ATK X1 Ultimate

ATK Blazing Sky X1 Ultimate Wireless Gaming Mouse User Manual

Model: X1 Ultimate | Brand: ATK

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1. INTRODUCTION

The ATK Blazing Sky X1 Ultimate is an ultra-lightweight wireless gaming mouse designed for esports performance. It features a lightweight construction, advanced sensor technology, and versatile connectivity options to provide precise control and comfort for competitive play. This manual provides essential information for setting up, operating, and maintaining your ATK Blazing Sky X1 Ultimate mouse.

Figure 1: ATK Blazing Sky X1 Ultimate Wireless Gaming Mouse.

2. PACKAGE CONTENTS

Ensure all items are present in the package:

- ATK Blazing Sky X1 Ultimate Wireless Gaming Mouse
- USB-C Charging Cable
- ATK 8K Dongle (for 8K wireless polling)
- User Manual

3. SETUP

3.1 Charging the Mouse

Connect the supplied USB-C cable to the mouse's charging port and the other end to a USB-A port on your computer or a compatible USB charger. The mouse will indicate charging status (e.g., LED indicator).

3.2 Connecting the Mouse

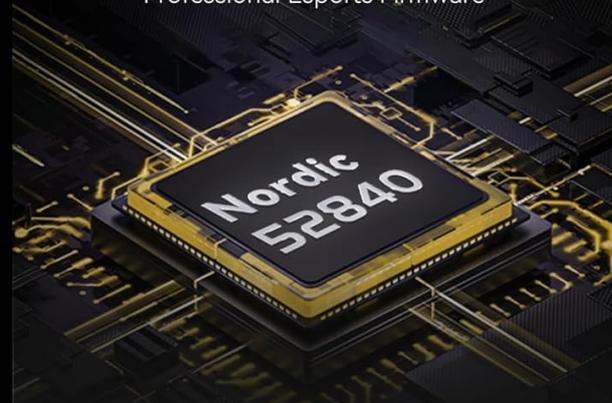The ATK Blazing Sky X1 Ultimate supports quad-mode connectivity:

1. **2.4G Wireless Mode:** Insert the ATK 8K dongle into an available USB port on your computer. Turn on the mouse and select the 2.4G mode using the switch on the bottom of the mouse. The mouse should automatically connect.
2. **Bluetooth Mode:** Turn on the mouse and select Bluetooth mode using the switch on the bottom. On your computer, go to Bluetooth settings and pair with the "ATK Blazing Sky X1" device.
3. **Wired Mode:** Connect the mouse directly to your computer using the supplied USB-C cable. The mouse will function as a wired device and charge simultaneously.

3.3 Software Installation

For full customization of DPI, polling rate, button assignments, and macros, download and install the ATK HUB/Web Driver software from the official ATK website. This software allows you to personalize your mouse settings to match your preferences.

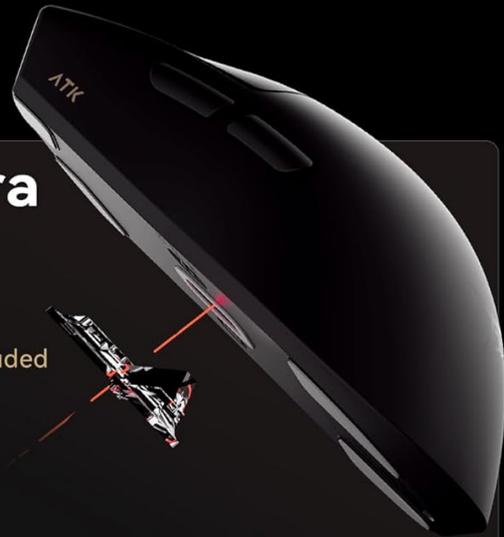*Figure 2: ATK HUB/Web Driver software interface and Nordic 52840 MCU.*

4. OPERATING INSTRUCTIONS

4.1 DPI Adjustment

The ATK Blazing Sky X1 Ultimate features a PixArt PAW3950 Ultra sensor, offering up to 36,000 DPI (Dots Per Inch) via software. You can cycle through preset DPI stages using the dedicated DPI button on the mouse, or customize and fine-tune your DPI settings using the ATK HUB/Web Driver software.

Debut PAW3950/Ultra Flagship Sensor

*X1 Ultimate Edition comes with the 8K dongle included
More Precise, More Sensitive, More Stable

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

Figure 3: PixArt PAW3950 Ultra Sensor specifications.

4.2 Polling Rate

The mouse supports adjustable polling rates from 125 Hz to 8000 Hz. For optimal performance and ultra-low latency, utilize the 8K wireless polling rate with the included ATK 8K dongle. Polling rate settings can be configured via the ATK HUB/Web Driver software.

4.3 Programmable Buttons

The X1 Ultimate is equipped with durable optical switches rated for 70 million clicks, providing crisp and reliable actuation. All buttons are programmable via the ATK HUB/Web Driver software, allowing you to assign macros, keybinds, or multimedia functions.

Figure 4: Ultra-lightweight design and Omron Optical Micro Switches.

4.4 Battery Life

The X1 Ultimate edition features a 500 mAh battery, providing approximately 75–150 hours of usage depending on the polling rate and usage intensity. Monitor battery status through the ATK HUB/Web Driver software or the mouse's LED indicator.

5. MAINTENANCE

To ensure the longevity and optimal performance of your ATK Blazing Sky X1 Ultimate mouse, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the mouse. For stubborn dirt, lightly dampen the cloth with water or a mild cleaning solution. Avoid harsh chemicals or abrasive materials.
- **Sensor Care:** Keep the optical sensor on the bottom of the mouse clean and free from dust or debris. Use a cotton swab lightly dampened with isopropyl alcohol if necessary.
- **Storage:** Store the mouse in a cool, dry place away from direct sunlight and extreme temperatures when

not in use.

6. TROUBLESHOOTING

If you encounter issues with your ATK Blazing Sky X1 Ultimate mouse, refer to the following common solutions:

- **Mouse not responding:** Ensure the mouse is charged and powered on. Check the connectivity mode (2.4G, Bluetooth, or wired) and ensure it matches your computer's connection. Re-insert the USB dongle or re-pair via Bluetooth.
- **Tracking issues:** Clean the optical sensor on the bottom of the mouse. Ensure you are using the mouse on a suitable surface (a mouse pad is recommended). Update the mouse firmware via the ATK HUB/Web Driver software.
- **Battery not charging:** Verify the USB-C cable is securely connected to both the mouse and the power source. Try a different USB port or charging cable.
- **Software not detecting mouse:** Ensure the mouse is connected to your computer. Reinstall the ATK HUB/Web Driver software.

7. SPECIFICATIONS

Feature	Detail
Model Number	ATK Blazing Sky X1 Ultimate
Item Weight	1.8 ounces (approx. 51g for X1 Ultimate)
Brand	ATK
Color	White
Connectivity Technology	NearLink, 2.4G Wireless, Bluetooth, Wired USB-C
Special Feature	Ultra-Lightweight, Programmable Buttons, Rechargeable
Movement Detection Technology	Optical
Sensor	PixArt PAW3950 Ultra (up to 36,000 DPI via software)
Switches	Optical Switches (70M clicks)
MCU	Nordic 52840 with Smartspeed 2.0
Polling Rate	125 Hz - 8000 Hz (8K with ATK 8K Dongle)
Battery	500 mAh (75-150 hours depending on usage)
Dimensions	127 × 64 × 40 mm

6. TROUBLESHOOTING

Product Name	ATK Blazing Sky X1 Hole-less Ultra-Lightweight Wireless Mouse				
Specs	X1	X1 PRO	X1 PRO MAX	X1 ULTRA	X1 ULTIMATE
Color	Black / White				
Size	127mm x 62mm x 40mm				
Coating	Ice-Feel Coating				
Sensor	PAW3395	PAW3950		PAW3950 Ultra	
Controller	Pixart Flagship	Nordic 52840			
Transmission Technology	Smartspeed Wireless Gen-2 Transmission Technology ATK ApexShark Professional Esports Firmware				
Polling Rate	Wired 1K Hz / Wireless 8K Hz	Wired 8K Hz / Wireless 8K Hz			
Battery	500mAh	250mAh	500mAh	500mAh	500mAh
Battery Life	150 H (1000Hz)	75 H (1000Hz)	150 H (1000Hz)	150 H (1000Hz)	150 H (1000Hz)
Weight	54g±3g	49g±3g	54g±3g	54g±3g	51g±3g
Primary Switch	Huanuo Ice Berry Pink Dot	Omron Optical			Omron Optical - D2FP
Side Switch	Huanuo				
Scroll Wheel	F-Switch E10 Flagship				
Mouse Feet	100% Teflon Feet				Full-Size Gaming Mouse Feet
Connectivity	Wired / Wireless				
Dongle	Come with 1K Dongle				Come with 8K Dongle

Figure 5: ATK Blazing Sky X1 Series Specification Table.

8. WARRANTY & SUPPORT

For detailed warranty information, product registration, and technical support, please visit the official ATK website or contact ATK customer service. Keep your proof of purchase for warranty claims.

- **Online Support:** Visit the ATK Store on Amazon for FAQs and product information.
- **Contact:** Refer to your product packaging or the ATK website for direct customer service contact details.