Diameter: 10mm ~ 50mm

Image 4.1: Illustration of the two available installation methods: Desk Clamp and Grommet Base. The desk clamp is suitable for desk thicknesses between 10mm and 83mm. The grommet base requires a hole diameter of 10mm to 50mm and is also suitable for desk thicknesses between 10mm and 83mm.

4.2 Desk Clamp Installation

1. Attach the C-clamp to the main pole.
2. Position the clamp on the edge of your desk and tighten the screw until secure. Ensure the desk thickness is between 10mm and 83mm.
3. Slide the monitor arms onto the pole and secure them at the desired height.

4.3 Grommet Base Installation

1. If your desk has a grommet hole (10-50mm diameter), insert the grommet base through the hole.
2. Secure the base from underneath the desk using the provided plate and nut. Ensure the desk thickness is between 10mm and 83mm.
3. Slide the monitor arms onto the pole and secure them at the desired height.

4.4 Attaching Monitors

1. Attach the VESA plates to the back of your monitors using the appropriate screws (M4 or M5, depending on your

- monitor). Ensure the VESA pattern is 75x75mm or 100x100mm.
2. Carefully slide the monitors (with VESA plates attached) onto the arms' mounting heads. The VESA plates have open top slots for easy hanging.
 3. Secure the monitors by tightening the bottom screws on the VESA plates.



Image 4.2: Detail of VESA plate attachment and cable management. Monitors are easily mounted by sliding them onto the VESA plate's top slots. The integrated cable management system helps organize power and display cables for a tidy workspace.

4.5 Cable Management

Route your monitor cables through the integrated cable management channels on the underside of the arms. This helps maintain a clean and organized workspace.

5. OPERATION AND ADJUSTMENT

The BONTEC GDM02U monitor arm offers extensive flexibility for optimal viewing angles and ergonomic positioning.

5.1 Adjusting Monitor Position

- **Height Adjustment:** The gas spring allows for smooth vertical movement. Gently push or pull the monitor to the desired height (up to 400mm).
- **Tilt:** Tilt the monitor $+90^\circ$ (upwards) to -45° (downwards) to reduce glare and optimize viewing.
- **Swivel:** Swivel the monitor $\pm 90^\circ$ left or right. The arm itself can swivel 360° at the base and 250° at the elbow joint.
- **Rotation:** Rotate the monitor 360° for landscape or portrait orientation.

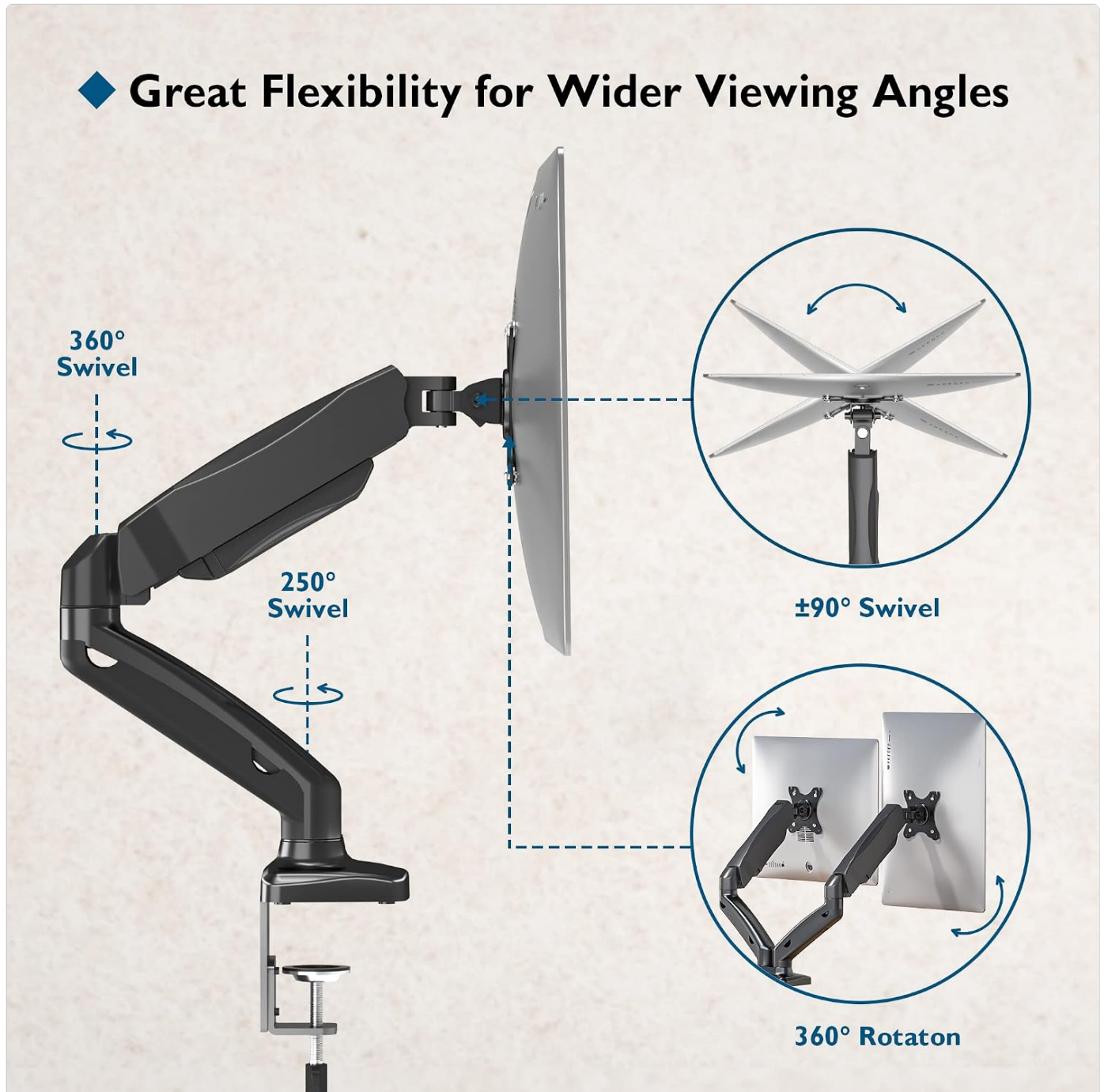


Image 5.1: Demonstrates the extensive flexibility of the monitor arm. It features 360° swivel at the base, 250° swivel at the arm's elbow, and $\pm 90^\circ$ swivel along with 360° rotation at the monitor mounting plate, allowing for wide viewing angles and orientation changes.

◆ Full Dynamic Motion

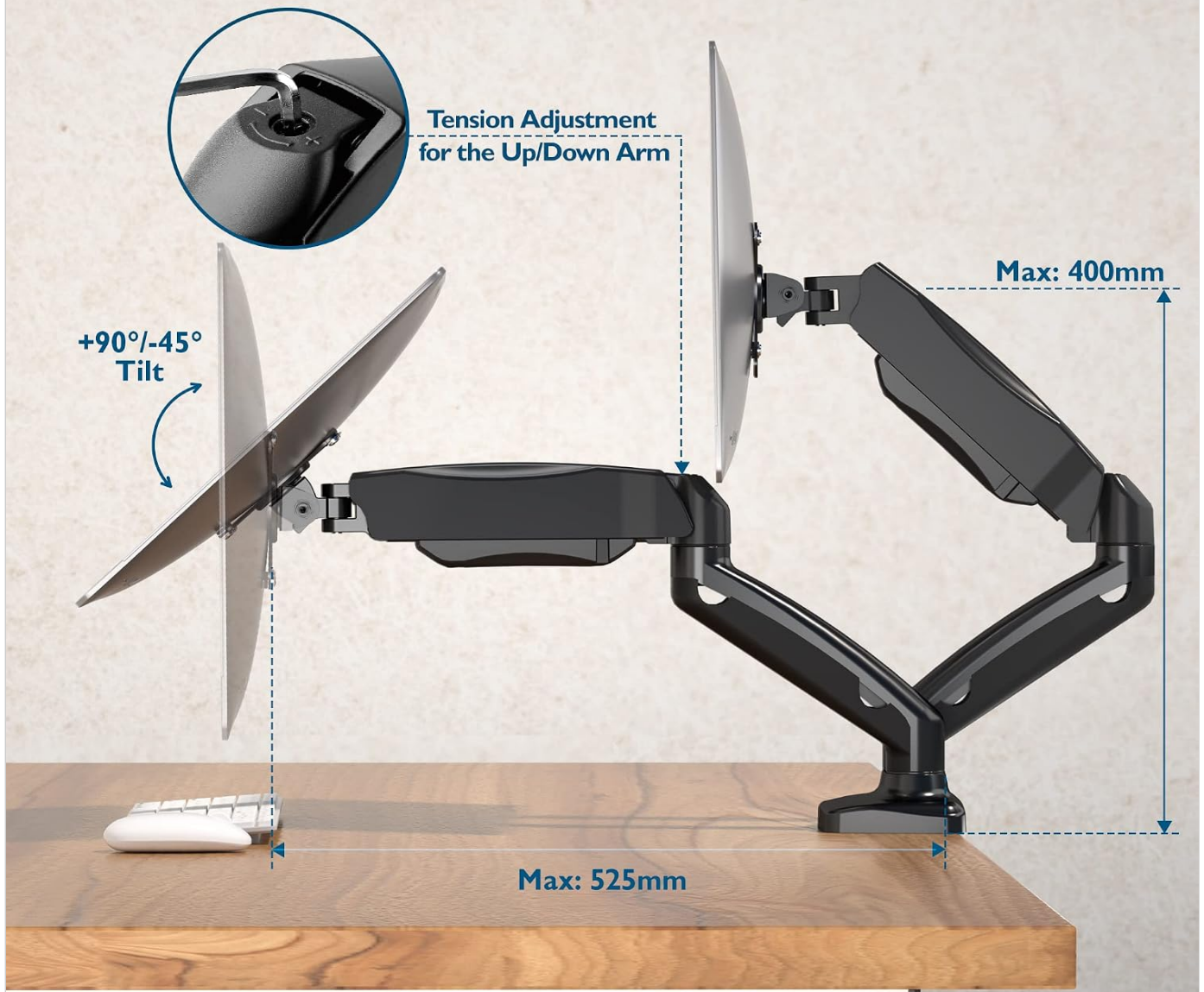


Image 5.2: Illustrates the full dynamic motion of the arm, including a tilt range of +90° to -45°. It shows a maximum arm extension of 525mm and a maximum height adjustment of 400mm. A close-up highlights the tension adjustment screw for the gas spring arm.

5.2 Gas Spring Tension Adjustment

If your monitor does not stay at the desired height, or if it is too difficult to move, you may need to adjust the gas spring tension. Use the provided Allen key to turn the tension screw located on the arm joint:

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

Adjust gradually until the monitor holds its position firmly and moves smoothly.

6. MAINTENANCE

- **Cleaning:** Wipe the monitor arm with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Periodic Checks:** Periodically check all screws and connections 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. Do not attempt to disassemble the gas spring cylinder.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Monitor sags or does not stay at desired height.	Gas spring tension is too low for the monitor's weight.	Increase gas spring tension by turning the adjustment screw counter-clockwise (+).
Monitor is difficult to move or adjust.	Gas spring tension is too high for the monitor's weight.	Decrease gas spring tension by turning the adjustment screw clockwise (-).
Monitor arm feels unstable.	Desk clamp or grommet base is not securely tightened.	Re-tighten the desk clamp or grommet base. Ensure the desk is stable.
Monitors are not level.	Minor misalignment during installation or adjustment.	Adjust the tilt and rotation of individual VESA plates to level the monitors.

8. SPECIFICATIONS

Feature	Detail
Model Number	GDM02U
Screen Size Compatibility	13 - 32 inches (per monitor)
Weight Capacity	Up to 8 kg (17.6 lbs) per arm
VESA Compatibility	75x75mm, 100x100mm
Tilt Range	+90° / -45°
Swivel Range	±90° (monitor plate), 250° (arm elbow), 360° (base)
Rotation	360°
Max Arm Extension	525 mm
Max Height Adjustment	400 mm
Installation Methods	Desk Clamp, Grommet Base
Desk Clamp Thickness	10 - 83 mm
Grommet Hole Diameter	10 - 50 mm
Material	High-strength Steel, Aluminum
Color	Black

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your product or visit the

official BONTEC website. You may also contact your retailer for assistance.
A detailed user guide in PDF format is available for download:[BONTEC GDM02U User Guide \(PDF\)](#).

