

## NB ERGONOMIC G80

# NB ERGONOMIC G80 Extra Height Gaming Monitor Arm Instruction Manual

Model: G80

## 1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient installation, operation, and maintenance of your NB ERGONOMIC G80 Extra Height Gaming Monitor Arm. Please read this manual thoroughly before installation and retain it for future reference. This monitor arm is designed to support monitors from 32 to 60 inches, weighing between 2 kg and 20 kg, with VESA 75x75mm or 100x100mm mounting patterns.

## 2. SAFETY INFORMATION

**Warning: Please be careful when releasing the arm to avoid injury from mechanical spring force. Always follow the installation steps carefully.**

- Ensure your desktop is suitable for monitor arm installation. Avoid fragile surfaces like marble or glass, desktops with too narrow clamp surfaces due to bottom baffles, or those with irregular or beveled edges.
- Verify your monitor's VESA compatibility (75x75mm or 100x100mm). If your monitor has an embedded hole, ensure the panel can be placed directly. If not, use the provided heightening pads and lengthened screws.
- Do not exceed the maximum weight capacity of 20 kg (44 lbs) or the specified screen size range (32-60 inches).
- Keep children and pets away during installation.
- Tighten all screws securely but do not overtighten.

## 3. PACKAGE CONTENTS

Please verify that all components are present before beginning installation:



Image: All parts included in the NB ERGONOMIC G80 monitor arm package.

- Monitor Arm Assembly (Main Arm, Pole, Base)
- VESA Plate
- C-Clamp Mounting Hardware
- Grommet Mounting Hardware
- Cable Management Clips
- Hex Keys and Installation Tools
- Various Screws and Spacers for VESA Mounting

## 4. SETUP AND INSTALLATION

### 4.1 Pre-Installation Checks

Before mounting, ensure your desk and monitor meet the compatibility requirements.



Image: Examples of desktop types unsuitable for monitor arm mounting.

## Purchase Attention

1.The following desktops are not suitable for installing monitor mount

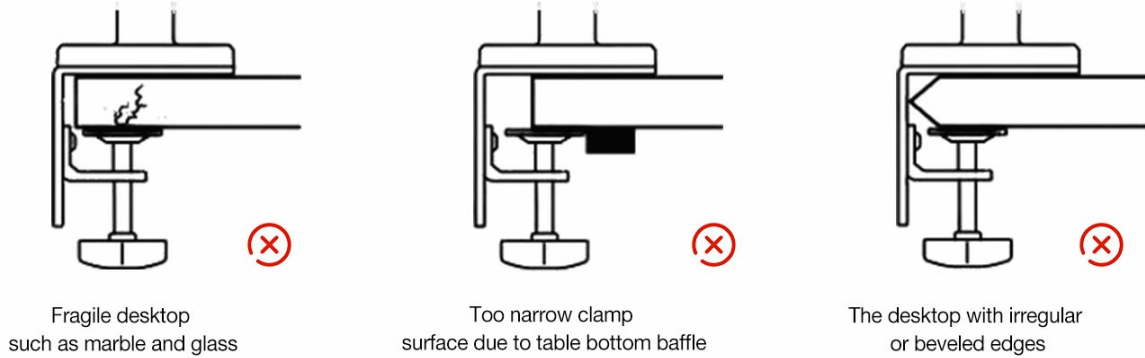


Image: Guide to confirming VESA hole positions on your monitor.

## 4.2 Mounting Options

The G80 monitor arm offers two installation methods: C-Clamp and Grommet.



Image: Two available mounting methods: Grommet and C-Clamp.

### C-Clamp Type:

- Suitable for desk thickness: 20-90mm (0.8"-3.5").
- Minimum depth of bottom above: 50mm (1.97").

### Grommet Type:

- Suitable for desk thickness: 20-90mm (0.8"-3.5").
- Hole diameter: 10-60mm (0.4"-2.3").

## 4.3 Step-by-Step Installation

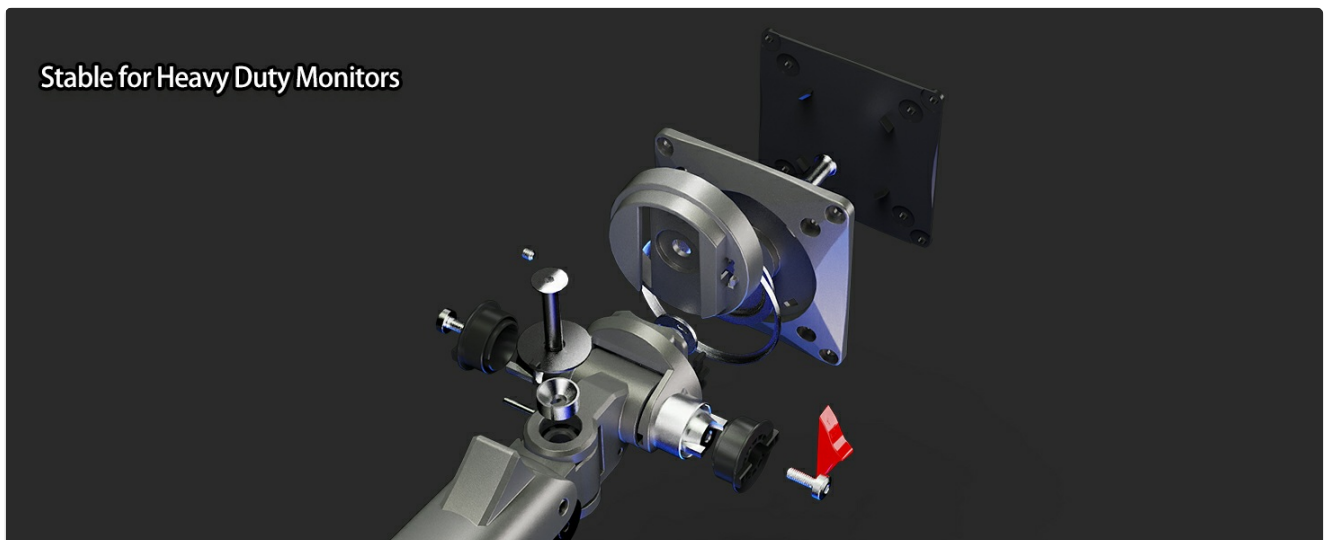


Image: Product Installation Guide, steps 1-4.

1. **Install the Base:** Securely attach the chosen mounting base (C-Clamp or Grommet) to your desk. Ensure it is stable and tight.
2. **Prepare the Arm:** The arm comes pre-compressed. Carefully press the upper arm down to relieve tension.
3. **Release Spring Force:** While pressing the upper arm, slowly release the wrapping tape that secures the arm.

Maintain control to prevent sudden movement.

4. **Unfold the Bracket:** Slowly release the arm until the bracket is fully unfolded.

#### 4.4 Monitor Attachment

The G80 features a quick-release VESA plate for easy monitor attachment.



Image: Quick Installation and Disassembly of the VESA plate.

1. Attach the VESA plate to the back of your monitor using the appropriate screws and spacers.
2. Slide the VESA plate with the attached monitor onto the arm's mounting head until it clicks securely into place.

### 5. OPERATION

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#### 5.1 Adjusting Monitor Position

The G80 monitor arm offers extensive adjustability for optimal viewing comfort.

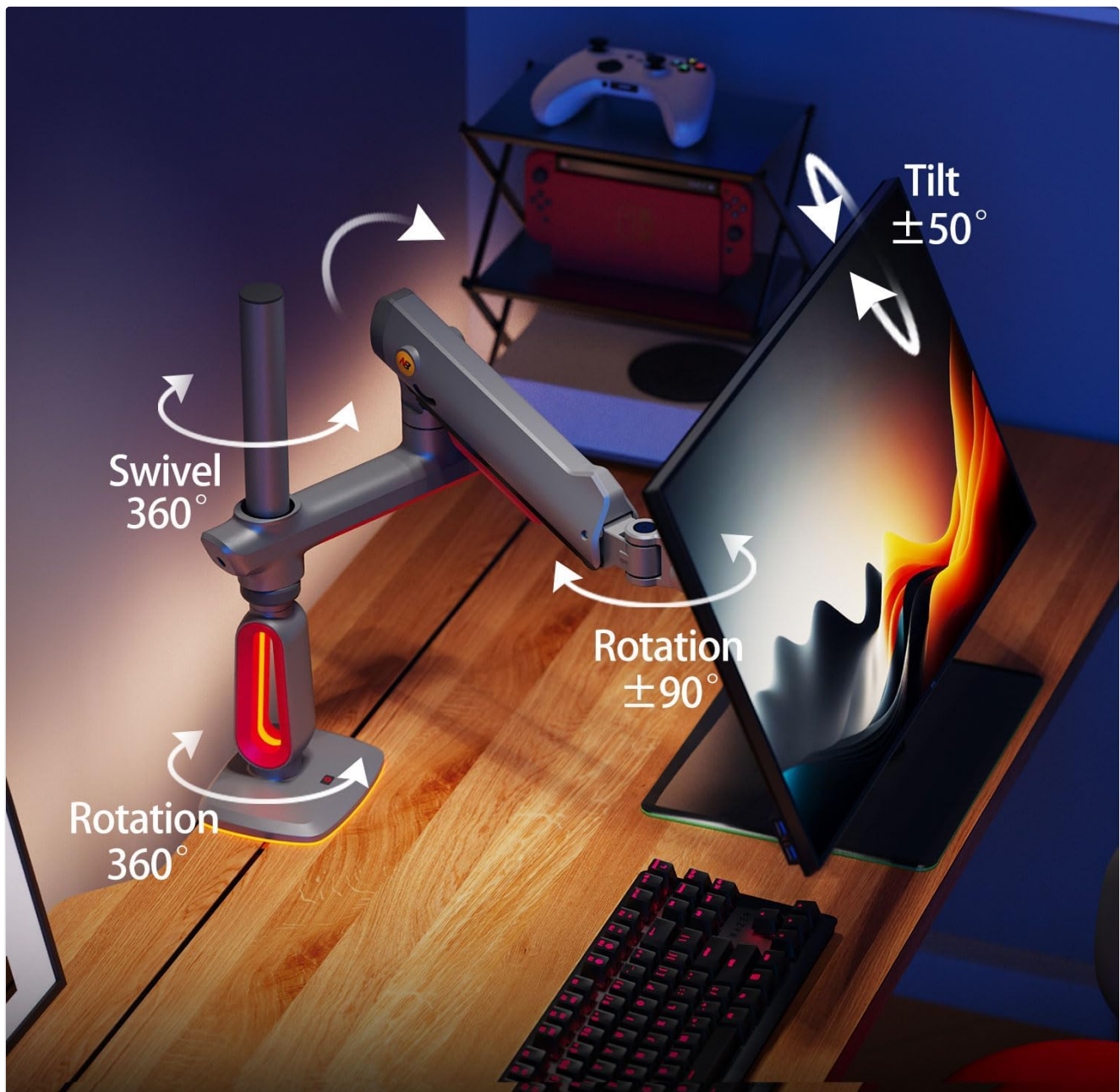


Image: Monitor arm demonstrating swivel, rotation, and tilt adjustments.

- **Height Adjustment:** The arm allows for significant vertical movement, rising up to 27 inches above the desk.
- **Tilt:** Adjust the monitor angle from  $-50^{\circ}$  to  $+50^{\circ}$  to reduce glare and optimize viewing.
- **Swivel:** Rotate the monitor arm  $360^{\circ}$  horizontally.
- **Rotation:** Rotate the monitor  $360^{\circ}$  from landscape to portrait orientation.
- **Extension:** The arm provides a maximum extension of 25 inches (635mm).

## 5.2 Tension Adjustment

Adjust the arm's tension to match your monitor's weight for smooth movement and stable positioning.

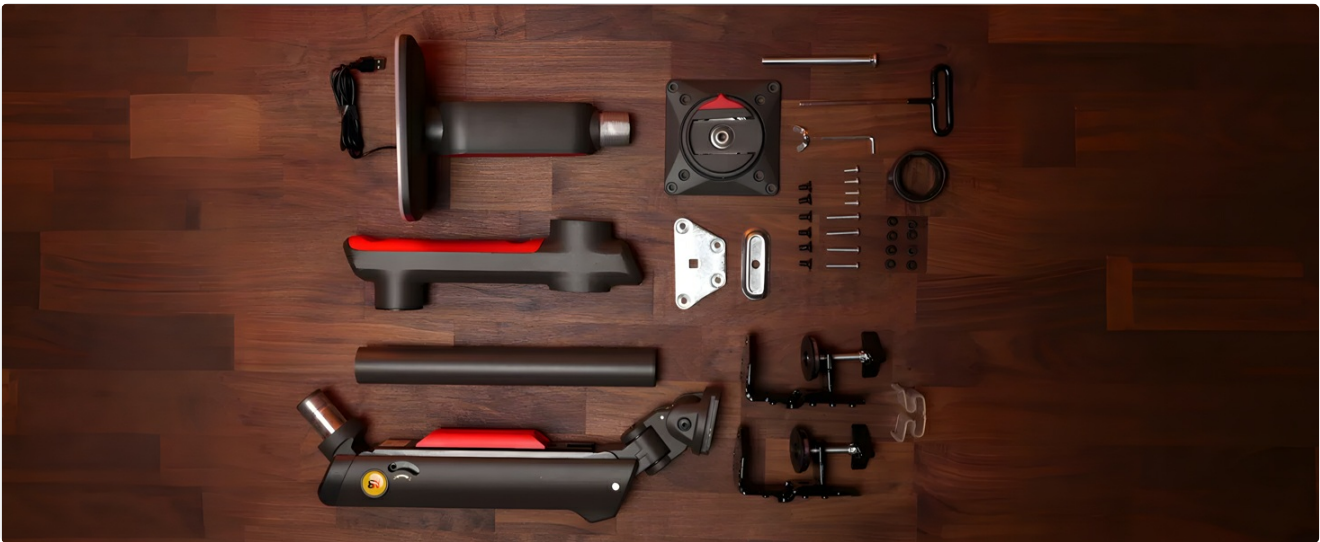


Image: Guide for adjusting arm tension based on monitor weight.

- **If the monitor rises:** Turn the adjustment screw in the '-' direction to reduce tension for a lighter monitor.
- **If the monitor falls:** Turn the adjustment screw in the '+' direction to increase tension for a heavier monitor.
- **Note:** Always hang your monitor before performing tension adjustment.

### 5.3 RGB Lighting Control

The integrated RGB lighting adds aesthetic appeal to your setup.

Product Parameters				
Model	Screen size	Capacity	Materials	Swivel angles
L70	Up to 60 inches	2-20Kg	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: Instructions for controlling the RGB lighting on the monitor arm base.

- **Turn On:** Press the button on the base once to turn on the RGB light.
- **Adjust Mode:** Press the button again to cycle through different light modes/colors.
- **Turn Off:** Long press the button to turn off the RGB light.

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your monitor arm, follow these maintenance guidelines:

- Regularly check all screws and connections to ensure they remain tight.
- Clean the arm and base with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- Do not apply excessive force when adjusting the arm; it is designed for smooth movement.
- Periodically check the cable management system to ensure cables are not pinched or damaged.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Monitor arm rises too high or won't stay down.	Tension is too high for the monitor's weight.	Turn the tension adjustment screw in the '-' direction to decrease tension.
Monitor arm sags or won't stay up.	Tension is too low for the monitor's weight.	Turn the tension adjustment screw in the '+' direction to increase tension.
Monitor wobbles or feels unstable.	Mounting base or VESA plate not securely tightened.	Check and tighten all screws on the desk clamp/grommet and the VESA plate connection. Ensure desk is stable.
RGB light is not working.	Power cable not connected or light is off.	Ensure the USB power cable for the RGB light is properly connected. Press the control button on the base to turn it on.
Difficulty adjusting arm movement.	Tension is not correctly set for monitor weight.	Adjust the tension screw as described in Section 5.2.

## 8. SPECIFICATIONS






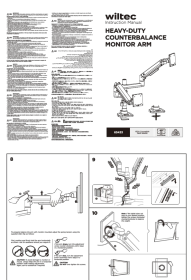
Feature	Specification
Model	G80
Screen Size Compatibility	32 to 60 inches (Curved / Ultra-wide / Flat)
Load Capacity	2 kg to 20 kg (4.4 lbs to 44 lbs)
VESA Compatibility	75x75mm, 100x100mm
Height Adjustment	Up to 27 inches above desk (Max. 29.1" / 740mm lift, 10.2" / 260mm range)
Tilt Angle	±50° (-50° to +50°)
Swivel Angle	360°
Rotation Angle	360° (±90° at VESA plate)
Maximum Arm Extension	25 inches (635mm)
Mounting Method	C-Clamp or Grommet
Desk Thickness (C-Clamp/Grommet)	20-90mm (0.8"-3.5")
Grommet Hole Diameter	10-60mm (0.4"-2.3")
Material	Aluminum alloy, Cold-rolled steel, ABS
Special Features	Built-in RGB-Light, Mechanical ProSpring Technology, Cable Management

## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the product packaging or contact NB ERGONOMIC customer service through the retailer where the product was purchased. Keep your proof of purchase for warranty claims.

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### Related Documents - G80

	<p><a href="#">NB ERGONOMIC F80 Gas Spring Desk Mount - Installation Guide &amp; Specifications</a></p> <p>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".</p>
	<p><a href="#">NB-A6 Gaming Monitor Arm Specifications</a></p> <p>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.</p>
	<p><a href="#">NB Ergonomic Motorized TV Cart Model T100 Assembly and Operation Manual</a></p> <p>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.</p>
	<p><a href="#">NB-A6 Gaming Monitor Arm Installation Guide</a></p> <p>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.</p>
	<p><a href="#">G80 Chain Sling with Hook - 39.37 inches</a></p> <p>A G80 chain sling with a hook, measuring 39.37 inches (1000 mm) in length, designed for lifting and securing applications.</p>
	<p><a href="#">wiltec Heavy-Duty Counterbalance Monitor Arm 65433 Instruction Manual</a></p> <p>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.</p>

