

ATK F1 Wireless Gaming Mouse User Manual

Model: F1 Pro Max | Brand: Generic

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your ATK F1 Wireless Gaming Mouse. Designed for high-performance gaming, the ATK F1 series offers advanced features and a lightweight design for an optimal user experience.

Key Features

- **Ultra-Lightweight Design:** Weighs only 45 g; reduces hand fatigue; enhances comfort for long gaming sessions.
- **High-Precision Sensor:** Equipped with PAW3395 optical sensor; ensures accurate tracking and fast response.
- **Dual-Mode Connectivity:** Supports 2.4 GHz wireless and wired modes; adapts to different usage scenarios.
- **Ice-Coated Surface:** Features an ice-feel coating; provides a smooth and cool touch; prevents slippage from sweaty hands.
- **High Polling Rate:** Supports up to 8000 Hz polling; increases data transmission frequency; optimizes competitive performance.

PRODUCT OVERVIEW



Figure 1: Top view of the ATK F1 Pro Max Wireless Gaming Mouse in white.

Dual 8000HZ Rapid Response



*Friendly Reminder

To ensure the optimal experience with the ATK 8KHz mouse, please confirm that your computer meets the following recommended minimum requirements for best performance:

CPU: Intel Core i7 9700K or higher, AMD Ryzen 7 3700X or higher

Graphics Card: NVIDIA GTX 1080 or higher, AMD RX 5700 or higher

Monitor: 240Hz refresh rate or above

Memory: 16GB or more

Min. 35g Hole-less & Ultra-Lightweight

Brand New Mold, Hundreds of Refinements
All Equipped with Ice-feel Coating



*As Light as 38g \pm 2 for Ultimate Edition

Omron Optical / ATK Custom Tuned Optical Switches

Instantaneous Response, Rapid Reaction
Excellent Feel, Durable and Long-Lasting



*Optical Micro Switch Response Time is 3X Faster
than Traditional Mechanical Switches
70 Million+ Clicks Lifespan

Figure 2: Overview of key features including Dual 8000Hz Rapid Response, ultra-lightweight design (Min. 35g), and Omron Optical / ATK Custom Tuned Optical Switches.

Smartspeed Wireless Gen-2 Low-Latency Technology

ATK ApexShark
Professional Esports Firmware



Measured Average
Click Latency \approx **0.3993ms**

ATK HUB/Web Driver Dual Drivers



Size: 118.2mm x 62.4mm x 38.8mm (Medium/Small Hands)

45g \pm 2g

F1 PRO



50g \pm 2g

F1 PRO MAX



35g \pm 2g

F1 EXTREME EDITION

Figure 3: Details on Smartspeed Wireless Gen-2 Low-Latency Technology with Nordic 52840 chip, ATK HUB/Web Driver Dual Drivers, and mouse dimensions (118.2mm x 62.4mm x 38.8mm).

Debut PAW3950/Ultra Flagship Sensor

More Precise, More Sensitive, More Stable



Sensor	PAW3950	PAW3950Ultra
DPI	50-30000 <small>Can be overclocked to 36000</small>	10-30000 <small>Can be overclocked to 42000</small>
Tracking Speed	750IPS	750IPS
Acceleration	50G	50G
LOD Adjustment	0.7/1.0/2.0mm	0.7mm~1.7mm <small>Precision 0.1mm/step, adjustable in 11 steps.</small>

Figure 4: Specifications of the PAW3950/Ultra Flagship Sensor, including DPI range (10-30000), tracking speed (750IPS), acceleration (50G), and LOD adjustment.

Your browser does not support the video tag.

Video 1: Official product details video for the ATK F1 Extreme mouse, showcasing its features and design.

SETUP

Package Contents

Verify that all items are present in the package:

- ATK F1 Wireless Gaming Mouse
- USB Receiver (Dongle)
- USB-C Charging/Data Cable
- User Manual (this document)

Initial Setup

1. **Charge the Mouse:** Connect the mouse to a USB power source using the provided USB-C cable. The LED indicator will show charging status.
2. **Connect the USB Receiver:** Insert the 2.4 GHz USB receiver into an available USB port on your computer.
3. **Power On:** Turn on the mouse using the power switch located on the bottom of the device.
4. **Wired Mode:** Alternatively, connect the mouse directly to your computer using the USB-C cable for wired operation.

Driver Installation

For full functionality and customization, it is recommended to install the ATK V HUB or Web Hub drivers. These drivers allow for seamless management of multiple devices, including key remapping, DPI settings, and performance adjustments.

Download the latest drivers from the official ATK website:<https://atk.pro>

OPERATING INSTRUCTIONS

Connectivity Modes

The ATK F1 mouse supports two modes of connectivity:

- **2.4 GHz Wireless Mode:** Provides a stable and low-latency connection via the included USB receiver. Ideal for gaming.
- **Wired Mode:** Connect the mouse directly with the USB-C cable. This mode also charges the mouse.

DPI Adjustment

The mouse features adjustable DPI (Dots Per Inch) settings to control cursor sensitivity. Use the dedicated DPI button (if available) or the software to cycle through preset DPI levels or customize your own.

The PAW3950/Ultra sensor supports a wide DPI range from 10 to 30000, which can be overclocked to 42000 via software.

Button Customization

Utilize the ATK V HUB or Web Hub software to remap mouse buttons, assign macros, and configure other advanced settings to suit your gaming style.

Polling Rate

The ATK F1 Pro Max supports an 8000 Hz polling rate, ensuring extremely fast data transmission between the mouse and your computer for minimal input lag. This high polling rate is crucial for competitive performance.

MAINTENANCE

Cleaning

To maintain optimal performance and appearance:

- Wipe the surface of the mouse with a soft, dry cloth.
- For stubborn dirt, slightly dampen the cloth with water or a mild cleaning solution. Avoid harsh chemicals.
- Clean the optical sensor area periodically with a cotton swab to ensure accurate tracking.

Battery Management

The mouse is equipped with a rechargeable battery. To prolong battery life:

- Charge the mouse fully before first use.
- Avoid completely draining the battery frequently.
- If not in use for an extended period, turn off the mouse to conserve battery.
- The F1 Pro Max model features a 500mAh battery, providing up to 150 hours of battery life at 1000Hz polling rate.

TROUBLESHOOTING

If you encounter issues with your ATK F1 Wireless Gaming Mouse, please refer to the following common solutions:

- **Mouse not responding:**
 - Ensure the mouse is powered on.
 - Check battery level and charge if necessary.
 - Verify the USB receiver is securely plugged into a working USB port.
 - Try a different USB port.
 - If in wireless mode, ensure the mouse is within range of the receiver.
- **Inconsistent tracking or cursor lag:**
 - Clean the optical sensor.
 - Ensure you are using the mouse on a suitable surface (e.g., a mouse pad).
 - Update mouse drivers via the ATK V HUB or Web Hub software.
 - Check for wireless interference from other devices.
- **Buttons not functioning:**
 - Check button assignments in the ATK software.
 - Ensure the software is up to date.

For further assistance, please visit the official ATK support website: <https://atk.pro>

SPECIFICATIONS

Product Name	ATK Blazing Sky F1 Hole-Less Ultra-Lightweight Wireless Mouse		
Specs	F1 PRO	F1 PRO MAX	F1 EXTREME EDITION
Color	Black / White		
Size	118.2mm x 62.4mm x 38.8mm (Medium/Small Hands)		
Coating	Ice-Feel Coating		
Sensor	PAW3950		PAW3950 Ultra
Controller	Nordic 52840		
Transmission Technology	Smartspeed Wireless Gen-2 Transmission Technology ATK ApexShark Professional Esports Firmware		
Polling Rate	Wired 8K Hz / Wireless 8K Hz		
Battery	250mAh	500mAh	200mAh
Battery Life	75 H (1000Hz)	150 H (1000Hz)	60 H (1000Hz)
Weight	45g±2g	50g±2g	35g±2g
Primary Switch	Omron Optical / ATK Custom Tuned Optical		
Side Switch	Huanuo		TTC
Scroll Wheel	F-Switch E10 Flagship		
Mouse Feet	100% Teflon Feet		
Connectivity	Wired / Wireless		
Dongle	Come with 1K dongle		Come with 8K Dongle

Figure 5: Detailed specifications comparison for ATK F1 PRO, F1 PRO MAX, and F1 EXTREME EDITION models.

ATK F1 Pro Max Specifications

Feature	Detail
Product Name	ATK F1 Wireless Gaming Mouse (F1 Pro Max)
Model Number	F1
Color	White
Dimensions (L x W x H)	118.2mm x 62.4mm x 38.8mm
Weight	45g (approx.)
Coating	Ice-Feel Coating
Sensor	PAW3395 Optical Sensor
Controller	Nordic 52840
Transmission Technology	Smartspeed Wireless Gen-2, ATK ApexShark Professional Esports Firmware
Polling Rate	Wired 8K Hz / Wireless 8K Hz
Battery Capacity	500mAh
Battery Life (1000Hz)	Up to 150 Hours
Primary Switch	Omron Optical / ATK Custom Tuned Optical
Side Switch	Huanuo
Scroll Wheel	F-Switch E10 Flagship
Mouse Feet	100% Teflon Feet
Connectivity	Wired / Wireless
Dongle	Come with 8K Dongle

WARRANTY AND SUPPORT

While specific warranty details are not provided in this manual, ATKGEAR products typically come with a manufacturer's warranty. Please refer to the official ATKGEAR website or your point of purchase for detailed warranty information and terms.

For product driver downloads, additional support, FAQs, and contact information, please visit the official ATKGEAR website:

<https://atk.pro>

You may also contact customer support through the vendor "ATK Gear" on Amazon for any product-related inquiries.