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## ARES WING GDT1003LWH

# ARES WING Desk Monitor Mount User Manual

Model: GDT1003LWH

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ARES WING Desk Monitor Mount (Model GDT1003LWH). Please read this manual thoroughly before installation and use to ensure proper function and safety. This monitor mount is designed to support a single monitor, compatible with screens ranging from 17 to 49 inches and weighing between 4.4 to 44 lbs.

## SAFETY INFORMATION

- Ensure all components are present and undamaged before assembly. Do not use if any parts are missing or defective.
- Verify that your monitor's weight and size are within the specified limits (4.4-44 lbs, 17-49 inches). Exceeding these limits can result in instability and damage.
- Confirm your monitor has compatible VESA mounting holes (75x75mm or 100x100mm). If not, a separate VESA adapter is required.
- Ensure your desk thickness is compatible with the chosen mounting method (C-clamp: 0.39-3.34 inches; Grommet: 0.39-1.8 inches).
- Adjust the gas spring tension according to your monitor's weight **before** attaching the monitor to prevent sudden drops or difficulty in adjustment.
- Keep children and pets away during installation.
- Do not overtighten screws, as this may cause damage.
- For any issues or concerns, contact ARES WING customer support.

## PACKAGE CONTENTS

Please check the package to ensure all the following components are included:

- Monitor Arm Assembly
- Desk Clamp (C-clamp)
- Grommet Mount Base
- VESA Plate
- Hardware Kit (screws, washers, spacers)
- Allen Wrenches
- User Manual (this document)

## SETUP AND INSTALLATION

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### 1. Check Monitor Compatibility

Before proceeding, ensure your monitor meets the following criteria:

- **VESA Pattern:** 75x75mm or 100x100mm.
- **Screen Size:** 17" to 49".
- **Weight Capacity:** 4.4 lbs to 44 lbs.

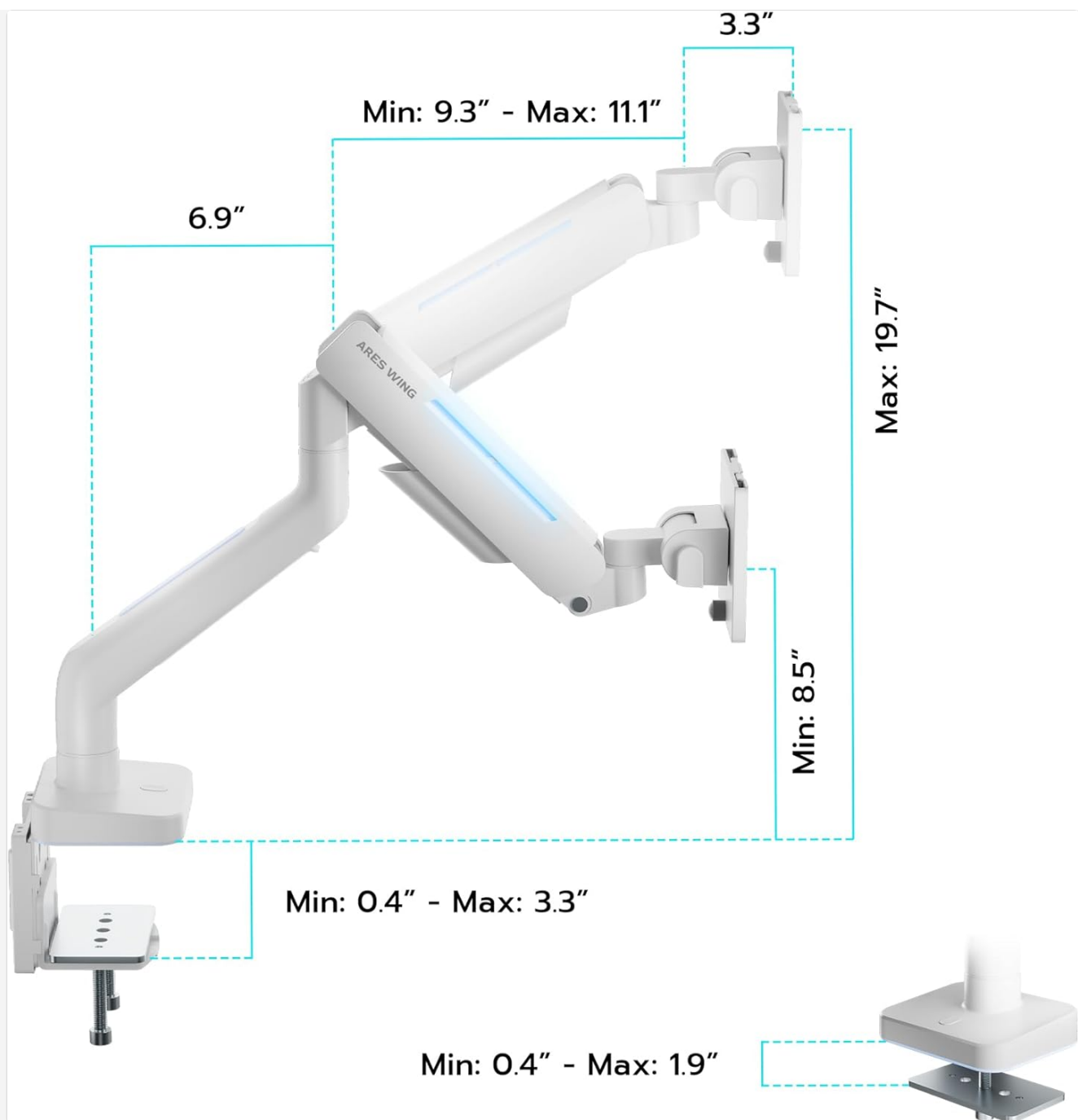


Figure 1: Monitor and Desktop Compatibility Check

For monitors without VESA holes, a separate VESA adapter is required. Some Samsung G9 monitors may come with a VESA adapter; please check your monitor's documentation.

## HOW TO TILT ULTRAWIDE MONITORS?



Figure 2: VESA Hole Check and Adapter Preparation

## 2. Choose Mounting Method

The ARES WING monitor mount supports two installation methods: C-clamp and Grommet mount.

- **C-Clamp:** Suitable for desk thickness between 0.39 inches (10mm) and 3.34 inches (85mm).
- **Grommet Mount:** Suitable for desk thickness between 0.39 inches (10mm) and 1.8 inches (45mm). Requires an existing hole in your desk.

## 3. Install the Desk Mount

Follow the instructions provided with your mount to securely attach the base to your desk using either the C-clamp or grommet method. Ensure the mount is stable before proceeding.

## 4. Adjust Gas Spring Tension

It is crucial to adjust the gas spring tension to match your monitor's weight **before** attaching the monitor. This prevents the arm from springing up or sagging.

- Use the provided Allen wrench to adjust the tension screw on the arm.
- Turn **counter-clockwise** for heavier monitors (to increase tension).
- Turn **clockwise** for lighter monitors (to decrease tension).
- Adjust until the arm can hold its position freely when moved without a monitor attached.

# Height and Tension Adjustment

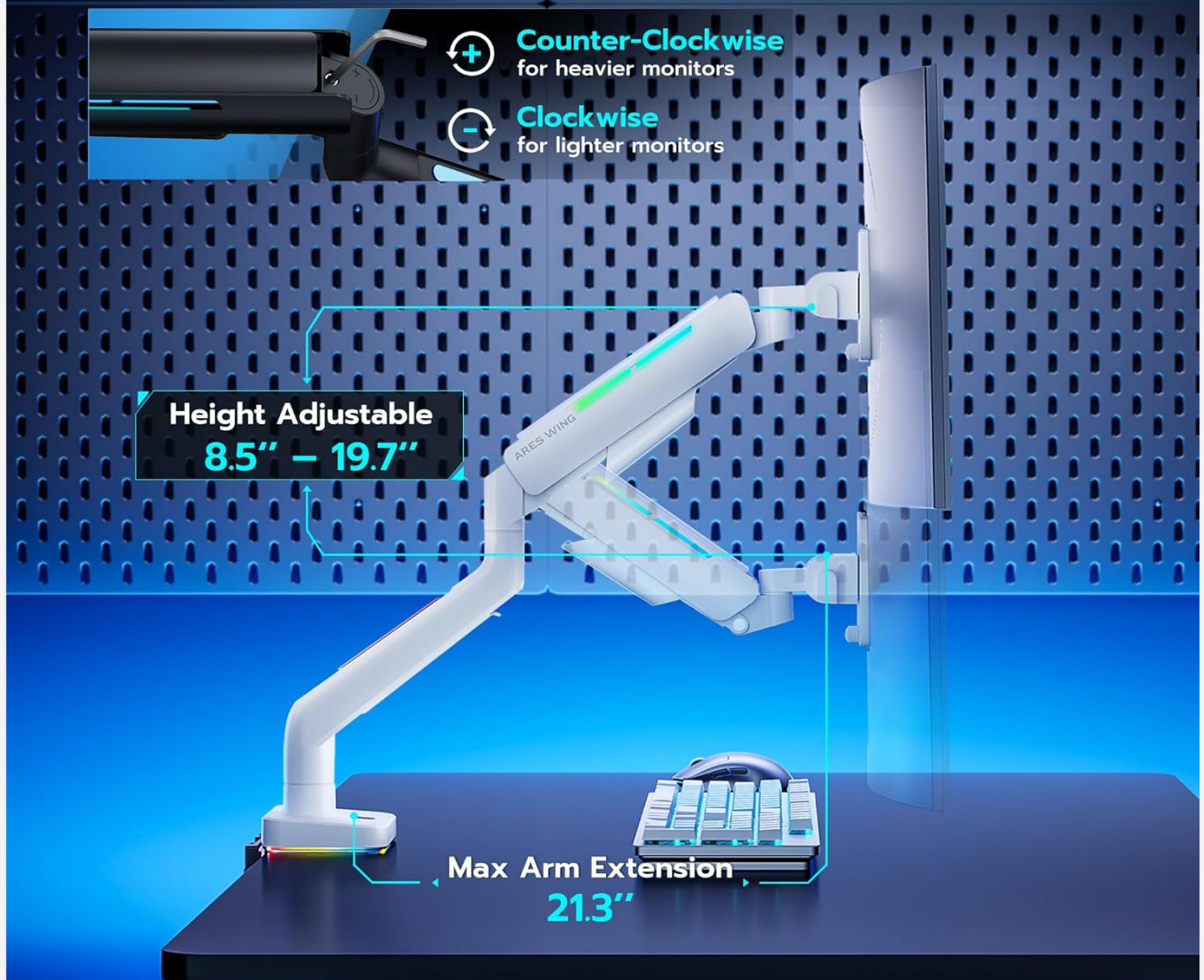


Figure 3: Gas Spring Tension Adjustment

## 5. Attach Monitor to VESA Plate

Secure the VESA plate to the back of your monitor using the appropriate screws and spacers from the hardware kit. Ensure the screws are tightened securely but do not overtighten.

## 6. Mount Monitor to Arm

Carefully slide the VESA plate with the attached monitor onto the monitor arm's VESA head. Ensure it clicks into place or is secured with any locking mechanism provided.

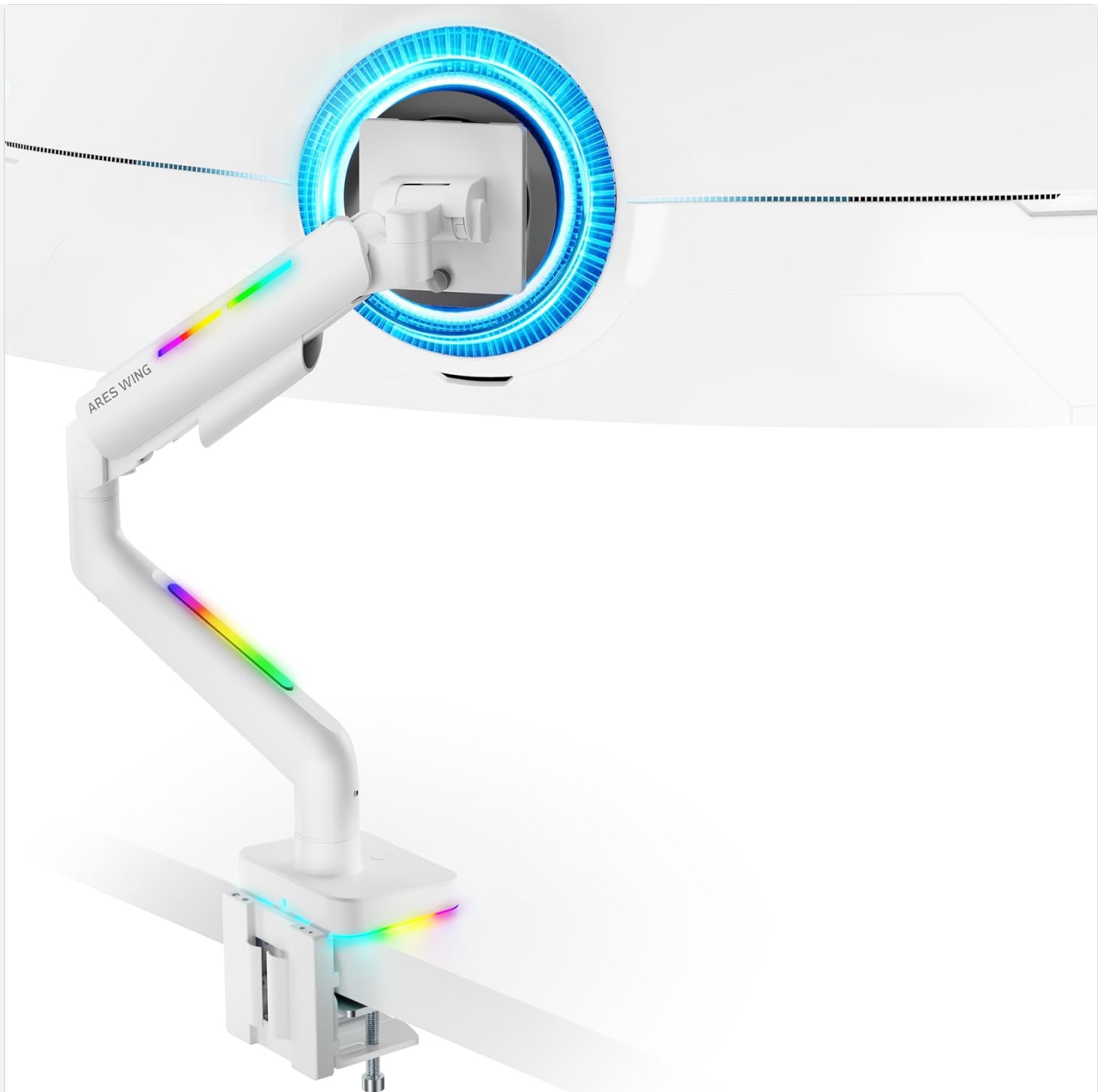


Figure 4: Monitor Mounted on ARES WING Arm

## OPERATING INSTRUCTIONS

### 1. Adjusting Monitor Position

The ARES WING monitor arm offers full motion capabilities for optimal ergonomic positioning:

- **Height Adjustment:** The arm allows vertical movement to raise or lower your monitor to the desired eye level. The height can be adjusted from 8.5 inches to 19.7 inches.
- **Tilt:** Tilt your monitor  $+50^{\circ}$  upwards or  $-20^{\circ}$  downwards to reduce glare and find the perfect viewing angle.
- **Swivel:** Swivel the monitor  $\pm 90^{\circ}$  left or right to share your screen or adjust for different tasks.
- **Rotation:** Rotate the monitor  $360^{\circ}$  to switch between landscape and portrait orientations.



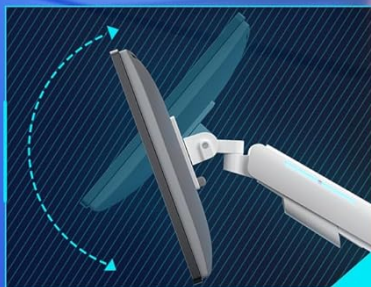
# Wide Range of Motion

Provide perfect gaming viewing angle

±180°

±90°

±135°



**Tilt** +50° to -20°



**Swivel** 180°



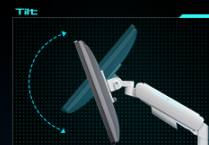
**Rotation** 360°

Figure 5: Full Motion Adjustment Capabilities

## FULLY ADJUSTABLE

Height Range  
8.5" – 19.7"

Max Arm Extension  
21.3"



**Tilt**  
+50° to -20°



**Swivel**  
180°



**Rotation**  
360°

Figure 6: Tilting Ultrawide Monitors

## 2. RGB Lighting Control

The monitor arm features integrated RGB lighting with 20 dynamic lighting effects. To control the lighting:

- Connect the USB cable from the monitor arm to a USB port on your computer or a USB power adapter.
- Locate the light control button on the base of the monitor arm.
- **Press and hold** the button for approximately 2-3 seconds to turn the RGB lighting ON or OFF.
- **Press briefly** to cycle through the 20 different lighting modes (Color Cycle, Chasing, Static, Wave, etc.).
- The lighting will remember the last mode used when turned back on.



Figure 7: RGB Lighting Control

### 3. Cable Management

Utilize the integrated cable management channels on the arm to route your monitor and power cables. This helps maintain a clean and organized workspace.

## MAINTENANCE

- **Cleaning:** Wipe the monitor arm with a soft, damp cloth. Avoid abrasive cleaners or solvents that could



damage the finish.

- **Periodic Checks:** Periodically check all screws and connections to ensure they remain tight and secure. Re-tighten if necessary.
- **Gas Spring:** The internal gas spring is designed for long-term durability (fatigue tested 20,000+ times). No specific maintenance is required for the gas spring itself, but ensure its tension is correctly set for your monitor's weight.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Monitor arm sags or won't stay up.	Gas spring tension is too low for monitor weight.	Increase gas spring tension by turning the adjustment screw counter-clockwise. Refer to "Adjust Gas Spring Tension" section.
Monitor arm is too stiff or won't move down.	Gas spring tension is too high for monitor weight.	Decrease gas spring tension by turning the adjustment screw clockwise. Refer to "Adjust Gas Spring Tension" section.
RGB lighting does not turn on.	USB cable not connected or button not pressed correctly.	Ensure USB cable is securely connected. Press and <b>hold</b> the light control button for 2-3 seconds to activate.
Monitor wobbles or is unstable.	Mount not securely fastened to desk or VESA plate not tight.	Check desk clamp/grommet mount for tightness. Ensure VESA plate screws are securely fastened to the monitor and the plate is properly seated on the arm.
Monitor cannot tilt smoothly.	Tilt mechanism screw is too tight.	Loosen the tilt adjustment screw slightly until smooth tilting is achieved. Refer to Figure 6.

## SPECIFICATIONS

Model Number	GDT1003LWH
Material	Aluminum, Iron
VESA Compatibility	75x75mm, 100x100mm
Screen Size Compatibility	17 - 49 inches (flat and curved monitors)
Weight Capacity	4.4 - 44 lbs (2 - 20 kg)
Height Adjustment Range	8.5 - 19.7 inches
Tilt Angle	+50° / -20°
Swivel Angle	±90°
Rotation	360°
Desktop Thickness (C-Clamp)	0.39 - 3.34 inches (10 - 85 mm)
Desktop Thickness (Grommet)	0.39 - 1.8 inches (10 - 45 mm)

## WARRANTY AND SUPPORT

ARES WING provides a **3-year Manufacturer Warranty** for this product. For any questions, technical assistance, or warranty claims, please contact ARES WING customer support through the retailer where you purchased the product or visit the official ARES WING website for contact information.

For more information and support, you may visit the [ARES WING Store on Amazon](#).

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## Related Documents - GDT1003LWH

	<a href="#">ARES WING Heavy-Duty Monitor Arm Installation Manual</a> Comprehensive installation guide for the ARES WING Heavy-Duty Counterbalance Monitor Arm (Model GDT1004). This manual provides step-by-step instructions for setup, including VESA compatibility checks, clamp and grommet installation, and arm adjustments. It also includes important safety information and frequently asked questions.
	<a href="#">Ares Wing Heavy-Duty Counterbalance Monitor Arm Installation Manual</a> Comprehensive installation guide for the Ares Wing Heavy-Duty Counterbalance Monitor Arm, featuring USB-A/USB-C ports. This manual provides step-by-step instructions, safety precautions, and troubleshooting tips for setting up your monitor arm.
	<a href="#">Ares Wing Heavy-Duty Counterbalance Monitor Arm Installation Manual</a> Comprehensive installation guide for the Ares Wing Heavy-Duty Counterbalance Monitor Arm with USB-A/USB-C Ports. Includes VESA compatibility checks, installation steps for clamp and grommet mounting, part lists, safety information, and troubleshooting tips.
	<a href="#">Ares Wing Heavy-Duty Counterbalance Monitor Arm Instruction Manual</a> Comprehensive instruction manual for the Ares Wing Heavy-Duty Counterbalance Monitor Arm, model GDT1004P-2. Includes detailed steps for clamp and grommet installation, arm adjustment, and monitor mounting.
	<a href="#">Ares Wing Heavy-Duty Counterbalance Monitor Arm with USB-A/USB-C Ports - Instruction Manual</a> This document provides detailed instructions for installing and using the Ares Wing Heavy-Duty Counterbalance Monitor Arm, including VESA compatibility checks, installation steps for clamp and grommet mounting, and safety precautions. It also includes a FAQ section.
	<a href="#">Ares Z Line 7" FPV Monitor Instruction Manual</a> Comprehensive instruction manual for the Ares Z Line 7" Standard Definition FPV Monitor. Covers setup, features, safety advice, specifications, and warranty information for the AZSZ1020 model.

