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> NB North Bayou F120-B Full Motion Gas Spring Monitor Wall Mount Instruction Manual

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Model: F120-B

1. INTRODUCTION

This manual provides detailed instructions for the safe and proper installation, operation, and maintenance of your NB North Bayou F120-B Full Motion Gas Spring Monitor Wall Mount. Please read this manual thoroughly before installation and retain it for future reference. The F120-B is designed to provide flexible positioning for monitors and TVs ranging from 17 to 27 inches, with a weight capacity of 4.4 to 15 lbs (2-7 kg).

2. SAFETY INFORMATION

WARNING: Failure to read and follow these instructions may result in serious personal injury, property damage, or voiding of your warranty. If you do not understand these instructions or have doubts about the safety of the installation, please contact customer support.

- Do not exceed the maximum load capacity of 15 lbs (7 kg).
- Ensure the mounting surface (wall) can safely support the combined weight of the mount and the monitor.
- Use only the provided hardware. Do not use the product for any purpose not explicitly specified by the manufacturer.
- This product contains small items that could be a choking hazard if swallowed. Keep away from children.
- Always have two people for installation to prevent injury or damage.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before installation. If any parts are missing or defective, contact your retailer for assistance.

- Wall Mount Assembly (Gas Spring Arm)
- VESA Plate

- Wall Plate
- Mounting Hardware Kit (screws, anchors, washers, Allen wrenches)
- Cable Management Clips

4. SETUP AND INSTALLATION

Before beginning, ensure your monitor meets the VESA compatibility and weight requirements.

4.1 Pre-Installation Checks

- **Monitor Size:** Compatible with 17-27 inch monitors.
- **Weight Capacity:** Supports monitors weighing between 4.4 lbs (2 kg) and 15 lbs (7 kg).
- **VESA Compatibility:** Supports VESA patterns 75x75mm and 100x100mm. If your VESA holes are recessed, longer screws or spacers may be required (not always included). The VESA plate dimensions are 118x118mm.

4.2 Wall Mounting

Determine your wall type (wood stud or solid concrete/masonry) and use the appropriate hardware.



Image: This image illustrates the two primary methods for installing the wall mount: directly onto a masonry or solid

concrete wall, and onto a wood stud. It shows the placement of the wall plate and the use of a built-in leveler for accurate positioning.

1. **Locate Mounting Position:** Choose a suitable location on your wall. For wood stud installation, use a stud finder to locate the center of a wood stud. For masonry/concrete, ensure the wall is solid.
2. **Mark Drill Holes:** Hold the wall plate against the wall at the desired height and use a pencil to mark the drill hole locations. Utilize the built-in bubble level on the base for precise horizontal alignment.
3. **Drill Pilot Holes:** Drill pilot holes according to the marked positions. The drill bit size will vary based on wall type and anchor/screw size.
4. **Attach Wall Plate:** Secure the wall plate to the wall using the appropriate screws and anchors for your wall type. Ensure it is firmly attached.
5. **Attach Arm Assembly:** Connect the gas spring arm assembly to the wall plate.

4.3 Attaching the Monitor

1. **Attach VESA Plate to Monitor:** Secure the VESA plate to the back of your monitor using the provided VESA screws. Ensure the screws are tightened securely but do not overtighten.
2. **Mount Monitor to Arm:** Carefully lift the monitor (with the VESA plate attached) and slide it onto the VESA mounting head of the arm assembly. Ensure it clicks into place or is secured with any locking mechanisms.

5. OPERATING AND ADJUSTMENTS

The F120-B offers full motion capabilities for optimal viewing comfort.



Image: This diagram illustrates the range of motion for the F120-B mount. It highlights the tilt angle of +35° to -50°, the 90° left and right swivel, and the maximum extension of 285mm (11.2 inches) from the wall, along with an upright distance of 130mm (5 inches).

5.1 Gas Spring Tension Adjustment

The gas spring tension must be adjusted to match your monitor's weight for smooth and stable height adjustments.



Image: This image demonstrates the gas spring tension adjustment. An Allen wrench is used to turn a screw, with clear indications to turn clockwise to increase tension (for heavier monitors) and counter-clockwise to reduce tension (for lighter monitors). The supported load capacity range of 4.4-15.4 lbs (2-7kg) is also displayed.

1. If the monitor rises on its own, reduce the tension by turning the adjustment screw counter-clockwise.
2. If the monitor sags or is difficult to raise, increase the tension by turning the adjustment screw clockwise.
3. Adjust until the monitor stays at any desired height effortlessly.

5.2 Tilt, Swivel, and Rotation



Image: This diagram details the rotational and swivel capabilities. It shows a 360° screen rotation, allowing for portrait or landscape orientation, and a 180° swivel at the arm's joint. The image also confirms VESA compatibility (75x75mm and 100x100mm) and highlights the built-in bubble level on the base for installation.

- **Tilt:** The monitor can be tilted from +35° to -50° to reduce glare and optimize viewing angles. Loosen the tilt bolt slightly if adjustment is stiff, then retighten.
- **Swivel:** The arm allows for a 90° swivel to the left and 90° to the right, providing flexible screen positioning.
- **Rotation:** The VESA plate allows for 360° screen rotation, enabling easy switching between landscape and portrait orientations.

5.3 Cable Management

Route your monitor cables through the integrated cable management clips along the arm to maintain a tidy appearance and prevent cable damage.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your wall mount.

- **Cleaning:** Wipe the mount with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Inspection:** Periodically check all screws and connections to ensure they are secure. Retighten if necessary.
- **Gas Spring:** If the gas spring performance changes over time, re-adjust the tension as described in Section 5.1.

7. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions.

- **Monitor Sags or Rises Unexpectedly:** Adjust the gas spring tension as detailed in Section 5.1.
- **Monitor Does Not Tilt:** Ensure the tilt adjustment bolt is not overtightened. Loosen slightly, adjust tilt, then retighten.
- **Mount Feels Loose on Wall:** Recheck all wall mounting screws and ensure they are securely fastened into the wall stud or anchors.
- **Cables Do Not Stay in Clips:** Ensure cables are properly routed and not excessively strained. Replace clips if damaged.

8. SPECIFICATIONS

Feature	Specification
Model Number	F120-B
Compatible Screen Size	17 - 27 inches
Load Capacity	4.4 - 15 lbs (2 - 7 kg)
VESA Compatibility	75x75mm, 100x100mm
Tilt Angle	+35° to -50°
Swivel Angle	±90°
Screen Rotation	360°
Upright Distance (Height Adjustment)	5 inches (130mm)
Maximum Extension from Wall	11.2 inches (285mm)
Folded Distance to Wall	3.35 inches (85mm)
Material	Aluminum
Color	Black
Product Dimensions	14.17 x 7.09 x 3.15 inches
Item Weight	2.65 pounds

9. WARRANTY AND SUPPORT

Specific warranty information for the NB North Bayou F120-B is not provided in this document. For warranty details, technical support, or replacement parts, please contact the manufacturer or your retailer directly. Keep your purchase receipt as proof of purchase.