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› Mars Gaming MARSGAMING MCX ATX PC Gaming Case User Manual

Mars Gaming MCF

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Model: MCF

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Mars Gaming MARSGAMING MCX ATX PC Gaming Case, Model MCF. Please read this manual thoroughly before beginning assembly to ensure proper setup and optimal performance.



Figure 1: Mars Gaming MARS GAMING MCX ATX PC Gaming Case (Model MCF)

KEY FEATURES

- **Advanced Gaming Lighting:** Features triple vented front and rear fans with ARGB lighting, complemented by a Metal-Mesh front design and tempered glass side window.
- **Aerodynamic Design:** Sophisticated look with pure geometric lines and premium finishes. The aerodynamically designed front panel enhances ventilation and airflow.
- **Full ARGB Compatibility:** ARGB lighting with multiple preset effects, controllable via an ARGB connector or motherboard for extensive aesthetic customization.
- **Maximum Cooling Capacity:** Includes a triple front fan system and a 120mm rear fan. Supports up to 6 x 120mm fans, removable magnetic top and bottom filters, and dual chamber design. Full support for up to 360mm liquid cooling.
- **Maximum Internal Capacity:** Supports ATX, micro-ATX, and mini-ITX motherboards, up to 5 hard drives, and efficient internal cable management. Accommodates VGAs up to 305mm long (330mm without front fan) and 167mm wide, and heatsinks up to 177mm high.

PACKAGE CONTENTS

Verify that all components are present in the package before proceeding with installation.

- Mars Gaming MARSGAMING MCX ATX PC Gaming Case (Model MCF)
- 4 x 120mm ARGB Fans (pre-installed)
- Accessory kit (screws, standoffs, cable ties)
- User Manual (this document)

SETUP INSTRUCTIONS

1. Preparing the Case

Place the case on a stable, flat surface. Remove the tempered glass side panel by unscrewing the thumb screws at the rear of the case and carefully sliding the panel off.



Figure 2: Tempered Glass Side Window

The front panel features a Metal-Mesh design for optimal airflow.



Figure 3: Metal-Mesh Front Panel

2. Motherboard Installation

Install the appropriate standoffs for your ATX, Micro-ATX, or Mini-ITX motherboard. Carefully place the motherboard into the case, aligning it with the standoffs and the I/O shield opening. Secure the motherboard with screws from the accessory kit.

3. Power Supply Unit (PSU) Installation

The case features a bottom-mount power supply design. Slide your PSU into its designated compartment at the bottom rear of the case and secure it with screws. Route the necessary cables through the cable management cutouts.

4. Storage Drive Installation

Install your 3.5-inch hard drives and 2.5-inch solid-state drives into the available drive bays. The case supports up to 5

hard drives. Refer to the internal layout diagram for bay locations.

5. Graphics Card (VGA) Installation

Remove the necessary PCI-E slot covers. Insert your graphics card into the appropriate PCI-E slot on your motherboard and secure it with screws. The case supports VGAs up to 305mm long (330mm without a front fan) and 167mm wide.

6. Cooling System Installation (Fans & Liquid Cooling)

The case comes with four pre-installed 120mm ARGB fans (three front, one rear). Additional fans can be installed as follows:

- **Top:** Up to 2 x 120mm or 2 x 140mm fans.
- **Front:** Up to 3 x 120mm or 2 x 140mm fans (pre-installed).
- **Rear:** 1 x 120mm fan (pre-installed).

For liquid cooling, the case supports radiators up to 360mm.



Figure 4: Pre-installed 4x 120mm ARGB Fans



Figure 5: Internal Layout and Cooling Support

TEMPERED GLASS SIDE WINDOW



Figure 6: Liquid Cooling Support

7. Cable Management

Utilize the cable management cutouts and tie-down points behind the motherboard tray to route and secure cables. This improves airflow and aesthetics.

8. Final Assembly

Once all components are installed and cables are managed, reattach the tempered glass side panel and secure it with the thumb screws.

OPERATING INSTRUCTIONS

Powering On

Connect your power supply to a wall outlet. Press the power button located on the top panel of the case to turn on your system.

ARGB Lighting Control

The pre-installed ARGB fans can be controlled via your motherboard's ARGB software (if connected to an ARGB header) or through the integrated controller (if applicable). Refer to your motherboard manual for specific ARGB software instructions. The case offers multiple preset lighting effects.

MAINTENANCE

Cleaning the Case

Regularly clean the exterior of the case with a soft, damp cloth. Avoid abrasive cleaners. For interior cleaning, use compressed air to remove dust from components and fans.

Dust Filter Maintenance

The case features removable magnetic dust filters on the top and bottom. Periodically remove and clean these filters to maintain optimal airflow and prevent dust buildup inside the system. Wash with water and mild soap, then dry completely before reattaching.

TROUBLESHOOTING

Fans Not Spinning / RGB Not Working

- Check all fan and ARGB connections to the motherboard or controller.
- Ensure the power supply is providing adequate power.
- Verify that ARGB software or physical controls are correctly configured.

Poor Airflow / Overheating

- Clean all dust filters and fans.
- Ensure proper fan orientation for intake and exhaust.
- Verify that no cables are obstructing airflow.
- Consider adding additional fans if temperatures remain high.

System Not Powering On

- Check all power connections from the PSU to the motherboard and components.
- Ensure the front panel power button cable is correctly connected to the motherboard.
- Verify the PSU is switched on.

SPECIFICATIONS

Feature	Detail
Brand	Mars Gaming
Model Name	MCF
Case Type	Mid Tower
Motherboard Compatibility	ATX, Micro ATX, Mini-ITX

Feature	Detail
Material	Metal
Color	Black
Item Dimensions (D x W x H)	14.96"D x 8.5"W x 18.11"H
Item Weight	4.7 Kilograms
Internal Bays Quantity	5 (for 3.5" Hard Disk Form Factor)
GPU Max Length	305mm (330mm without front fan)
CPU Cooler Max Height	177mm
Pre-installed Fans	4 x 120mm ARGB Fans
Cooling Method	Air, Water
Liquid Cooling Support	Up to 360mm radiator
Power Supply Mounting Type	Bottom Mount
Total USB Ports	2 (USB 2.0)
Special Features	RGB Lighting, Tempered Glass Side Panel, Metal-Mesh Front Panel

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Mars Gaming website or contact their customer service department. Keep your proof of purchase for warranty claims.

Manufacturer: Mars Gaming

