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› [ATK](#) /

› [ATK Blazing Sky F1 V2 Wireless Gaming Mouse User Manual](#)

ATK F1 V2

ATK Blazing Sky F1 V2 Wireless Gaming Mouse User Manual

Model: F1 V2

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your ATK Blazing Sky F1 V2 Wireless Gaming Mouse. Please read this guide thoroughly to ensure optimal performance and longevity of your device.

Small to Medium Hands Esports Mold

Classic Esports Shape Symmetrical Design
Optimized for Claw and Palm Grips for Small to Medium Hands



Image: The ATK Blazing Sky F1 V2 Wireless Gaming Mouse, showcasing its ergonomic design.

SETUP

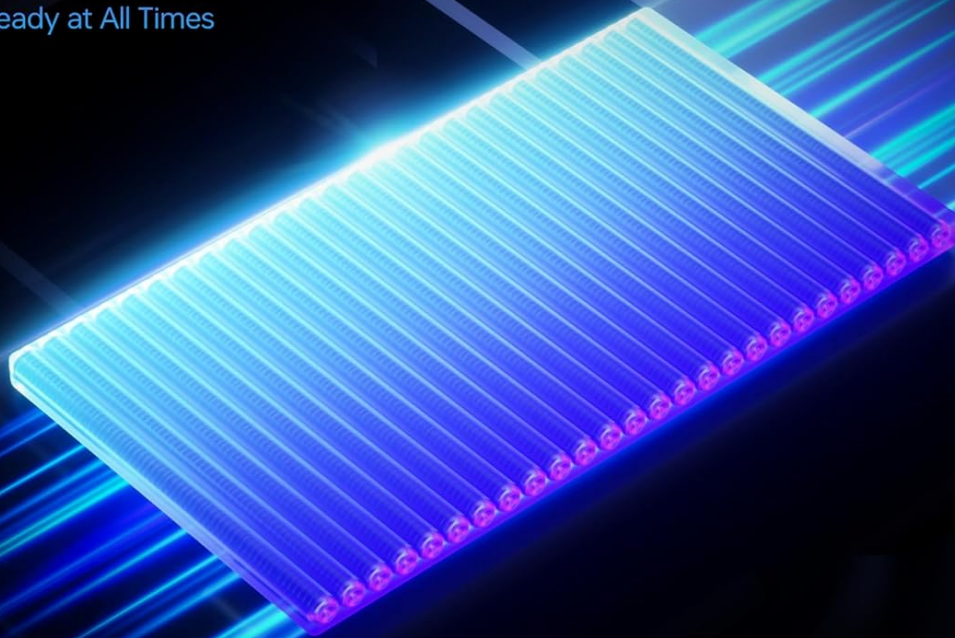
1. Unboxing and Initial Charge

Carefully remove the mouse and all accessories from the packaging. Before first use, it is recommended to fully charge the mouse.

- Connect the provided USB-C cable to the mouse's charging port and the other end to a USB power source (e.g., computer USB port, USB wall adapter).
- The charging indicator light will show the charging status. Refer to the LED indicator section for details.
- For F1 V2 Extreme models, fast charging requires a USB 3.0 port and the original USB data cable.

All-New High-Density Battery

Increased Capacity Without Extra Weight, Supports Fast Charging*
Esports-Ready at All Times



*Please use the original USB cable to charge the mouse

F1 V2 Extreme fast charging requires a USB 3.0 port and the original USB data cable.

800mAh

F1 V2 Ultra Max

300mAh

F1 V2 Ultimate

200mAh

F1 V2 Extreme

**Fast charging
supported**

Exclusive to F1 V2 Extreme

Image: Illustration of the high-density battery inside the ATK F1 V2 mouse, highlighting its capacity and fast charging capabilities.

2. Connectivity Modes

The ATK Blazing Sky F1 V2 supports three connectivity modes: 2.4G Wireless, Bluetooth, and Wired.

2.1. 2.4G Wireless Connection

1. Locate the 8K Nano or GEM dongle included with your mouse.
2. Plug the dongle into an available USB port on your computer.
3. Turn on the mouse using the power switch located on the bottom.
4. The mouse should automatically connect to the dongle. If not, press the pairing button (if available) or refer to the software for pairing instructions.

All-New GEM 8K Dongle



Image: The ATK F1 V2 mouse alongside its new GEM 8K dongle, illustrating the wireless connection component.

2.2. Bluetooth Connection (V2 Ultra Max)

1. Ensure your computer's Bluetooth is enabled.
2. Switch the mouse to Bluetooth mode using the switch on the bottom of the mouse.
3. Press and hold the Bluetooth pairing button (if applicable) until the indicator light flashes, indicating pairing mode.
4. On your computer, search for Bluetooth devices and select "ATK F1 V2" to connect.

2.3. Wired Connection

1. Connect the provided USB-C cable to the mouse's front port.
2. Connect the other end of the USB-C cable to a USB port on your computer.
3. The mouse will automatically switch to wired mode and begin charging.

3. Software Installation (ATK HUB)

For advanced customization, including DPI settings, button remapping, macro creation, and polling rate adjustments,

download the ATK HUB software from the official ATK website. Follow the on-screen instructions for installation.

OPERATING INSTRUCTIONS

1. Power On/Off

Use the switch on the bottom of the mouse to turn it ON or OFF. Turning the mouse off when not in use conserves battery life.

2. DPI Adjustment

The mouse features a dedicated DPI button (usually located on the top or bottom) to cycle through preset DPI levels. You can customize these levels using the ATK HUB software.

- **PAW3395Ultra Sensor:** 100-30,000 DPI.
- **PAW3950Ultra Sensor:** 10-30,000 DPI (adjustable in 10-step precision, overlockable up to 42,000 DPI).



Image: Close-up view of the PAW3950 Ultra Flagship Sensor, illustrating its advanced tracking capabilities.

3. Polling Rate

The ATK F1 V2 supports Wired/Wireless Dual 8000 Hz polling rate for instant tracking. This can be configured via the ATK HUB software.

4. Programmable Buttons

The mouse features multiple programmable buttons. Use the ATK HUB software to assign custom functions, macros, or shortcuts to these buttons for enhanced control.

ATK Self-Developed 54 Series ApexShark MAX Mouse Solution



*F1 V2 Extreme Mouse Equipped with 54H20 MCU
F1 V2 Ultra Max/Ultimate Mouse Equipped with 54L15 MCU

0.163ms	8T8R	20,000FPS	Nordic 54 Series
Button Latency	Bidirectional 8-Stream Transmission	Gaming Firmware	Next-Generation Upgraded MCU

Image: Diagram showing the ATK Self-Developed 54 Series ApexShark MAX Mouse Solution with the Nordic 54 Series MCU, highlighting its high-speed processing.

MAINTENANCE

1. Cleaning

The ATK F1 V2 features an All-New Nano Coating, making it sweat-resistant, stain-resistant, and easy to clean.

- Use a soft, dry, lint-free cloth to wipe the surface of the mouse.
- For stubborn dirt, slightly dampen the cloth with water or a mild, non-abrasive cleaner.
- Avoid using harsh chemicals, solvents, or abrasive materials, as these can damage the coating and internal components.
- Regularly clean the optical sensor area on the bottom of the mouse with a cotton swab to ensure accurate tracking.

All-New Nano Coating

Newly upgraded formula

Sweat-Resistant, Stain-Resistant, and Easy to Clean



Image: Visual representation of the All-New Nano Coating on the ATK F1 V2 mouse, emphasizing its sweat-resistant and easy-to-clean properties.

2. Battery Care

- To maximize battery lifespan, avoid completely draining the battery frequently.
- Charge the mouse using the provided USB-C cable.
- Store the mouse in a cool, dry place when not in use for extended periods.

TROUBLESHOOTING

1. Mouse Not Responding

- **Check Battery:** Ensure the mouse is charged. Connect it via USB-C cable to check if it powers on.
- **Check Connectivity:**
 - **2.4G Wireless:** Ensure the dongle is securely plugged into a working USB port and the mouse is in 2.4G mode. Try a different USB port.
 - **Bluetooth:** Verify Bluetooth is enabled on your computer and the mouse is correctly paired and in Bluetooth mode. Try re-pairing.
 - **Wired:** Ensure the USB-C cable is securely connected to both the mouse and the computer.
- **Power Cycle:** Turn the mouse off, wait a few seconds, then turn it back on.
- **Restart Computer:** Sometimes a computer restart can resolve connectivity issues.

2. Inconsistent Tracking or Cursor Lag

- **Clean Sensor:** Dust or debris on the optical sensor can cause tracking issues. Clean the sensor area on the bottom of the mouse.
- **Surface:** Ensure you are using the mouse on a suitable surface. Highly reflective or uneven surfaces can affect tracking. A quality mouse pad is recommended.
- **Interference:** In wireless modes, other wireless devices might cause interference. Try moving the dongle closer to the mouse or using a USB extender.
- **Polling Rate:** Ensure the polling rate is set appropriately for your system. Very high polling rates (e.g., 8K Hz) might require sufficient CPU resources.
- **Software:** Check the ATK HUB software for any sensor calibration options or firmware updates.

3. Buttons Not Responding

- **Software Conflict:** Ensure no other software is interfering with mouse button assignments.
- **Reset Settings:** Use the ATK HUB software to reset button assignments to default.
- **Physical Check:** Inspect buttons for any physical obstruction or damage.

SPECIFICATIONS

The ATK Blazing Sky F1 V2 series offers several models with varying specifications:

Feature	F1 V2 Ultra Max	F1 V2 Ultimate	F1 V2 Extreme
Dimensions	118.2 × 62.4 × 38.8 mm (Optimized for Small to Medium Hands)		
Weight	54 ± 2g	39 ± 2g	38 ± 2g
Sensor	PAW3395Ultra	PAW3950Ultra	PAW3950Ultra
MCU	Nordic 54L15	Nordic 54L15	Nordic 54H20
Solution	ATK Self-Developed Nordic 54 Series ApexShark MAX Mouse Solution		
Switches	ATK Lightblade Mechanical Switches	ATK Custom Optical Switches	Omron Optical Switches
Scroll Wheel	TTC Gold		
Mouse Feet	Standard White Double-Layer Anti-Dent Mouse Feet + Bonus Set		

Feature	F1 V2 Ultra Max	F1 V2 Ultimate	F1 V2 Extreme
Dongle	All-New 8K Nano Dongle	All-New GEM 8K Dongle	All-New GEM 8K Dongle
Connectivity	2.4G / Bluetooth / Wired	2.4G / Wired	2.4G / Wired
Polling Rate	Wired/Wireless Dual 8K		
Button Latency	0.18ms	0.18ms	0.16ms
Battery Capacity	800mAh	300mAh	200mAh (Supports Fast Charging)
Battery Life	600+ hours	250+ hours	80+ hours
Coating	All-New Nano Coating		



Image: Detailed product specifications table comparing the F1 V2 Ultra Max, Ultimate, and Extreme models.

WARRANTY AND SUPPORT

ATK products are designed for durability and performance. For warranty information, please refer to the warranty card included in your product packaging or visit the official ATK website.

Customer Support

If you encounter any issues or have questions not covered in this manual, please contact ATK customer support through their official website or the contact information provided in your product documentation. You can also visit the [ATK Store on Amazon](#) for additional resources.