NB ERGONOMIC A6

NB ERGONOMIC Gaming Monitor Arm A6 Instruction Manual

Model: A6

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your NB ERGONOMIC Gaming Monitor Arm A6. Designed for heavy-duty use, this monitor arm supports flat, ultrawide, and curved monitors ranging from 27 to 50 inches, with a load capacity of 2-18 kg (4-40 lbs). It features universal VESA 75x75mm/100x100mm compatibility and advanced mechanical spring technology for stable and precise monitor positioning.

Please read this manual thoroughly before installation and use to ensure proper setup and to maximize the ergonomic benefits of your monitor arm.

2. SAFETY INFORMATION

WARNING: Failure to follow these instructions may result in property damage or personal injury.

- Ensure your desk surface is stable and strong enough to support the combined weight of the monitor arm and your monitor.
- Do not exceed the maximum weight capacity of 18 kg (40 lbs).
- Verify that your monitor has VESA 75x75mm or 100x100mm mounting holes.
- Keep small parts away from children.
- Use only the provided hardware. Using incorrect screws may damage your monitor.
- Adjust tension screws only after the monitor is securely mounted to prevent sudden movement.
- Do not attempt to modify the monitor arm.

Important Note: Certain desktop types are not suitable for monitor mount installation:
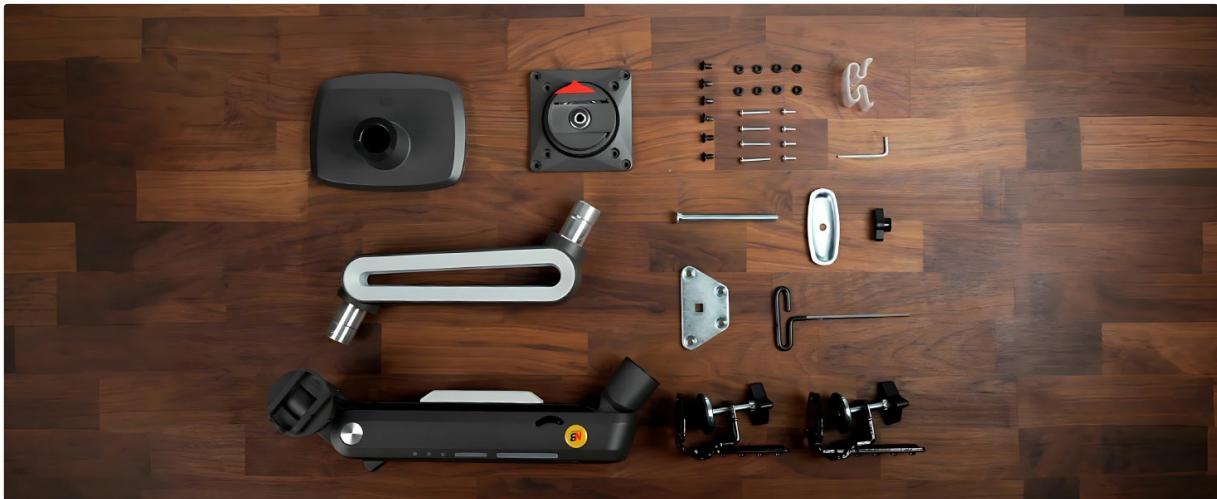

Unsuitable Desktops: Fragile desktops (e.g., marble, glass), desks with too narrow clamping surfaces due to baffles, or desks with irregular/beveled edges are not recommended for clamp mounting.

3. PACKAGE CONTENTS

Before proceeding with installation, please verify that all components are present and undamaged. Refer to the image below for a visual guide to the included parts.

Purchase Attention

1.The following desktops are not suitable for installing monitor mount
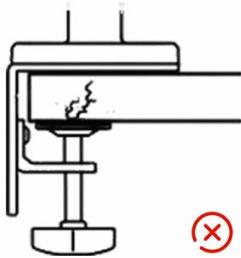
⊗	⊗	⊗
Fragile desktop such as marble and glass	Too narrow clamp surface due to table bottom baffle	The desktop with irregular or beveled edges
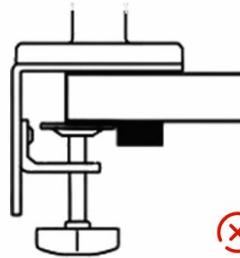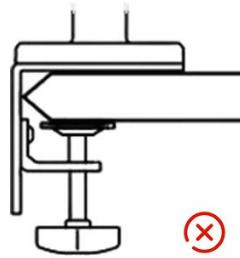
Image Description: This image displays all parts of the monitor arm kit, including the main arm, VESA plate, desk clamp components, grommet mount parts, various screws (M4x10, M4x12, M6x10, M6x12), washers, Allen wrenches, and cable management accessories.

4. SETUP

4.1 Pre-Installation Checks

1. **Desk Compatibility:** Ensure your desk is suitable for mounting. Avoid fragile materials like glass or marble. For C-clamp mounting, the desk thickness should be 20-90mm (0.8"-3.5") and the bottom depth above 50mm (1.97"). For grommet mounting, the desk thickness should be 20-90mm (0.8"-3.5") and the hole diameter 10-60mm (0.4"-2.3").

2. **VESA Compatibility:** Locate the VESA mounting holes on the back of your monitor. The arm supports 75x75mm and 100x100mm patterns. If your monitor has an embedded hole, ensure the panel can be placed directly. If the embedded position is small, use the heightening pads and lengthened screws provided.

Purchase Attention

2.Confirm VESA hole position

1 Please find the area on the back of the monitor with the VESA symbo,which is a square pattern marked with four numbers 100×100mm or 75×75mm.

100mm
100mm

VESA holes on the back

Remove the back cover to find VESA holes

2.If your monitor has an embedded hole and the panel can be placed directly in the embedded hole, it can be installed and used directly.If the embedded position is small and the panel cannot be placed inside, you can use the heightening pads and lengthened screws in the screw package to install it
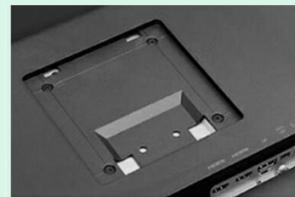
M4X12 Screws×4   M4X30 Screws×4   M6X12 Screws×6

Image Description: This image shows how to identify VESA mounting holes on a monitor, including removing a back panel if necessary. It also illustrates the use of heightening pads and different screw sizes for monitors with embedded VESA mounts.

Grommet type

The desk Thickness: 20-90mm(0.8"-3.5")
Hole diameter: 10-60mm(0.4"-2.3")

C-Clamp type

The desk Thickness: 20-90mm(0.8"-3.5")
Depth of bottom above : 50mm(1.97")
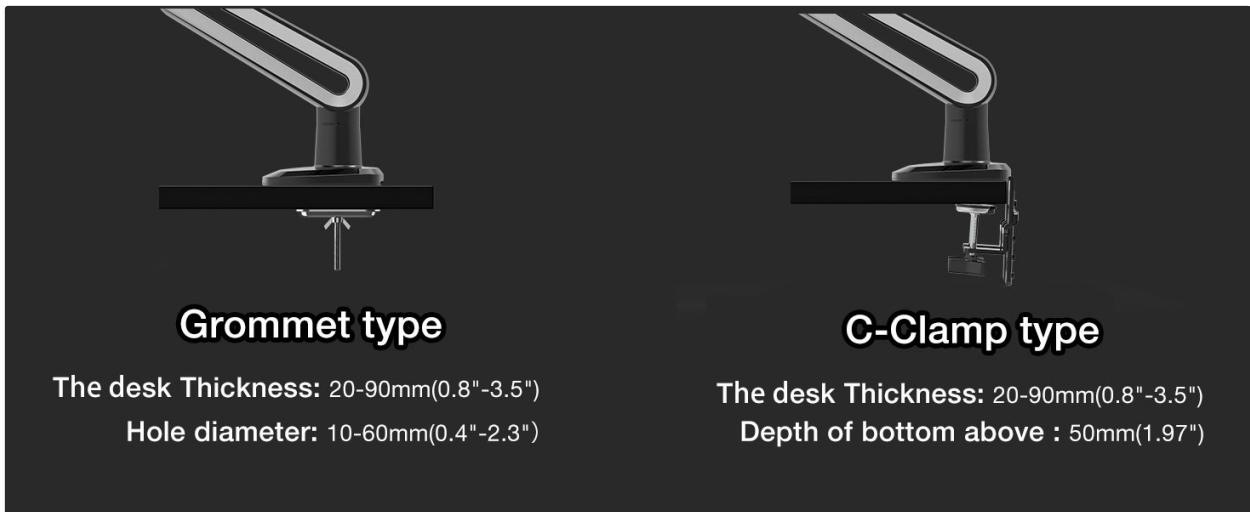
Image Description: This diagram specifies the required desk dimensions for both Grommet and C-Clamp mounting methods, including desk thickness and hole diameter for grommet, and desk thickness and bottom depth for C-clamp.

4.2 Mounting the Arm to the Desk

The monitor arm supports two mounting methods: C-Clamp and Grommet.

A. **C-Clamp Installation:**

- Attach the C-clamp base to the edge of your desk.
- Tighten the clamp screws securely until the base is firm and stable.
- Insert the main pole of the monitor arm into the C-clamp base.

B. **Grommet Installation:**

- If your desk has a grommet hole, insert the grommet base through the hole.
- Secure the base from underneath the desk using the provided plate and nut.
- Insert the main pole of the monitor arm into the grommet base.

Image Description: A detailed view of the C-clamp base, showing how it attaches to the desk edge with two tightening screws for stability.

4.3 Attaching the Monitor

1. Attach the VESA plate to the back of your monitor using the appropriate screws (M4x10, M4x12, M6x10, M6x12) and washers. Ensure the screws are not too long to avoid damaging the monitor's internal components.
2. Carefully lift the monitor with the attached VESA plate and slide it onto the monitor arm's mounting head. Ensure it clicks securely into place.
3. Confirm the quick-release mechanism is engaged.

Quick Installation
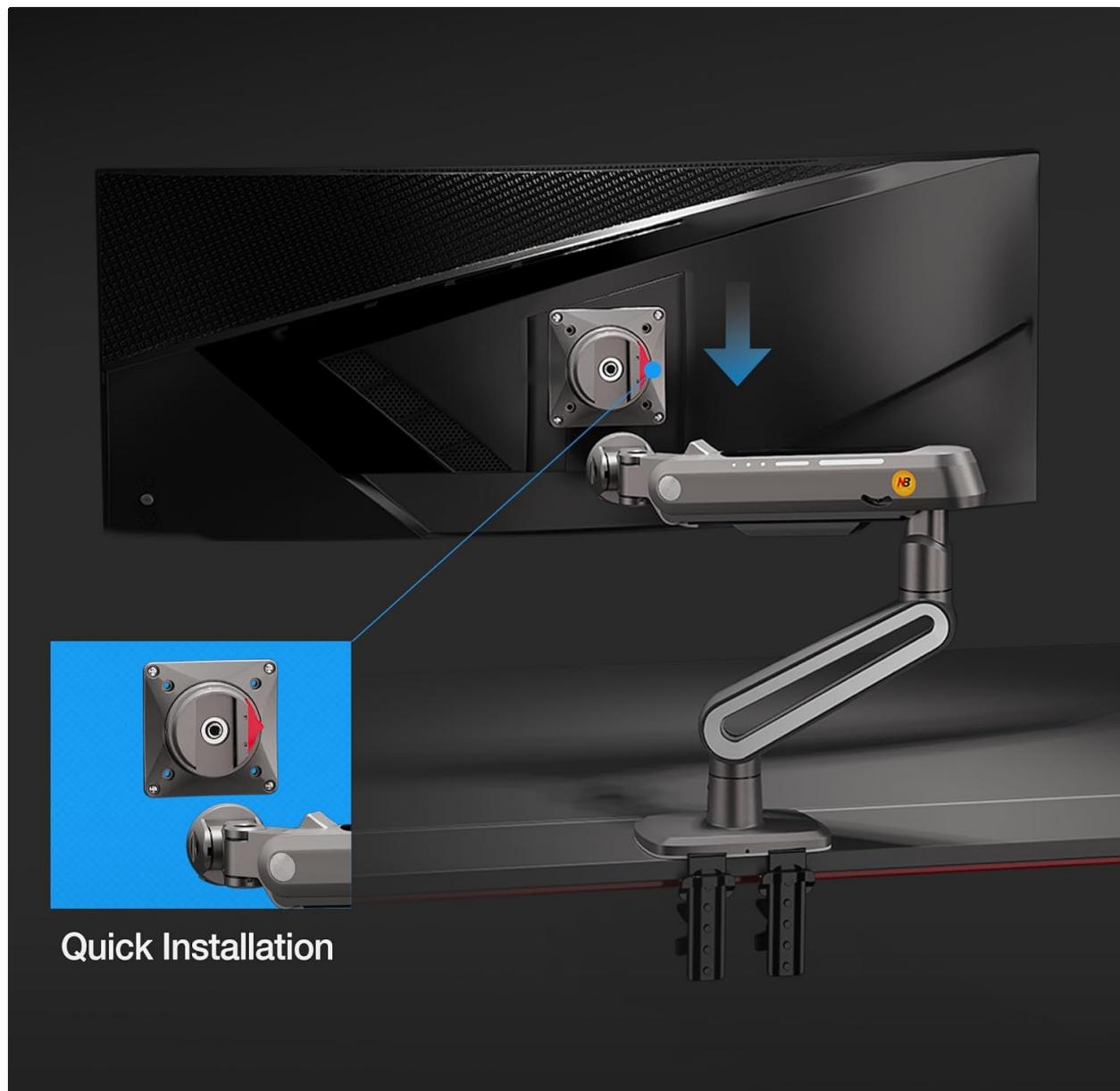
Image Description: This image demonstrates the quick installation of the monitor onto the arm. The VESA plate, already attached to the monitor, slides down onto the arm's head, with an inset showing the red quick-release lever in the locked position.

Model	Screen size	Capacity	Materials	Swivel angles
A6	Up to 50 inches	2-18Kg	Aluminum alloy / Cold-rolled sheet / ABS	±90°
Rotation angles	**Tilt angles**	**Lift**	**Mounting method**	**VESA**
360°	±50°	260mm	Clip type / Hole type mounting	75×75mm/100×100mm

Image Description: This image reiterates the quick installation and easy disassembly process, showing the VESA plate being attached to the arm's head and the red lever for securing or releasing the monitor.

4.4 Cable Management

Route your monitor cables through the integrated cable management channels on the arm to maintain a tidy workspace.

Image Description: A close-up view of the monitor arm's cable management system, illustrating how a blue cable is neatly tucked into the arm's channel.

5. OPERATION

5.1 Adjusting Monitor Position

The NB ERGONOMIC Gaming Monitor Arm A6 offers extensive adjustability for optimal viewing comfort:

- **Height Adjustment (Lift):** The arm provides 260mm (10.2 inches) of vertical lift. Gently push or pull the monitor to the desired height.
- **Tilt:** Adjust the monitor tilt by ±50° to reduce glare and find your preferred viewing angle.
- **Swivel:** Swivel the monitor 360° at the VESA plate for easy screen sharing or portrait mode.
- **Rotation:** The arm allows 360° rotation at two points for flexible positioning.
- **Extension:** The arm can extend up to 620mm (24.4 inches) from the mounting point.

Image Description: This image illustrates the maximum extension (24.4 inches / 620mm) and vertical lift (10.2 inches / 260mm) capabilities of the monitor arm, demonstrating its range of motion.

Image Description: This image visually explains the arm's articulation, including 360° swivel, 360° rotation at two joints, and ±50° tilt, showcasing its flexibility.

5.2 Tension Adjustment

The arm's gas spring tension needs to be adjusted to match the weight of your monitor for optimal performance and stability. This adjustment should only be done **after** the monitor is mounted.

1. Locate the tension adjustment screw on the arm (usually covered by a cap).
2. Use the provided Allen wrench to turn the screw.

   - If the monitor **raises up** on its own: Turn the screw towards the "**-**" direction to reduce tension for a lighter monitor.
   - If the monitor **falls down** on its own: Turn the screw towards the "**+**" direction to increase tension for a heavier monitor.

3. Adjust gradually until the monitor stays at the desired height without drifting up or down.

Tension Adjustment

Image Description: This image illustrates the tension adjustment process. It shows the monitor arm with a monitor and an inset detailing the tension screw. Instructions guide the user to adjust tension based on whether the monitor raises or falls, emphasizing that adjustment should occur after mounting.

6. MAINTENANCE

- Regularly check all screws and connections to ensure they remain tight and secure.
- Clean the monitor arm with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- If movement becomes stiff or jerky, a thin layer of silicone grease can be applied to the joints, if accessible, to improve glide.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Monitor sags or falls down.	Insufficient gas spring tension for monitor weight.	Increase tension by turning the adjustment screw towards "**+**" (clockwise). Ensure monitor is mounted before adjusting.
Monitor floats up or is difficult to push down.	Excessive gas spring tension for monitor weight.	Decrease tension by turning the adjustment screw towards "**-**" (counter-clockwise). Ensure monitor is mounted before adjusting.
Arm feels loose or unstable.	Mounting screws or clamp not fully tightened.	Check and tighten all mounting screws (desk clamp/grommet and VESA plate screws).
Monitor does not fit VESA plate.	Incorrect VESA pattern or screw size.	Verify monitor VESA pattern (75x75mm or 100x100mm). Use correct screw length and heightening pads if necessary.

8. SPECIFICATIONS

Feature	Detail
Model	A6
Screen Size Compatibility	27 to 50 inches (Flat, Ultrawide, Curved)
Weight Capacity	2-18 kg (4-40 lbs)
VESA Compatibility	75x75mm, 100x100mm
Mounting Method	C-Clamp, Grommet
Material	Aluminum alloy, Cold-rolled steel, ABS
Height Adjustment (Lift)	260mm (10.2 inches)
Tilt Angle	±50°
Swivel Angle	360°
Rotation Angle	360°
Maximum Extension	620mm (24.4 inches)
Desk Thickness (C-Clamp)	20-90mm (0.8"-3.5")
Desk Thickness (Grommet)	20-90mm (0.8"-3.5")
Grommet Hole Diameter	10-60mm (0.4"-2.3")

Image Description: This diagram provides a summary of the product's key specifications, including dimensions, weight capacity, VESA standards, and articulation ranges.

9. WARRANTY

The NB ERGONOMIC Gaming Monitor Arm A6 is backed by a **2-year warranty**. This warranty covers manufacturing defects and ensures the product meets its stated performance standards. Please retain your proof of purchase for warranty claims.

10. CUSTOMER SUPPORT

For technical assistance, warranty claims, or any questions regarding your NB ERGONOMIC Gaming Monitor Arm A6, please contact our customer support team. Refer to the product packaging or the official NB ERGONOMIC website for contact details.

Related Documents - A6

[NB ERGONOMIC F80 Gas Spring Desk Mount - Installation Guide & Specifications](#)
Comprehensive installation guide for the NB ERGONOMIC F80 gas spring desk mount. Learn how to install, adjust, and safely use this monitor arm for displays from 17" to 30".

[NB Ergonomic Motorized TV Cart Model T100 Assembly and Operation Manual](#)
Comprehensive assembly and operation guide for the NB Ergonomic Model T100 Motorized Height Adjustable Heavy Duty Mobile TV Cart, designed for 75-120 inch screens and supporting up to 136.4kg.

[NB-A6 Gaming Monitor Arm Specifications](#)
Detailed specifications for the NB-A6 Gaming Monitor Arm, a versatile and ergonomic solution for mounting monitors up to 50 inches and 18kg. Includes VESA compatibility, load capacity, and installation options.

[NB-A6 Gaming Monitor Arm Installation Guide](#)
Comprehensive installation guide for the NB-A6 Gaming Monitor Arm, supporting 27"-50" screens and up to 18kg. Includes setup instructions, safety precautions, and adjustment details.

[Secretlab MAGNUS Monitor Arm Setup Guide & Ergonomic Tips](#)
Comprehensive guide to setting up your Secretlab MAGNUS Monitor Arm, including positioning, cable management, VESA mounting, and ergonomic optimization for a comfortable and efficient workspace.
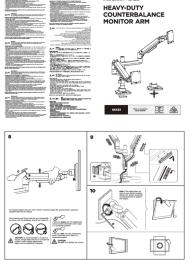
[wiltec Heavy-Duty Counterbalance Monitor Arm 65433 Instruction Manual](#)
Comprehensive instruction manual for the wiltec 65433 Heavy-Duty Counterbalance Monitor Arm. Includes safety warnings, parts list, detailed assembly steps, and balancing adjustments for optimal monitor positioning.