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ATK A9 Plus

ATK Dragonfly A9 Plus Wireless Gaming Mouse Instruction Manual

Model: A9 Plus

INTRODUCTION

This manual provides comprehensive instructions for the ATK Dragonfly A9 Wireless Gaming Mouse, specifically the A9 Plus model. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and user experience. The ATK Dragonfly A9 series is designed for precision and performance, featuring a lightweight design, high-precision sensor, and versatile connectivity options.



Image: Top view of the ATK Dragonfly A9 Plus Wireless Gaming Mouse, showcasing its ergonomic design and scroll wheel.

PACKAGE CONTENTS

Verify that all items are present in your package. Contents may vary slightly by specific model (A9 SE, A9, A9 Plus, A9 Pro, A9 Ultra). For the A9 Plus model, the package typically includes:

- ATK Dragonfly A9 Plus Gaming Mouse
- NearLink 1K Dongle
- Braided Data Cable (USB-C)
- Grip Tape x1
- User Manual (this document)
- Warranty Card

Switch	Huanuo Blue Glow V2	Huanuo Ice Berry Pink Dot	Omron Optical / ATK Custom Tuned Optical	
Side Switch	Huanuo			
Scroll Wheel	F-Switch E10 Flagship		TTC Gold	
Mouse Feet	Full-Size Mouse Feet		Gaming Mouse Feet x2	Gaming & Balanced Mouse Feet
Connectivity	NearLink / Bluetooth / Wired		2.4G / Bluetooth / Wired	
Dongle	Come With NearLink 1K Dongle		Come With Pixart 1K Dongle	Come With Nordic 1K & Nordic 8K Dongles
Accessories	<p>A9 SE / A9: ①NearLink 1K Dongle ②Braided Data Cable ③Full-size Mouse Feet x1 ④User Manual ⑤Warranty Card</p> <p>A9 Plus: ①NearLink 1K Dongle ②Braided Data Cable ③Full-size Mouse Feet x1 ④Grip Tape x1 ⑤User Manual ⑥Warranty Card</p> <p>A9 Pro: ①Pixart 1K Dongle ②Braided Data Cable ③Gray Gaming Mouse Feet x2 ④Grip Tape x1 ⑤User Manual ⑥Warranty Card</p> <p>A9 Ultra: ①Nordic 1K Dongle ②Nordic 8K Dongle ③8K High-Speed Data Cable ④Gray Gaming Mouse Feet x1 ⑤Red Balanced Mouse Feet x1 ⑥Grip Tape x1 ⑦User Manual ⑧Warranty Card</p>			

Image: A table detailing the accessories included with each model in the ATK Dragonfly A9 series, including dongles, cables, grip tape, and documentation.

SETUP

Charging the Mouse

Before initial use, it is recommended to fully charge the mouse.

1. Connect the provided USB-C braided data cable to the mouse's charging port.
2. Connect the other end of the cable to a USB port on your computer or a USB power adapter.
3. The mouse's indicator light will show charging status. A full charge typically takes 2-3 hours.

Connecting the Mouse

The ATK Dragonfly A9 Plus supports three connectivity modes: NearLink/2.4GHz wireless, Bluetooth, and USB-C wired.

1. NearLink/2.4GHz Wireless Connection

1. Locate the NearLink 1K Dongle. This dongle can be stored in a compartment on the underside of the mouse for convenience.
2. Insert the NearLink 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, refer to the troubleshooting section.



Image: An exploded diagram of the ATK Dragonfly A9 Plus mouse, highlighting the PAW3950/Ultra sensor, Omron Optical Switch, TTC Gold scroll wheel, and the 1K Dongle Storage Compartment on the underside.

2. Bluetooth Connection

1. Ensure your computer's Bluetooth is enabled.
2. Turn on the mouse and switch its mode to Bluetooth (refer to the mouse's bottom for mode switch).
3. On your computer, go to Bluetooth settings and search for new devices.
4. Select "ATK Dragonfly A9 Plus" from the list of available devices to pair.

3. USB-C Wired Connection

1. Connect the provided USB-C braided data cable to the mouse.
2. Connect the other end of the cable to a USB port on your computer.
3. The mouse will function immediately in wired mode and will also charge simultaneously.

OPERATING INSTRUCTIONS

Key Features

- **Lightweight Design:** Weighing approximately 53g, the mouse is designed to reduce hand fatigue and improve maneuverability.
- **PAW3950 Ultra High-Precision Sensor:** Features up to 42,000 DPI, with 8 adjustable DPI levels in 50 DPI increments. DPI settings can be changed via a switch on the bottom of the mouse.
- **8K Polling Rate:** Supports up to 8000Hz polling rate in both wired and wireless modes for ultra-low latency and precise motion tracking.
- **Extended Battery Life:** Equipped with an 800mAh battery, providing up to 240 hours of use on NearLink connection after a 2-3 hour charge.
- **Tri-Mode Connectivity:** Seamlessly switch between NearLink/2.4GHz wireless, Bluetooth, and USB-C wired connections.
- **Ice-Feel Coating:** The A9 Plus model features an Ice-Feel coating for a cool, smooth, non-slip, and stain-resistant grip.

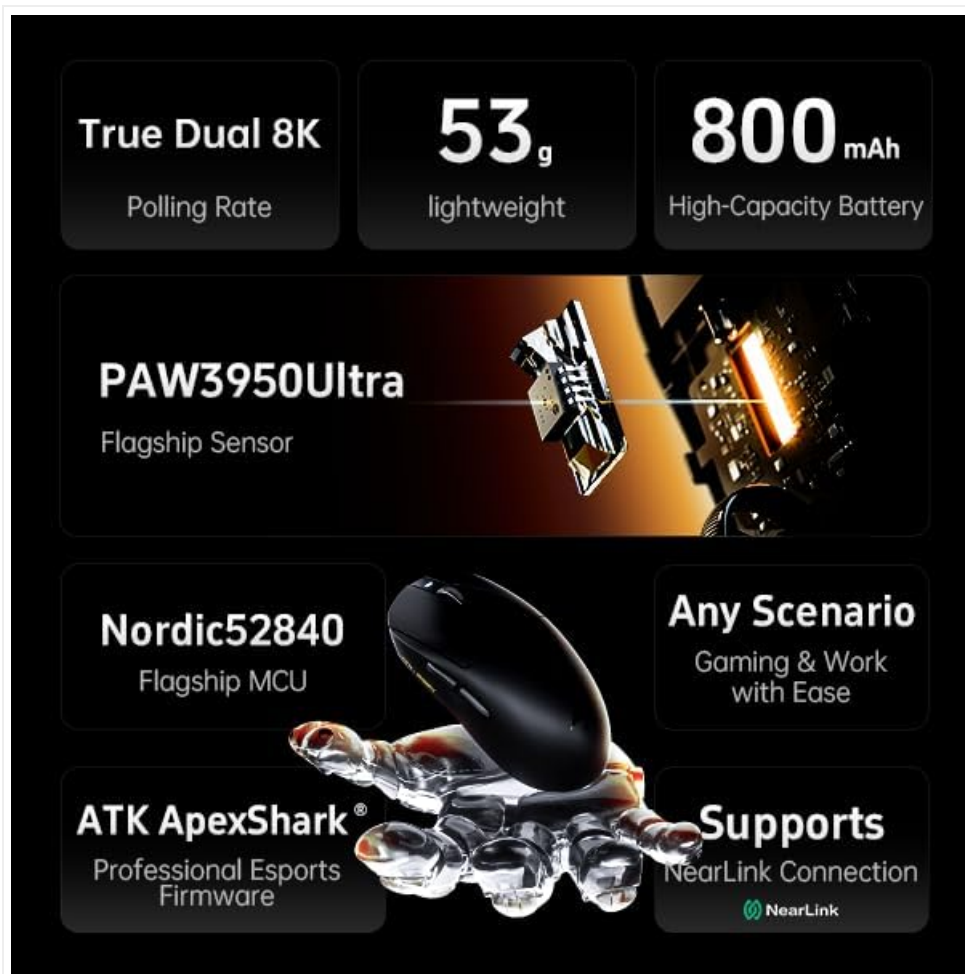


Image: An infographic displaying key features: True Dual 8K Polling Rate, 53g lightweight design, 800mAh High-Capacity Battery, PAW3950Ultra Flagship Sensor, Nordic52840 Flagship MCU, suitability for Gaming & Work, ATK ApexShark Professional Esports Firmware, and NearLink Connection support.



Image: A close-up view of the ATK Dragonfly A9 Ultra mouse, emphasizing the "Ice-Feel Coating" for a cool, smooth, non-slip, and stain-resistant grip. Note: This feature applies to A9 Plus, A9 Pro, and A9 Ultra models.

DPI Adjustment

The DPI (Dots Per Inch) can be adjusted directly on the mouse to suit your preference.

- Locate the DPI switch button on the bottom of the mouse.
- Press the button to cycle through the 8 available DPI levels.
- The current DPI setting is indicated by an LED light (refer to the full user manual for specific LED patterns).

Polling Rate

The ATK Dragonfly A9 Plus supports up to an 8000Hz polling rate. To utilize this feature, ensure your computer meets the recommended specifications:

- **CPU:** Intel Core i7 9700K or higher, AMD Ryzen 7 3700X or higher
- **Monitor:** 240Hz refresh rate or above
- **Graphics Card:** NVIDIA GTX 1080 or higher, AMD RX 5700 or higher
- **Memory:** 16GB or more

Note: An 8K Dongle may be required for 8KHz wireless polling rate, which might be sold separately depending on the model. The A9 Plus model comes with a NearLink 1K Dongle.

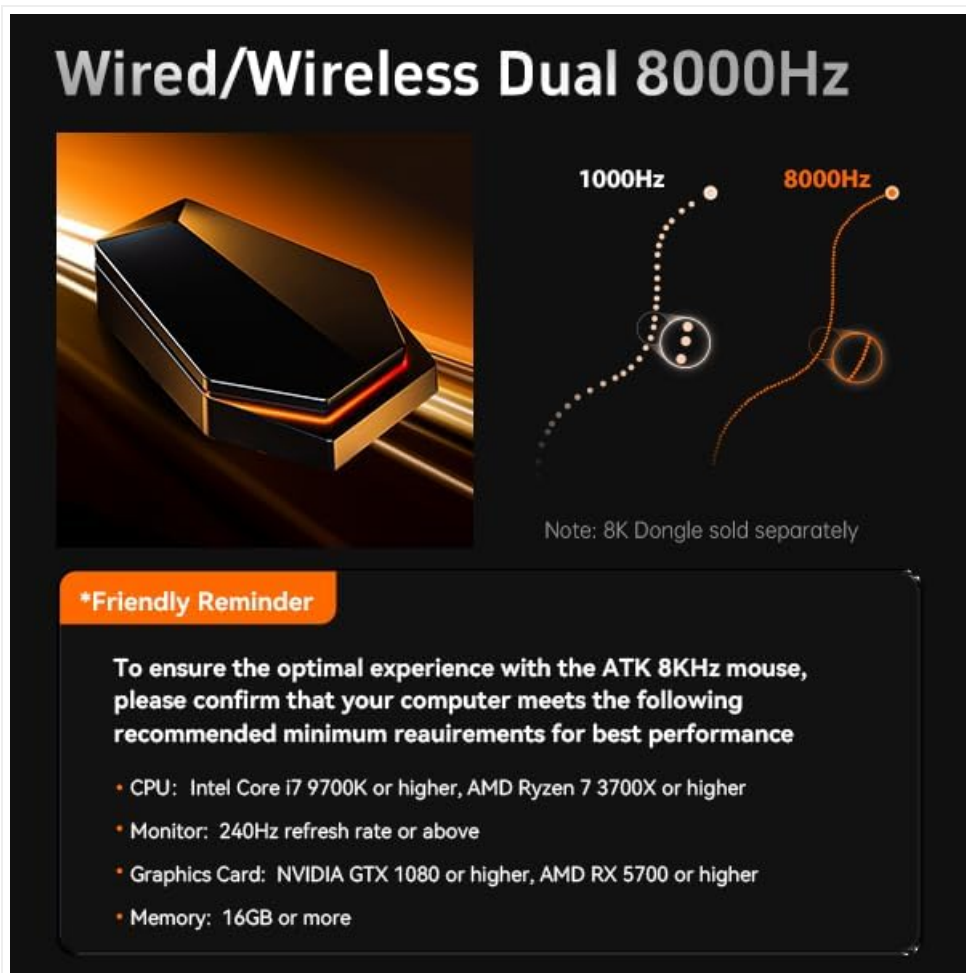


Image: A visual representation of 8000Hz polling rate compared to 1000Hz, emphasizing smoother tracking. Below it, a "Friendly Reminder" lists the recommended PC specifications (CPU, Monitor, Graphics Card, Memory) for optimal experience with an 8KHz ATK mouse.

MAINTENANCE

Cleaning

- Use a soft, dry cloth to wipe the surface of the mouse.
- For stubborn dirt, slightly dampen the cloth with water or a mild cleaning solution. Avoid harsh chemicals.
- Do not allow liquids to enter the mouse's internal components.
- Regularly clean the optical sensor area on the bottom of the mouse with a cotton swab to ensure accurate tracking.

Storage

- Store the mouse in a cool, dry place away from direct sunlight and extreme temperatures.
- When not in use for extended periods, turn off the mouse to conserve battery life.
- The NearLink dongle can be stored in its dedicated compartment on the mouse's underside.

TROUBLESHOOTING

Mouse Not Responding

- **Check Power:** Ensure the mouse is turned on and has sufficient battery charge. Connect it via USB-C cable to check if it works in wired mode.
- **Check Connection:**

- **Wireless (NearLink/2.4GHz):** Ensure the dongle is securely plugged into a USB port and the mouse is in 2.4GHz mode. Try a different USB port.
- **Bluetooth:** Verify Bluetooth is enabled on your computer and the mouse is in Bluetooth pairing mode. Re-pair the device if necessary.
- **Wired:** Ensure the USB-C cable is securely connected to both the mouse and the computer.
- **Restart:** Restart your computer and the mouse.

Tracking Issues / Inaccurate 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.
- **DPI Setting:** Adjust the DPI setting to a level suitable for your use.

Lag or Delay in Wireless Mode

- **Interference:** Move the mouse closer to the dongle. Avoid placing the dongle near other wireless devices (e.g., Wi-Fi routers, other wireless peripherals) that might cause interference.
- **Polling Rate:** Ensure your system meets the requirements for 8KHz polling rate if you are using it. If not, consider lowering the polling rate.
- **Battery Level:** Low battery can sometimes affect wireless performance. Charge the mouse.

SPECIFICATIONS

The following specifications apply to the ATK Dragonfly A9 Plus Wireless Gaming Mouse:

Model	A9 Plus
Product Dimensions	4.8 x 2.8 x 0.1 inches (125mm x 64mm x 40mm)
Item Weight (Mouse Only)	Approximately 53g (1.87 ounces)
Sensor	PAW3950 Ultra Optical Sensor
DPI Range	Up to 42,000 DPI (8 adjustable levels, 50 DPI increments)
Polling Rate	Up to 8000Hz (Wired & Wireless)
Connectivity	NearLink/2.4GHz Wireless, Bluetooth 5.3, USB-C Wired
Battery Capacity	800mAh
Battery Life	Up to 240 hours (NearLink connection)
Coating	Ice-Feel Coating
Switches	Omron Optical / ATK Custom Tuned Optical Switch
Scroll Wheel	TTC Gold
Special Features	Ergonomic Design, Lightweight, Programmable Buttons

Product Name	ATK Dragonfly A9 Series Lightweight Wireless Mouse				
Model	A9 SE	A9	A9 Plus	A9 Pro	A9 Ultra
Dimensions	125mm x 64mm x 40mm (Medium/Large Hands)				
Coating	None		Ice-Feel Coating		
Sensor	PAW 3311	PAW 3395SE	PAW 3395		PAW 3950Ultra
MCU	HiSilicon NearLink			Pixart flagship	Nordic52840
Transmission Technology	Gen-2 Smart Speed Wireless ATK ApexShark Professional Esports Firmware				
Polling Rate	Wired 1K / Wireless 1K			Wired 1K / Wireless 8K	Wired 8K / Wireless 8K
Battery	500mAh		800mAh	500mAh	
Battery Life	120 hours (NearLink Connection)		240 hours (NearLink Connection)	150 hours (1000Hz)	
Weight	53±3g		57±3g	53±3g	

Image: A detailed comparison table outlining specifications for various ATK Dragonfly A9 series models (A9 SE, A9, A9 Plus, A9 Pro, A9 Ultra), including dimensions, coating, sensor, MCU, transmission technology, polling rate, battery capacity, battery life, and weight.





WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included in your product package.
For technical support or further assistance, please visit the official ATKGEAR store on Amazon: [ATKGEAR Store](#).

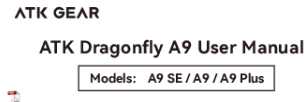
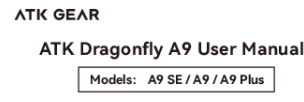


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<div>ATK GEAR</div> <div>ATK Dragonfly A9 User Manual</div> <div>Models: A9 SE / A9 / A9 Plus</div>	ATK Dragonfly A9 Series User Manual - Setup and Features Comprehensive user manual for ATK Dragonfly A9 series wireless mice, covering setup, DPI adjustment, wireless connectivity, and warranty information for models A9 SE, A9, A9 Plus, A9 Pro, A9 Pro Max, and A9 Ultra.

	ATK Blazing Sky X1 User Manual: Setup, Features, and Troubleshooting Comprehensive user manual for the ATK Blazing Sky X1 gaming mouse, covering setup, DPI and polling rate settings, wireless connectivity (2.4GHz, Bluetooth), 8K receiver usage, battery status, FAQs, and warranty information. Supports models X1 S, X1 SE, X1, X1 Pro, X1 Pro Max, X1 Ultra, X1 Ultimate, and X1 Extreme.
	ATK Blazing Sky Z1 User Manual - Gaming Mouse Guide Official user manual for the ATK Blazing Sky Z1 gaming mouse. Learn about its features, setup, DPI settings, and more.
	ATK F1 ULTIMATE Wireless Gaming Mouse User Guide Comprehensive user guide for the ATK F1 ULTIMATE wireless gaming mouse, covering setup, features, DPI/polling rate settings, FAQ, and regulatory information.
	ATK GEAR F1 Extreme - LEVIATAN Gaming Mouse User Manual Comprehensive user manual for the ATK GEAR F1 Extreme - LEVIATAN gaming mouse, covering component identification, quick start guide, DPI and polling rate settings, lighting effects, and troubleshooting FAQs.

Documents - ATK – A9 Plus

	ATK Dragonfly A9 Series User Manual - Setup and Features Comprehensive user manual for ATK Dragonfly A9 series wireless mice, covering setup, DPI adjustment, wireless connectivity, and warranty information for models A9 SE, A9, A9 Plus, A9 Pro, A9 Pro Max, and A9 Ultra. lang: score:37 filesize: 3.71 M page_count: 6 document date: 2025-06-14
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