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BONTEC GDM7505-FBA

BONTEC Single Monitor Arm (Model GDM7505-FBA) Instruction Manual

Model: GDM7505-FBA

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your BONTEC Single Monitor Arm, Model GDM7505-FBA. Designed for 15-34 inch screens weighing up to 26.5 lbs, this ergonomic gas spring monitor mount offers full motion adjustability, including tilt, swivel, and rotation, along with VESA compatibility (75x75mm and 100x100mm). Please read this manual thoroughly before installation and use to ensure proper setup and safe operation.

Image: The BONTEC Single Monitor Arm, showcasing its design and the two available mounting options (C-clamp and grommet base).

Important Safety Information

- Ensure your desk surface is strong enough to support the combined weight of the monitor arm and your monitor.
- Do not exceed the maximum weight capacity of 26.5 lbs (12 kg).
- Verify that your monitor is VESA compatible (75x75mm or 100x100mm) before installation.
- Always follow the assembly instructions carefully. Incorrect installation may result in product damage or personal injury.
- Keep children and pets away during installation.
- Do not use power tools to tighten screws when attaching the VESA plate to the monitor, as this may damage the

monitor. Hand-tighten only.

- Adjust the gas spring tension only after the monitor is mounted to prevent the arm from springing up or down unexpectedly.

Package Contents

Please check that all components are present and undamaged before proceeding with installation. Refer to the assembly video for a visual guide to the parts.

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Video: Assembly Manual for BONTEC Upgraded Single Monitor Arm. This video provides a step-by-step visual guide for unpacking and assembling the monitor arm, including identifying all parts.

The package should include the following main components and hardware:

- Monitor Arm Assembly (A)
- Lower Arm (B)
- Base (C)
- C-clamp (D)
- Brace for C-clamp (E)
- Screws for C-clamp (F)
- Wingnut (G)
- Carriage Bolt (H)
- Allen Keys (I, J, K)
- Monitor Mounting Screws (M-A, M-B, M-C, M-D, M-E) and Washers (M-C)

Setup and Installation

Step 1: Choose Your Mounting Method

The BONTEC Monitor Arm supports two installation methods: C-clamp mounting and Grommet mounting. Select the method suitable for your desk.

Image: Visual representation of the C-clamp mounting and grommet mounting options, including desk thickness and hole diameter requirements.

1A. C-clamp Installation

1. Attach the Brace (E) to the Base (C) using the provided screws (F).
2. Position the assembled C-clamp (D) onto your desk edge. Ensure the desk thickness is between 0.39 and 3.15 inches (10-80mm).
3. Tighten the C-clamp securely to the desk using the Allen key.

1B. Grommet Base Installation

1. Remove the clip plate from the clamp (D) if it's attached.
2. Insert the Carriage Bolt (H) through the Base (C) and then through the grommet hole in your desk. Ensure the desk thickness is between 0.39 and 2.76 inches (10-70mm) and the hole diameter is between 0.39 and 2.36 inches (10-60mm).
3. Secure the base from underneath the desk using the clip plate and Wingnut (G).

Step 2: Install the Arm onto the Base

Slide the lower arm (B) onto the pole of the installed base. Then, slide the main monitor arm assembly (A) onto the lower arm. Secure both arms by tightening the set screws with the appropriate Allen key.

Step 3: Attach VESA Plate to Monitor

Carefully attach the VESA plate of the monitor arm to the back of your monitor. Use the appropriate screws (M-A/M-B or M-C/M-D/M-E) and washers (M-C) that fit your monitor's VESA mounting holes. Ensure the screws are inserted loosely, leaving a 3-4mm gap, before hanging the monitor onto the arm. **Do not use power tools** for this step to avoid damaging your monitor.

Step 4: Manage Cables

Route your monitor's power and video cables through the integrated cable management channels on the monitor arm. This helps maintain a clean and organized workspace.

Operating and Adjustments

The BONTEC Single Monitor Arm offers extensive adjustability for optimal viewing comfort. Adjustments include tilt, swivel, rotation, and gas spring tension.

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Video: Tips for Using BONTEC Upgraded Single Monitor Mount. This video demonstrates how to adjust the monitor arm's tilt, swivel, and gas spring tension.

Tilt Adjustment

The monitor arm allows for a tilt range of +85° to -50°. If the monitor head is dropping down or is too loose, tighten the screw on the tilt mechanism clockwise using the appropriate Allen key until the desired tension is achieved. If it's too stiff, loosen it counter-clockwise.

Swivel Adjustment

The monitor can swivel ±90° at the VESA plate connection. If the monitor is too sensitive or moves too freely, tighten the screw on the swivel joint clockwise with the Allen key to increase resistance. If it's too stiff, loosen it counter-clockwise.

Rotation Adjustment

The monitor can rotate 360° from landscape to portrait orientation. The base and arm joints also offer 360° rotation for flexible positioning.

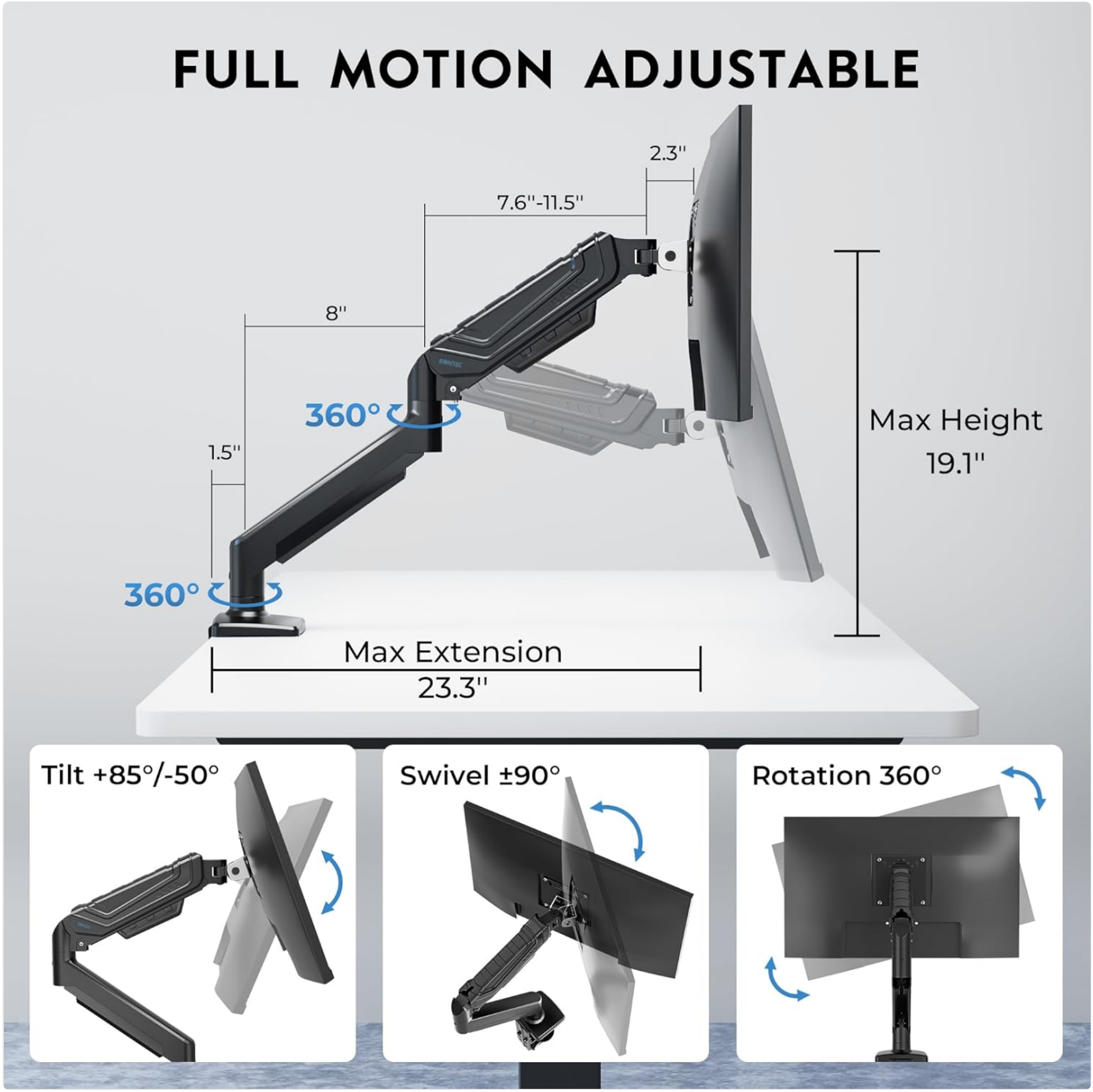


Image: Diagram illustrating the full motion capabilities of the monitor arm, including tilt (+85°/-50°), swivel (±90°), and 360° rotation.

Gas Spring Tension Adjustment

The gas spring tension needs to be adjusted according to your monitor's weight to ensure it stays balanced at any height.

- If the monitor is drooping or falling, turn the tension screw**counter-clockwise** to increase tension (up to 20 turns maximum).
- If the monitor is rising too easily or springing up, turn the tension screw**clockwise** to reduce tension (up to 20 turns maximum).

Important: Perform these adjustments with the monitor attached to the arm.

Maintenance

- Regularly check all screws and connections to ensure they are secure.
- Clean the monitor arm with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- Do not disassemble the gas spring cylinder, as it contains high-pressure gas.

Troubleshooting & FAQs

Q: My monitor is drooping or falling down.

A: The gas spring tension is too low for your monitor's weight. Increase the tension by turning the adjustment screw **counter-clockwise**. Refer to the "Gas Spring Tension Adjustment" section in this manual or the "Tips for Using" video.

Q: My monitor is rising too easily or springing up.

A: The gas spring tension is too high for your monitor's weight. Reduce the tension by turning the adjustment screw **clockwise**. Refer to the "Gas Spring Tension Adjustment" section in this manual or the "Tips for Using" video.

Q: The monitor swivels too freely or is too stiff.

A: Adjust the swivel resistance by tightening or loosening the screw on the swivel joint with the Allen key. Refer to the "Swivel Adjustment" section.

Q: The monitor arm is unstable or wobbles.

A: Ensure that the C-clamp or grommet base is securely tightened to the desk. Also, check all connection points on the arm for tightness.

Specifications

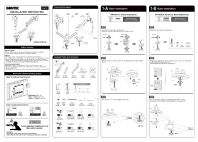
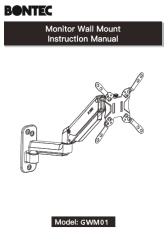
Brand	BONTEC
Model Number	GDM7505-FBA
Compatible Screen Size	15-34 inches
Weight Capacity	Up to 26.5 lbs (12 kg)
VESA Compatibility	75x75mm, 100x100mm
Mounting Type	C-clamp or Grommet Base
C-clamp Desk Thickness	0.39 - 3.15 inches (10-80mm)
Grommet Desk Thickness	0.39 - 2.76 inches (10-70mm)
Grommet Hole Diameter	0.39 - 2.36 inches (10-60mm)
Tilt Angle	+85° to -50°
Swivel Angle	±90°
Rotation	360°
Max Extension	23.3 inches
Height Adjustment Range	7.1 - 19.1 inches
Material	Metal
Color	Black

Warranty and Support

BONTEC products are designed for durability and performance. For specific warranty details and customer support, please refer to the warranty card included in your product packaging or visit the official BONTEC website. If you encounter

any issues or have questions regarding your monitor arm, please contact BONTEC customer service for assistance. You can also find additional resources and product information on theBONTEC Store on Amazon.

Related Documents - GDM7505-FBA

	BONTEC GDM7502 Dual Monitor Desk Mount Installation Guide Comprehensive installation instructions for the BONTEC GDM7502 Dual Monitor Desk Mount, featuring gas spring arm technology. Includes setup, adjustments, and safety precautions for VESA compatible monitors.
	BONTEC GWM01 Monitor Wall Mount Instruction Manual | Installation Guide Comprehensive instruction manual for the BONTEC GWM01 Monitor Wall Mount. Includes safety information, VESA compatibility checks, installation steps for various wall types, and adjustment guides.
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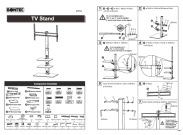	BONTEC Universal Floor TV Stand Assembly Instructions Comprehensive guide for assembling the BONTEC Universal Floor TV Stand, suitable for 30-70 inch TVs. Includes component checklist, step-by-step instructions, and safety tips.