



Manuals.plus /

› Thermaltake /

› Thermaltake Dual Heavy Duty RGB Monitor Arm GEA-MSR-DMSBLK-01 User Manual

Thermaltake GEA-MSR-DMSBLK-01

Thermaltake Dual Heavy Duty RGB Monitor Arm

Model: GEA-MSR-DMSBLK-01

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Thermaltake Dual Heavy Duty RGB Monitor Arm, model GEA-MSR-DMSBLK-01. Please read this manual thoroughly before installation and retain it for future reference.

SAFETY INFORMATION

Please observe the following safety precautions to prevent injury or damage to the product:

- Ensure the desk surface is stable and capable of supporting the combined weight of the monitor arm and two monitors (up to 44 lbs per arm, total 88 lbs).
- Do not exceed the maximum weight capacity of 20 kg (44 lbs) per arm.
- Ensure all screws and bolts are securely tightened during installation. Loose connections can cause instability.
- Keep children and pets away from the installation area.
- Adjust the gas spring tension carefully. Improper adjustment can cause monitors to drop or spring up unexpectedly.
- Avoid pinching cables during installation and adjustment.
- If you encounter any difficulties or have questions, contact Thermaltake customer support.

PACKAGE CONTENTS

Verify that all components are present before beginning installation. If any parts are missing or damaged, please contact your retailer or Thermaltake customer support.

- Dual Monitor Arm Assembly (Main Pole, Arms)
- VESA Mounting Plates (2x)
- Desk Clamp Assembly
- Grommet Mount Components
- Hardware Kit (Screws for monitors, washers, Allen wrenches)

- Cable Management Clips
- User Manual

SPECIFICATIONS

Feature	Specification
Model Number	GEA-MSR-DMSBLK-01
Fit Screen Size	17" ~ 35"
Weight Capacity	2 ~ 20 kg x2 (4.4 lbs ~ 44 lbs x2)
Mounting System	Gas Spring
VESA Compatibility	75 x 75 mm, 100 x 100 mm
Tilt Range	+50° ~ -20°
Swivel Range	+90° ~ -90°
Screen Rotation	+108° ~ -108°
Max. Arm Height	217 ~ 500 mm
Max. Arm Extension	458 mm
Edge Installation (Clamp)	10 ~ 85 mm (0.39" ~ 3.3")
Grommet Installation	10 ~ 48 mm (0.39" ~ 1.9")
Back-Light	16.8 Million RGB Colors (20 RGB Lighting Modes)
Material	Metal
Color	Dark Grey

SETUP AND INSTALLATION

The Thermaltake Dual RGB Monitor Arm supports two installation methods: desk clamp and grommet mount. Choose the method suitable for your desk.

1. Desk Clamp Installation

1. **Attach the Clamp:** Secure the desk clamp assembly to the edge of your desk. Ensure the clamp is tightened firmly to prevent movement. The clamp supports desk thicknesses from 10 mm to 85 mm.



Image: Detail of the desk clamp mechanism, showing the tightening screws. This clamp allows for secure attachment to desk edges.

2. **Insert the Main Pole:** Place the main pole of the monitor arm into the clamp base. Tighten any securing screws on the clamp to hold the pole in place.

2. Grommet Mount Installation

1. **Prepare the Grommet Hole:** If your desk has a grommet hole, ensure it is clear. If not, you may need to drill a hole (consult a professional if unsure). The grommet mount supports desk thicknesses from 10 mm to 48 mm.
2. **Assemble Grommet Components:** Follow the instructions provided with the grommet mount components to secure the main pole through the desk hole. Tighten the bottom plate and nut securely from underneath the desk.

3. Attaching Monitor Arms and VESA Plates

1. **Attach Arms to Pole:** Slide the monitor arms onto the main pole at your desired height. Secure them using the

provided screws or levers.

2. **Attach VESA Plates to Monitors:** Remove the VESA plates from the monitor arms. Attach one VESA plate to the back of each monitor using the appropriate screws from the hardware kit. Ensure the screws are tightened securely but do not overtighten. The VESA plates are compatible with 75x75mm and 100x100mm patterns.
3. **Mount Monitors:** Carefully slide the monitors (with attached VESA plates) onto the monitor arms. Ensure they click into place or are secured with any locking mechanisms.



Image: An illustrative diagram detailing the dimensions of the monitor arm and the process of attaching VESA plates to monitors.

4. Cable Management

Route your monitor and power cables through the integrated cable management channels on the arms and main pole to maintain a tidy workspace.

OPERATION AND ADJUSTMENTS

The Thermaltake Dual RGB Monitor Arm offers extensive adjustability for optimal viewing comfort.

1. Gas Spring Tension Adjustment

The gas spring system allows for smooth height adjustment. If your monitor sags or springs up too easily, adjust the tension using the provided Allen wrench. Turn clockwise to increase tension (for heavier monitors) or counter-clockwise to decrease tension (for lighter monitors). Adjust gradually until the monitor stays in position when released.

2. Monitor Positioning

- **Height Adjustment:** Gently push or pull the monitor up or down to adjust its vertical position.
- **Tilt:** Tilt the monitor screen $+50^\circ$ upwards or -20° downwards to find your preferred viewing angle.
- **Swivel:** Swivel the monitor arm $+90^\circ$ to -90° horizontally.
- **Rotation:** Rotate the monitor screen $+108^\circ$ to -108° for landscape or portrait orientation.

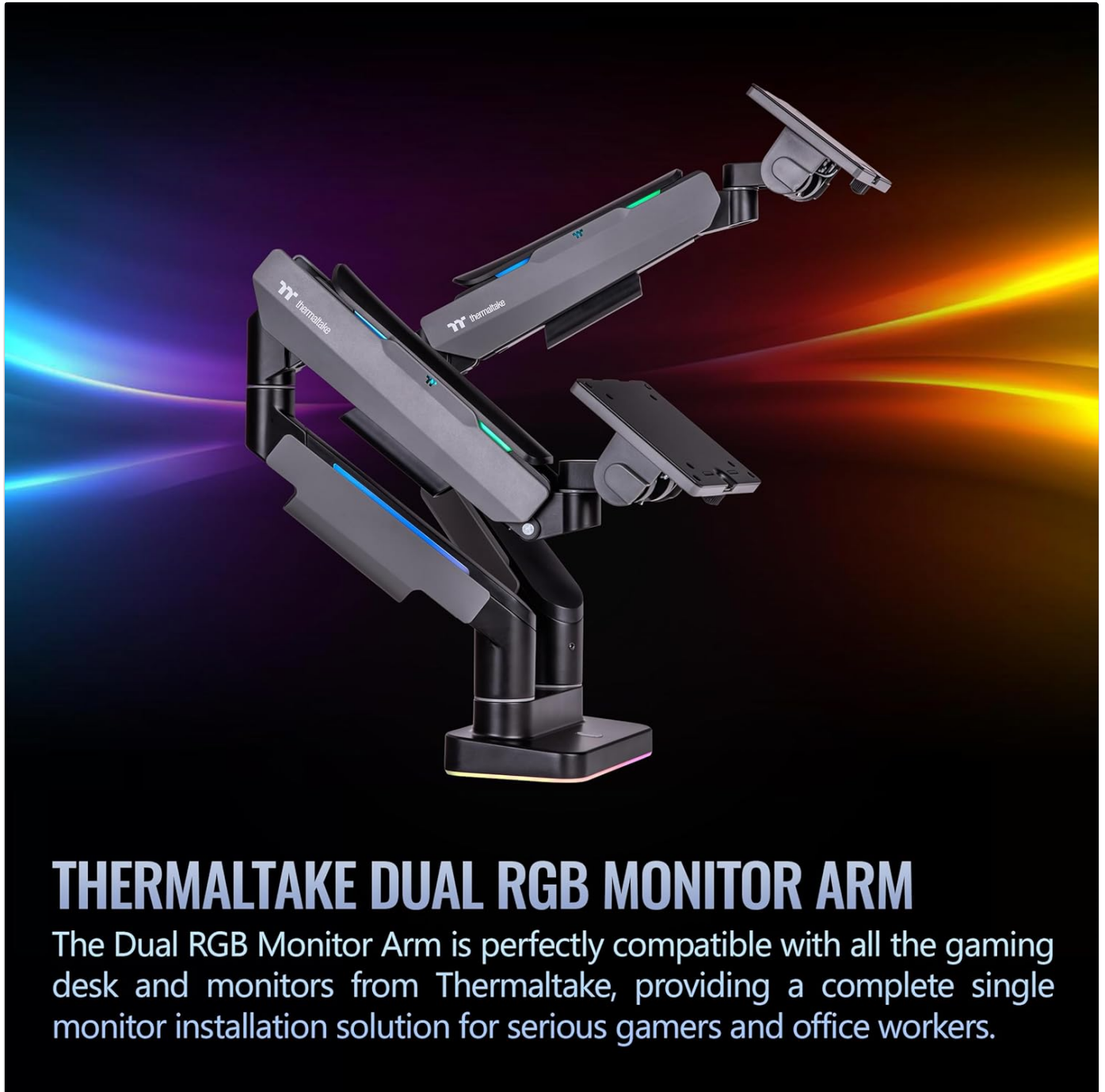


Image: The monitor arm supporting two monitors, showcasing the range of motion for tilt and swivel adjustments.



BEST MONITOR MOUNTING SOLUTION

The Thermaltake Dual RGB Monitor Arm is made with an optimized tilting structure, providing excellent weight-bearing capacity and smoother adjustment for large flat and curved screens. The arm supports up to two 35" monitor installation possibilities and uses a detachable VESA plate design (75 x 75 mm to 100 x 100 mm).

Image: Two monitors mounted on the arm, one displayed in portrait orientation and the other in landscape, illustrating rotation capability.

3. RGB Lighting Control

The monitor arm features 16.8 million RGB colors with 20 lighting modes. A built-in switch button on the base allows for easy control and cycling through the lighting effects.

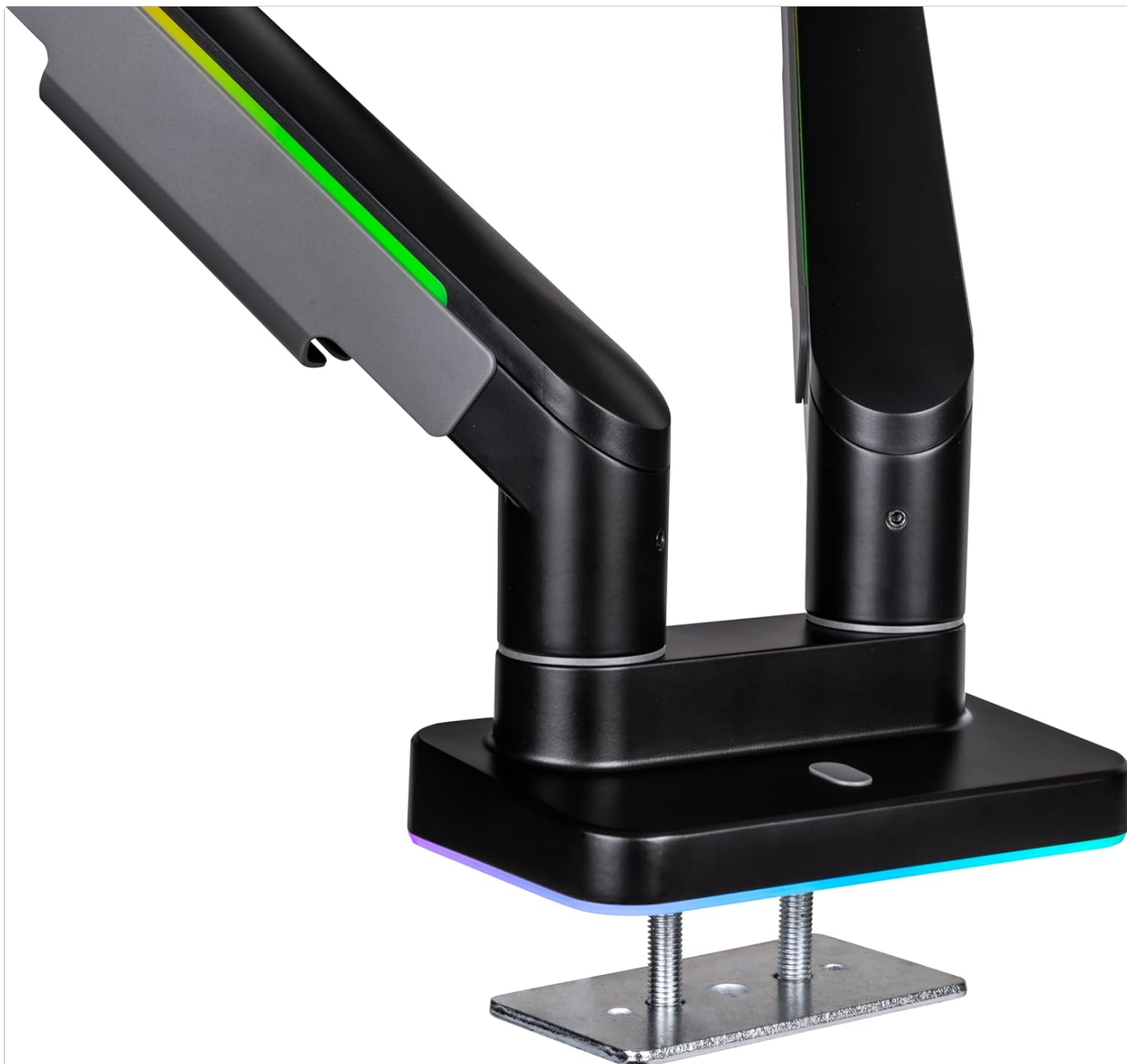


Image: A detailed view of the monitor arm's base, highlighting the integrated RGB lighting feature.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your monitor arm.

- **Cleaning:** Wipe the arm surfaces with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or RGB components.
- **Check Connections:** Periodically check all screws and bolts, especially those securing the clamp/grommet mount and VESA plates, to ensure they remain tight.
- **Gas Spring Adjustment:** Re-adjust the gas spring tension if you change monitors or notice any sagging over time.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Monitor sags or drops	Gas spring tension is too low for monitor weight.	Increase gas spring tension using the Allen wrench (clockwise).
Monitor springs up too easily	Gas spring tension is too high for monitor weight.	Decrease gas spring tension using the Allen wrench (counter-clockwise).
Arm is unstable or wobbles	Desk clamp/grommet mount is not tightened sufficiently.	Ensure the desk clamp or grommet mount is securely fastened to the desk. Check all connection points.
Monitors are not level	Minor misalignment during VESA plate attachment or arm installation.	Adjust the tilt/rotation of the VESA plate or arm connection point. Some arms have a small leveling screw.
RGB lighting not working	Power connection issue or internal fault.	Ensure the USB power cable for the RGB lighting is properly connected. If the issue persists, contact support.

WARRANTY AND SUPPORT

Thermaltake products are manufactured to high-quality standards. For warranty information specific to your region and product, please refer to the warranty card included with your purchase or visit the official Thermaltake website.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please visit the Thermaltake support page:

Thermaltake Official Support

