MCHOSE A7 Pro

MCHOSE A7 Pro Wireless Gaming Mouse User Manual

Model: A7 Pro

1. INTRODUCTION

This manual provides detailed instructions for the MCHOSE A7 Pro Wireless Gaming Mouse. Please read this manual thoroughly before using the product to ensure proper operation and to maximize its performance.

2. PACKAGE CONTENTS

- MCHOSE A7 Pro Wireless Gaming Mouse
- USB-C Charging Cable
- 2.4GHz USB Receiver (Nano Dongle)
- User Manual

3. PRODUCT OVERVIEW

The MCHOSE A7 Pro is a lightweight, high-performance gaming mouse designed for precision and versatility. It features tri-mode connectivity, a high-precision optical sensor, and customizable software.

Figure 3.1: Top view of the MCHOSE A7 Pro Wireless Gaming Mouse (Black).

Figure 3.2: MCHOSE A7 Series Tri-Mode Gaming Mouse (White) emphasizing its lightweight design.

Key Features:

- **Lightweight Design:** Weighing approximately 59 grams, with a centered gravity for stable grip and efficient handling.
- **High Precision Tracking:** Equipped with a PAW3395 optical sensor, offering up to 26,000 DPI for accurate tracking.
- **Tri-Mode Connection:** Supports ultra-low-latency 2.4GHz wireless, Bluetooth, and wired USB connectivity.
- **Custom Software:** Allows users to store custom settings for buttons, DPI adjustments, polling rates, and gaming modes.
- **Long Battery Life:** Up to 130 hours of battery life on a single charge.
- **Durable Optical Switches:** Rated for up to 70 million clicks, providing tactile and audible feedback.

4. SETUP AND CONNECTIVITY

The MCHOSE A7 Pro mouse offers three connection modes: 2.4GHz wireless, Bluetooth, and wired USB.

Figure 4.1: Illustration of the MCHOSE A7 Pro's tri-mode connectivity.

4.1. 2.4GHz Wireless Connection

1. Locate the 2.4GHz USB receiver (nano dongle) in the package.
2. Plug the USB receiver into an available USB port on your computer.
3. On the bottom of the mouse, slide the switch to the '2.4G' position.
4. The mouse should automatically connect to your computer. If not, press the pairing button (if available) or refer to the troubleshooting section.

4.2. Bluetooth Connection

1. On the bottom of the mouse, slide the switch to the 'B' (Bluetooth) position.
2. The mouse will enter pairing mode, indicated by a blinking LED.
3. On your computer, open Bluetooth settings and search for new devices.
4. Select 'MCHOSE A7 Pro' from the list of available devices to pair.

4.3. Wired USB Connection

1. Connect the USB-C end of the charging cable to the mouse.

2. Connect the USB-A end of the charging cable to an available USB port on your computer.
3. The mouse will function as a wired mouse and will also charge its internal battery.

5. OPERATION

5.1. DPI Adjustment

The MCHOSE A7 Pro features a PAW3395 optical sensor with adjustable DPI settings up to 26,000 DPI.

Figure 5.1: The PAW3395 optical sensor for high precision tracking.

DPI levels can be cycled through using the dedicated DPI button, typically located on the top or bottom of the mouse. Default DPI stages are pre-set and can be customized via the software.

5.2. Polling Rate

The mouse supports a wired polling rate of up to 8K and a wireless polling rate of 1K. Polling rate determines how often the mouse reports its position to the computer. Higher polling rates result in smoother and more responsive cursor movement.
Polling rate settings can be adjusted through the custom software.

5.3. Custom Software

The MCHOSE A7 Pro supports custom software for advanced configuration. This software allows you to:

Figure 5.2: Overview of the MCHOSE A7 Pro custom software interface.

- Remap buttons
- Adjust DPI stages and sensitivity
- Create and assign macros
- Configure polling rates
- Manage lighting effects (if applicable)
- Save profiles to onboard memory

Please visit the official MCHOSE website to download the latest version of the software.

6. CHARGING AND BATTERY LIFE

The MCHOSE A7 Pro is equipped with a rechargeable battery providing up to 130 hours of usage on a single charge.

Figure 6.1: The mouse features a 500mAh battery.

6.1. Charging the Mouse

To charge the mouse, connect the supplied USB-C cable to the mouse and the USB-A end to a powered USB port on your computer or a USB wall adapter. The LED indicator on the mouse will show charging status.

6.2. Battery Status Indicator

The mouse features an LED indicator that displays the current battery level. Refer to the software or the product's quick start guide for specific LED patterns indicating battery status (e.g., low battery, charging, fully charged).

7. MAINTENANCE

7.1. Cleaning

- Use a soft, dry cloth to clean the mouse surface.
- For stubborn dirt, lightly dampen the cloth with water or a mild cleaning solution. Avoid harsh chemicals.
- Do not allow liquids to enter the mouse body.
- Regularly clean the optical sensor area with a cotton swab to ensure optimal tracking performance.

7.2. Storage

When not in use for extended periods, store the mouse in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the mouse is turned off to conserve battery life.

8. TROUBLESHOOTING

8.1. Mouse Not Responding

- **Check Battery:** Ensure the mouse has sufficient battery charge. Connect it via USB-C cable to charge.
- **Check Connection Mode:** Verify the switch on the bottom of the mouse is set to the correct mode (2.4G, B, or OFF/Wired).
- **2.4GHz Connection:** Ensure the USB receiver is securely plugged into a working USB port. Try a different USB port.
- **Bluetooth Connection:** Re-pair the mouse with your device. Ensure Bluetooth is enabled on your computer.
- **Wired Connection:** Ensure the USB-C cable is securely connected to both the mouse and the computer.
- **Restart:** Turn the mouse off and then on again. Restart your computer.

8.2. Erratic Cursor Movement

- **Clean Sensor:** Clean the optical sensor on the bottom of the mouse.
- **Surface:** Use the mouse on a clean, non-reflective mouse pad or surface. Avoid glass or highly reflective surfaces.
- **Interference:** For wireless modes, move the mouse closer to the receiver/device or away from other wireless devices that might cause interference.

8.3. Software Issues

- **Reinstall Software:** Uninstall and then reinstall the custom software from the official MCHOSE website.
- **Firmware Update:** Check for available firmware updates for the mouse via the software.

9. Specifications

Figure 9.1: MCHOSE A7 Pro mouse dimensions.

Feature	Specification
Model	A7 Pro
Connectivity	2.4GHz Wireless, Bluetooth, USB Wired
Sensor	PAW3395 Optical Sensor
DPI Range	Up to 26,000 DPI
Polling Rate (Wired)	Up to 8K Hz
Polling Rate (Wireless)	1K Hz
Weight	Approximately 59 grams (2.12 ounces)
Battery Life	Up to 130 hours
Switches	Optical Switches (Rated for 70 million clicks)
Dimensions	7.48 x 4.49 x 3.23 inches (Package)
Batteries	1 A battery required (included)

10. Warranty and Support

For warranty information and technical support, please refer to the warranty card included with your product or

Related Documents

	[MCHOSE G3 Series Wireless Mouse User Guide](#) Comprehensive user guide for the MCHOSE G3 Series Wireless Mouse, detailing its features, installation steps for wired, 2.4G RF, and Bluetooth connections, software usage, DPI settings, and power indicator meanings.
	[MCHOSE AX5 Gaming Mouse User Manual and Specifications](#) Comprehensive user manual for the MCHOSE AX5 Gaming Mouse, detailing 2.4GHz, wired, and wireless connections, DPI settings, charging instructions, specifications, and warranty information.
	[MCHOSE K7 Ultra Gaming Wireless Mouse: User Guide and Features](#) Explore the MCHOSE K7 Ultra Gaming Wireless Mouse. This guide covers product functions, wired and wireless connectivity options, DPI adjustments, battery status indicators, driver installation, and charging instructions for optimal performance.
	[MCHOSE AX5 Gaming Mouse User Manual](#) A comprehensive guide to the MCHOSE AX5 Gaming Mouse, covering its features, connectivity options (2.4GHz, Wireless, Wired), DPI settings, charging instructions, and technical specifications. Learn how to set up and use your gaming mouse for optimal performance.

Documents - MCHOSE – A7 Pro

[pdf] Test Report

Test report 2 4G Shenzhen Zhishi intelligent Technology Co LTD G3 2BERM 2BERMG3 g3
FCC Test Report Page 1 of 52 Report No.: AGC12810240703FR02 FCC ID : APPLICATION PURPOSE : PRO ... VERSION : 2BERM-G3 Original Equipment WIRELESS MOUSE MCHOSE G3, G3 Ultra, G3 500mA, G3 800mA, A7, **A7 Pro**, A7 Ultra, M7, M7 Pro, M7 Ultra, A5 Pro, A5 Pro Max, A5 Ultra, A5 V2 Ultra, AX5, AX5 Pro, AX5...
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