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ASUS P307-TUF-GAMING-M4-AIR

ASUS TUF Gaming M4 Air Lightweight Gaming Mouse User Manual

Model: P307-TUF-GAMING-M4-AIR

1. Introduction

This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your ASUS TUF Gaming M4 Air Lightweight Gaming Mouse. Please read this guide thoroughly to ensure optimal performance and longevity of your device.

2. Package Contents

Verify that all items are present in your product package:

- 1 x TUF GAMING M4 AIR Mouse
- 2 x Quick Start Guide
- 2 x Warranty Card

3. Product Overview

The ASUS TUF Gaming M4 Air is a lightweight wired gaming mouse designed for precision and durability. It features an ultralight construction, a high-precision optical sensor, programmable buttons, and enhanced water resistance.

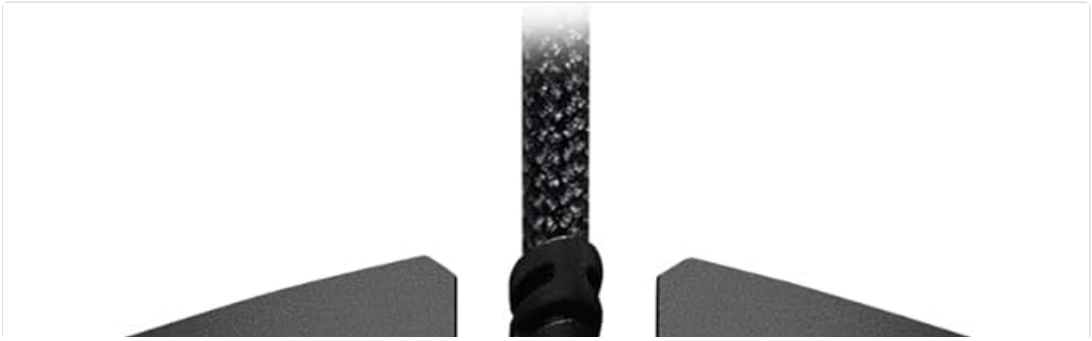

Figure 3.1: Top-down view of the ASUS TUF Gaming M4 Air mouse, showcasing its perforated shell design and braided cable.

Key Features:

- **Ultralight Air Shell Design:** The mouse features a hollow pyramidal frame, reducing its weight to approximately 47 grams while maintaining structural integrity. This design contributes to swift and effortless movement.

Figure 3.2: Side view of the mouse, illustrating the ultralight air shell design with its distinctive perforations.

- **High-Precision Optical Sensor:** Equipped with a gaming-grade optical sensor capable of up to 16,000 DPI, providing pixel-precise tracking for accurate cursor control.

Figure 3.3: The underside of the mouse, highlighting the optical sensor and its performance metrics.

- **Six Tactile & Programmable Buttons:** Features six buttons that can be customized to suit individual play styles and preferences. The main left and right buttons are designed for responsive clicks.

Figure 3.4: Diagram indicating the location of the six tactile and programmable buttons on the mouse.

- **TUF Gaming Paracord Cable & PTFE Feet:** The flexible TUF Gaming Paracord cable minimizes snags and drag, while the 100% pure Teflon (PTFE) mouse feet reduce friction, ensuring smooth and unrestricted movement across surfaces.

Figure 3.5: The mouse's underside, showcasing the low-friction PTFE feet and the durable TUF Gaming Paracord cable.

- **IPX6 Water Resistance:** Vital internal circuitry is treated with an IPX6 water-resistant protective coating, offering protection against accidental spills and moisture from sweaty palms.

Figure 3.6: The mouse being exposed to water, illustrating its IPX6 water-resistant properties.

4. Setup

To set up your ASUS TUF Gaming M4 Air mouse:

1. Locate an available USB port on your computer.
2. Plug the USB connector of the TUF Gaming M4 Air mouse into the USB port.
3. Your operating system should automatically detect and install the necessary drivers.
4. For advanced customization, download and install the ASUS Armoury Crate software from the official ASUS support website.

5. Operating Instructions

The ASUS TUF Gaming M4 Air mouse functions as a standard wired mouse with additional features:

- **Basic Movement:** Move the mouse across a surface to control the cursor on your screen.
- **Left-Click:** Press the left mouse button for primary actions (e.g., selecting items, opening files).
- **Right-Click:** Press the right mouse button for secondary actions (e.g., opening context menus).

- **Scroll Wheel:** Roll the scroll wheel up or down to navigate through documents or web pages. The scroll wheel can also be pressed for a middle-click action.
- **DPI Adjustment:** Use the dedicated DPI button (typically located behind the scroll wheel) to cycle through different sensitivity levels (DPI settings) on the fly. This allows you to adjust cursor speed without interrupting your activity.

6. Customization

The ASUS TUF Gaming M4 Air mouse offers customization options through the ASUS Armoury Crate software:

- **Button Programming:** Assign custom functions, macros, or keyboard shortcuts to the six programmable buttons.
- **DPI Settings:** Fine-tune DPI levels and create multiple profiles for different applications or games.
- **Polling Rate:** Adjust the mouse's polling rate for optimal responsiveness.
- **Onboard Memory:** Save your customized profiles directly to the mouse's onboard memory, allowing you to use your settings on any computer without needing the software installed.

Refer to the Armoury Crate software's help documentation for detailed instructions on customization.

7. Maintenance

To ensure the longevity and optimal performance of your ASUS TUF Gaming M4 Air mouse:

- **Cleaning:** Use a soft, dry cloth to wipe the mouse surface. For the perforated areas, a soft brush or compressed air can be used to remove dust and debris. Avoid using harsh chemicals or abrasive materials.
- **Cable Care:** Avoid sharply bending or twisting the TUF Gaming Paracord cable. Store it neatly to prevent tangles and damage.
- **Water Resistance:** While the mouse has IPX6 water resistance, it is not fully waterproof. Avoid submerging the mouse in water or exposing it to strong jets of water. If spills occur, wipe the mouse dry immediately.
- **Storage:** Store the mouse in a clean, dry environment away from extreme temperatures.

8. Troubleshooting

If you encounter issues with your ASUS TUF Gaming M4 Air mouse, refer to the following common solutions:

- **Mouse Not Responding:**
    - Ensure the USB cable is securely plugged into a functioning USB port on your computer.
    - Try plugging the mouse into a different USB port.
    - Restart your computer.
    - Check if the mouse works on another computer to rule out a system-specific issue.
- **Inconsistent Tracking or Cursor Jumps:**
    - Clean the optical sensor on the underside of the mouse with a soft, dry cloth.
    - Ensure you are using the mouse on a clean, uniform surface or a high-quality mouse pad.

- Adjust DPI settings using the DPI button or Armoury Crate software.

- **Buttons Not Functioning Correctly:**
  - Check button assignments in the ASUS Armoury Crate software.
  - If a specific button (e.g., middle mouse button) becomes unresponsive or inconsistent, ensure no debris is lodged in the mechanism. If the issue persists, it may indicate a hardware fault requiring service.

- **Software Issues (Armoury Crate):**
  - Ensure you have the latest version of Armoury Crate installed.
  - If software is unresponsive, try restarting the application or reinstalling it.

If these steps do not resolve your issue, please contact ASUS customer support.

9. Specifications

Feature	Specification
Brand	ASUS
Model Name	TUF Gaming M4 Air
Item Model Number	P307-TUF-GAMING-M4-AIR
Connectivity Technology	Wired (TUF Gaming Paracord)
Movement Detection Technology	Optical
Max DPI	16,000 DPI
Programmable Buttons	6
Water Resistance	IPX6
Mouse Feet	100% PTFE
Item Weight	3.53 ounces (approx. 47 grams)
Product Dimensions (LxWxH)	6.89 x 4.53 x 0.04 inches
Hardware Platform	PC
Operating System	Windows® 10 and above

10. Warranty Information

Your ASUS TUF Gaming M4 Air mouse comes with a limited warranty. Please refer to the Warranty Card included in your package for detailed terms, conditions, and registration information. Keep your proof of purchase for warranty claims.

11. Support

For further assistance, technical support, driver downloads, or product information, please visit the official ASUS support website:

www.asus.com/support/

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Related Documents - P307-TUF-GAMING-M4-AIR

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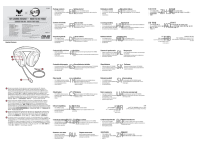
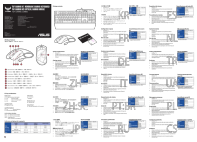
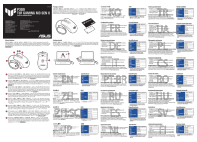
	ASUS TUF Gaming H1 Headset X Kimetsu no Yaiba - Quick Start Guide Quick start guide for the ASUS TUF Gaming H1 headset, covering package contents, setup instructions, headset features, regulatory compliance, disposal, and support information.
	ASUS TUF Gaming Power Supply Unit Quick Start Guide This guide provides essential information for the ASUS TUF Gaming Power Supply Unit, covering product overview, installation steps, and safety precautions for a smooth and secure setup.
	ROG Spatha X Quick Start Guide - ASUS Gaming Mouse Get started with your ASUS ROG Spatha X gaming mouse (P707). This quick start guide provides essential setup, features, and connectivity information for optimal gaming performance.
	ASUS TUF Gaming K1 Keyboard & M3 Mouse Quick Start Guide | Setup & Features Quick start guide for the ASUS TUF Gaming K1 Membrane Gaming Keyboard and TUF Gaming M3 Optical Gaming Mouse, covering system requirements, specifications, setup, key functions, and safety information.
	ASUS TUF Gaming M3 Gen II Gaming Mouse - Features, Specs, and Customization Explore the ASUS TUF Gaming M3 Gen II gaming mouse. This guide covers its features, system requirements, DPI specifications, and customization options using Armoury Crate software.