

FORGING MOUNT FM4545

FORGING MOUNT Single Monitor Arm Stand User Manual

Model: FM4545

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your FORGING MOUNT Single Monitor Arm Stand, Model FM4545. This gas spring desk mount is designed to enhance your workspace ergonomics and free up valuable desk space. Please read this manual thoroughly before installation and use to ensure proper setup and safe operation.

2. SAFETY INFORMATION

- Ensure all components are present and undamaged before installation. Do not use if any parts are missing or defective.
- Verify that your monitor's weight and VESA pattern are within the specified limits of this mount. This mount supports monitors from 17" to 42" and up to 33 lbs (15 kg), with VESA patterns of 75x75mm or 100x100mm.
- Install the monitor arm on a sturdy desk surface that can support the combined weight of the mount and your monitor.
- Adjust the gas spring tension carefully according to your monitor's weight to prevent sudden movements.
- Keep children and pets away during installation.
- Do not overtighten screws, as this may cause damage.
- If you have any doubts about the installation process, consult a qualified professional.

3. PACKAGE CONTENTS

Please check the package to ensure all parts are included:

- Monitor Arm Assembly
- Desk Clamp Base
- Grommet Mount Base
- VESA Plate
- Hardware Kit (screws, washers, spacers)
- Hex Keys / Tools
- Instruction Manual (this document)



Image: Overview of the monitor arm stand and its primary components, including both clamp and grommet mounting options.

4. SPECIFICATIONS

Feature	Specification
Model Number	FM4545

Feature	Specification
Compatible Monitor Size	17" to 42"
Weight Capacity	4.4 - 33 lbs (2 - 15 kg)
VESA Compatibility	75x75mm, 100x100mm
Mounting Type	C-Clamp or Grommet Mount
Desk Thickness (C-Clamp)	Up to 3.35" (85mm)
Desk Thickness (Grommet)	0.39" - 2.75" (10-70mm)
Grommet Hole Diameter	0.39" - 2.36" (10-60mm)
Horizontal Extension	Up to 21.81" (554mm)
Vertical Height Adjustment	Up to 16.45" (418mm)
Tilt Range	-45° to +90°
Swivel Range	±180°
Rotation	360°
Material	Metal

PREMIUM ULTRAWIDE MONITOR MOUNT

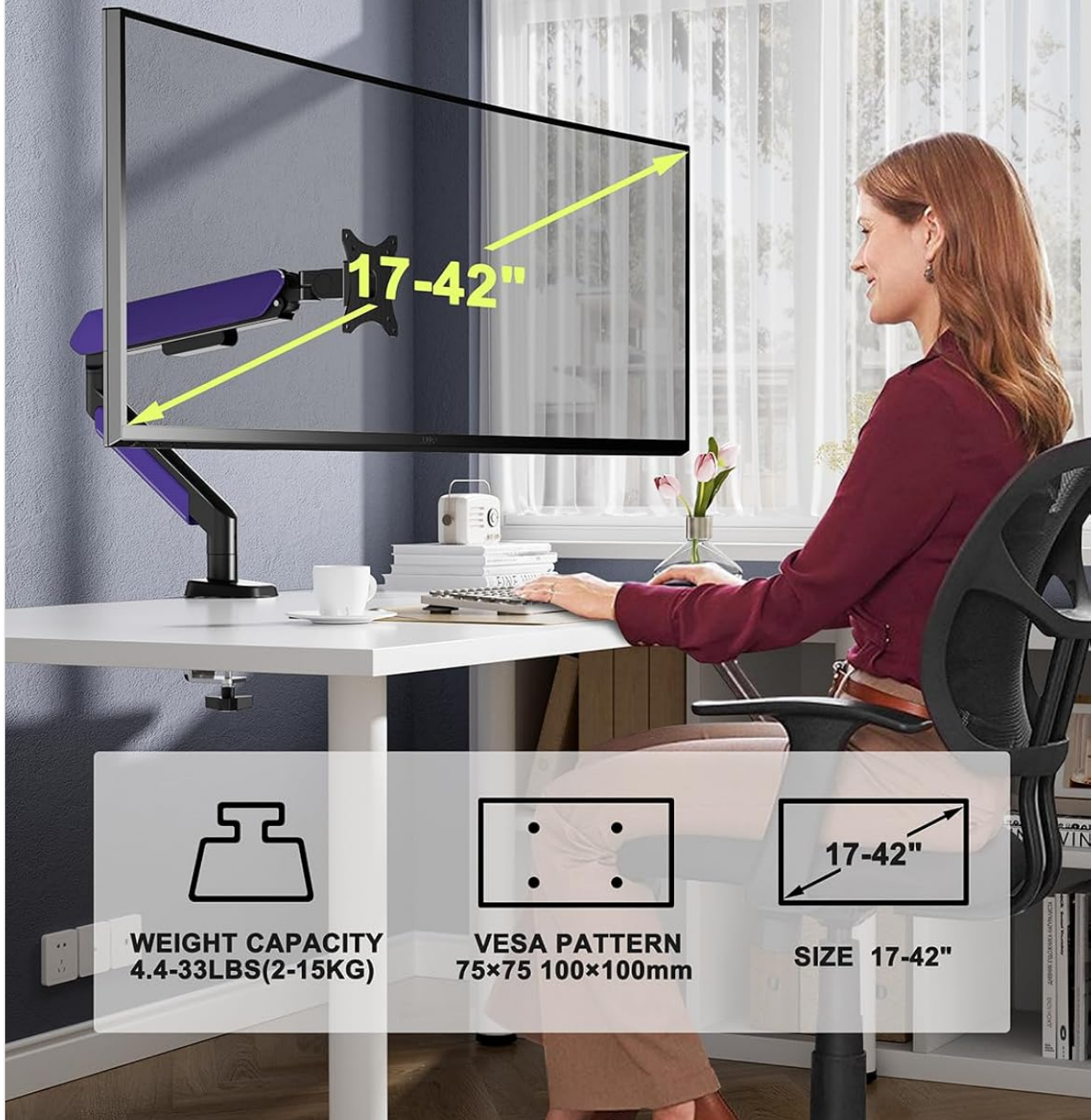


Image: Compatibility details for monitor size, weight, and VESA patterns.

5. SETUP AND INSTALLATION

The monitor arm offers two installation methods: C-Clamp and Grommet Mount. Choose the method that best suits your desk.

5.1 Choose Your Mounting Method

TWO INSTALLATION METHODS

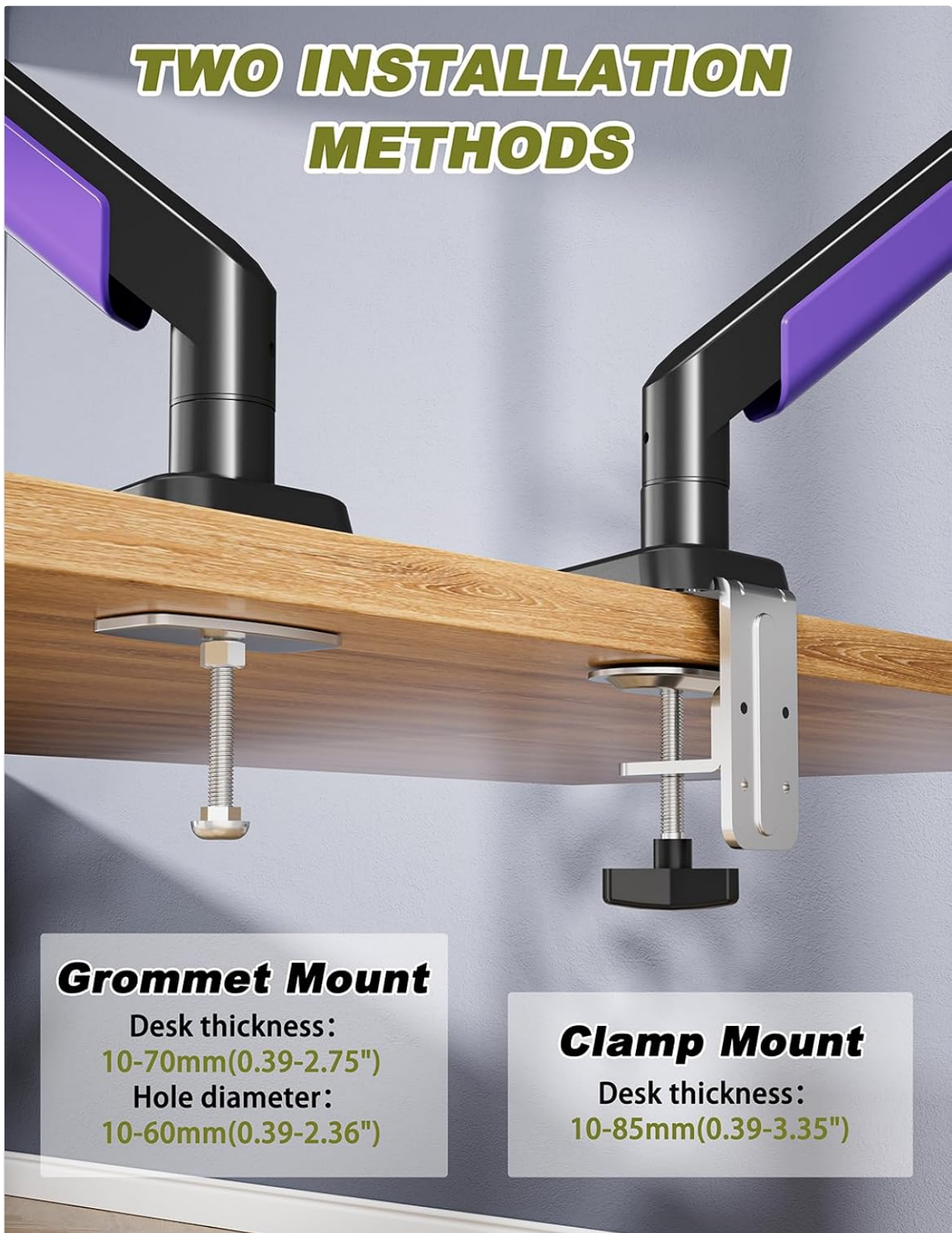


Image: Detailed view of C-Clamp and Grommet mounting options and their respective desk thickness requirements.

5.2 Attaching the VESA Plate to Your Monitor

1. Carefully place your monitor face down on a soft, clean surface to prevent scratches.
2. Align the VESA plate with the mounting holes on the back of your monitor.
3. Secure the VESA plate using the appropriate screws, washers, and spacers from the hardware kit. Ensure they are tightened securely but do not overtighten.

5.3 Attaching the Monitor to the Arm (Quick Release)

The monitor arm features a quick-release mechanism for easy attachment and detachment of your monitor.

1. With the VESA plate attached to your monitor, slide the monitor (with VESA plate) onto the arm's mounting head.
2. Ensure the VESA plate clicks securely into place. A locking lever or screw will typically be present to further secure it.



Image: Quick release mechanism for monitor attachment.

6. OPERATING AND ADJUSTMENTS

Once installed, you can adjust your monitor for optimal viewing comfort and productivity.

6.1 Gas Spring Tension Adjustment

The gas spring allows for smooth and effortless height adjustment. You must adjust the tension to match your monitor's weight.

1. Keep the arm in a horizontal position during adjustment.
2. Use the provided hex key to turn the adjustment screw located on the arm.
3. Turn **clockwise** ("+" direction) to **increase tension** for heavier monitors (arm falls down).
4. Turn **counter-clockwise** ("- " direction) to **reduce tension** for lighter monitors (arm raises up).
5. Adjust until the monitor stays at the desired height without drifting up or down.

TENSION ADJUSTMENT

Please keep the arm in a horizontal position during adjustment.



Image: Gas spring tension adjustment instructions.

6.2 Monitor Movement

The arm provides extensive flexibility for positioning your monitor:

- **Tilt:** Adjust the screen angle from -45° to $+90^{\circ}$ to reduce glare and optimize viewing.
- **Swivel:** Rotate the monitor $\pm 180^{\circ}$ horizontally to share your screen or change viewing angles.
- **Rotation:** Rotate the monitor 360° from landscape to portrait orientation.
- **Height Adjustment:** Move the monitor vertically up to 16.45 inches (418mm).

- **Extension:** Extend the monitor horizontally up to 21.81 inches (554mm) from the mounting pole.



Image: Full range of motion for the monitor arm.

7. CABLE MANAGEMENT

The monitor arm includes integrated cable management channels to keep your workspace tidy and organized. Route your display and power cables along the arm and through the designated clips or covers to conceal them.

CABLE MANAGEMENT



Image: Cable management system on the monitor arm.

8. 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.
- Do not lubricate the gas spring mechanism. It is designed to be maintenance-free.

9. TROUBLESHOOTING

9.1 Monitor Drifts Down or Up

Solution: Adjust the gas spring tension. If the monitor drifts down, increase tension by turning the adjustment screw clockwise. If it drifts up, decrease tension by turning counter-clockwise. Refer to Section 6.1 for detailed instructions.

9.2 Monitor Arm is Wobbly

Solution:

- Ensure the desk clamp or grommet mount is securely tightened to the desk.
- Check that the VESA plate is firmly attached to both the monitor and the arm.
- Verify that your desk surface is stable and not flexing under the weight.

9.3 Difficulty Moving the Arm

Solution: The arm's joints may be too tight. Loosen the corresponding screws slightly with the hex key until movement is smooth but still holds position. Do not loosen excessively.

10. WARRANTY AND SUPPORT

FORGING MOUNT products are designed for durability and performance. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official FORGING MOUNT website. Please have your model number (FM4545) and purchase information ready when contacting support.