

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

- › [ATK](#) /
- › [ATK 68 RX Hall Effect Gaming Keyboard User Manual](#)

ATK ATK 68 RX

ATK 68 RX Hall Effect Gaming Keyboard User Manual

MODEL: ATK 68 RX

Introduction

The ATK 68 RX is a 65% esports keyboard engineered for precision and durability. It features advanced Hall Effect magnetic switches, which utilize non-contact actuation to eliminate physical wear, ensuring a longer lifespan and more consistent input compared to traditional mechanical switches.

This keyboard offers an exceptional level of customization with adjustable actuation for each key, ranging from 0.005 mm to 3.3 mm in precise 0.001 mm increments. This allows users to fine-tune sensitivity for both rapid gaming responses and accurate typing.

Constructed with a robust tray-mount chassis and an aluminum plate, the 68 RX provides superior keystroke stability and reduced vibration, enhancing the overall typing and gaming experience. The Cherry-profile frosted PC keycaps are designed to optimize RGB lighting diffusion while maintaining durability.



Figure 1: Top-down view of the ATK 68 RX Hall Effect Gaming Keyboard.

Setup

To begin using your ATK 68 RX keyboard, follow these steps:

1. **Unboxing:** Carefully remove all components from the packaging. Verify that you have the keyboard, USB-C cable, keycap & switch puller, M2 cross screwdriver, matching wrist rest, replaceable strap plate, strap, and matching add-on keycaps.
2. **Connect the Keyboard:** Plug the USB-C end of the provided cable into the port on the keyboard and the USB-A end into an available USB port on your computer. The keyboard is designed for wired connectivity.
3. **Driver Installation (Optional but Recommended):** For full customization and access to advanced features like adjustable actuation and preset switching, download and install the official ATK software driver from the ATK support website.

► Package Content ◀



- | | | | |
|---------------------------|--------------------------|---------------------------|--|
| ① Outer Package | ② Warranty Certificate | ③ Keyboard | ④ Matching Wrist Rest
Plastic Replacement |
| ⑤ M2 Cross Screwdriver | ⑥ Keycap & Switch Puller | ⑦ 8K USB Cable | |
| ⑧ Replaceable Strap Plate | ⑨ Strap | ⑩ Matching Add-on Keycaps | |

Figure 2: Package contents of the ATK 68 RX keyboard.

Compact Size, Flagship Performance



Figure 3: USB-C port on the ATK 68 RX keyboard for connectivity.

Operating

The ATK 68 RX keyboard offers a range of features designed to enhance your gaming and typing experience.

Key Features

- **Hall Effect Switch Technology:** The magnetic sensing mechanism provides ultra-high precision, faster response times, and an extended switch lifespan by eliminating physical contact points.
- **Adjustable Actuation Range:** Customize the sensitivity of each key from 0.005 mm to 3.3 mm in 0.001 mm increments. This allows for optimal performance tailored to competitive gaming (e.g., rapid trigger) or precise typing.

8K_{Hz}

Polling Rate

0.005

Precision(mm)

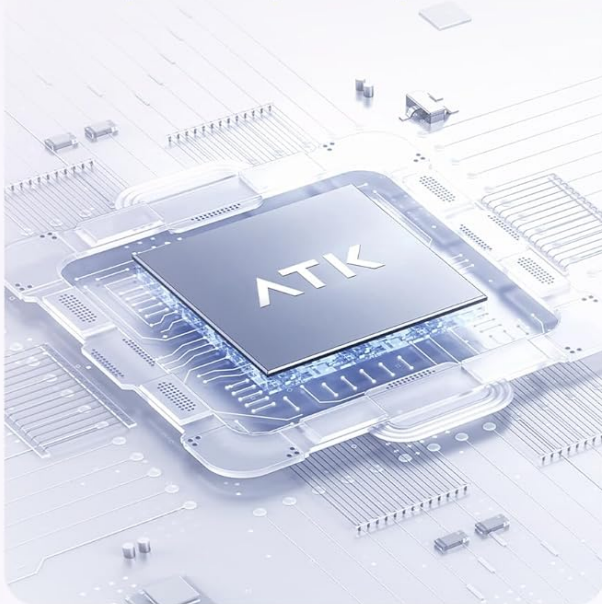
0.08

Latency(ms)

256K_{Hz}

Scan Rate

Proprietary 4-Layer PCB



ATK Blazing Wind
Magnetic Switch Solution



480MHz MCU



One-Click Preset Switch

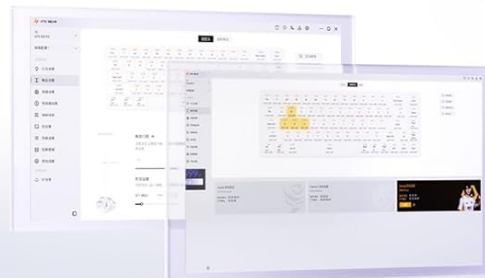


Figure 4: Illustration of 0.005mm step precision.

- **65% / 68-Key Compact Layout:** This layout retains essential keys and arrow keys while significantly saving desk space, which is ideal for gamers requiring quick mouse movements.
- **Tray-Mount Structure with Aluminum Plate:** This design ensures consistent keystroke stability, reduces unwanted vibration, and provides a more rigid and premium feel compared to standard plastic-mounted keyboards.
- **Technical Components & Customization:** The keyboard features Cherry-profile frosted PC keycaps that improve RGB diffusion. Users can choose between Wolf or Primordial magnetic switches based on their preference.

0.005mm* Step Precision

Easily Master FPS Rapid Trigger/Stop and
Frame-perfect Combos in Fighting Games.

Seamlessly Sync Tactical Awareness with
Muscle Memory for the Ultimate
Competitive Experience.



Figure 5: The compact size of the ATK 68 RX keyboard.

Customization and Features

- **One-Click Preset Switch:** Utilize the driver software to set up three customizable presets, allowing seamless switching between work and gaming modes.
- **RGB Lighting:** The keyboard features south-facing 16.8 million color RGB lighting with 22 pre-set lighting effects, offering extensive visual customization.
- **Advanced Functions:** Supports RT (Rapid Trigger), DKS (Dynamic Key Stroke), MT (Macro Trigger), TGL (Toggle), adjustable deadzone, and comprehensive key remapping through the software.
- **Innovative Wrist Rest Design:** The detachable aluminum wrist rest provides ergonomic support and allows for custom DIY modifications.

Innovative Wrist Rest Design

Detachable Aluminum
Wrist Rest for Custom DIY Play



Figure 6: Software interface for one-click preset switching.

►One-Click◄

Preset Switch

Three Customizable Presets via Driver
Seamlessly Switch Between
Work and Gaming Modes



Figure 7: Innovative wrist rest design with color options.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your ATK 68 RX keyboard.

- **General Cleaning:** Regularly use a soft brush or compressed air to remove dust and debris from between the keycaps. For surface cleaning, wipe with a slightly damp, lint-free cloth. Avoid harsh chemicals.
- **Keycap Care:** The Cherry-profile frosted PC keycaps can be removed using the provided keycap puller for deeper cleaning. Wash keycaps with mild soap and water, then dry thoroughly before reattaching.
- **Switch Care:** Due to the Hall Effect magnetic switches, there is no physical contact wear. However, ensure no foreign objects enter the switch housing. If a switch needs replacement, use the provided switch puller.
- **Cable Management:** Avoid sharp bends or excessive pulling on the USB-C cable to prevent damage.

Troubleshooting

If you encounter issues with your ATK 68 RX keyboard, consider the following common solutions:

- **Keyboard Not Responding:**

- Ensure the USB-C cable is securely connected to both the keyboard and the computer.
 - Try connecting the keyboard to a different USB port on your computer.
 - Test the keyboard on another computer to rule out system-specific issues.
- **Specific Keys Not Working:**
 - Remove the keycap and visually inspect the switch for any obstructions.
 - If you suspect a faulty switch, and you have spare switches, you may attempt to hot-swap the switch using the provided tool.
- **Software Issues / Customization Not Applying:**
 - Ensure you have the latest version of the ATK software driver installed.
 - Restart the software and/or your computer.
 - Check for any conflicting software that might interfere with keyboard functions.
- **RGB Lighting Problems:**
 - Verify that the lighting settings in the ATK software are correctly configured.
 - Ensure the keyboard is receiving sufficient power from the USB port.

If these steps do not resolve your issue, please refer to the support section for further assistance.

Specifications

Detailed technical specifications for the ATK 68 RX Hall Effect Gaming Keyboard:

Feature	Description
Product Name	ATK 68 RX esports Hall Effect Keyboard
Color Options	White, Black, Pink
Switch Type	Wolf Switch / Primordial Switch (Magnetic Hall Effect)
Stabilizer	V1 Demagnetized Stabilizer
RT (Rapid Trigger) Range	0.005mm ~ 3.3mm
RT Step Precision	0.001mm
Latency	0.08ms
Scan Rate	256K Hz
Polling Rate	8000 Hz
Keycaps	PC Frosted Keycaps (Cherry-profile)
Padding	Silicone Base Pad, Poron Foam, EPDM Foam, PET Film, IXPE Pad, Silicone Plate Foam
Wrist Rest Material	CNC Aluminum
Wrist Rest Color Options	Champagne Gold, Gray, Pink

Feature	Description
Wrist Rest Finish	Anodized Sandblasting, Electrostatic Powder Coating
Lighting	South-Facing 16.8M RGB with 22 Pre-set Lighting Effects
Positioning Plate	Aluminum Positioning Plate
Functions Supported	RT/DKS/MT/TGL/Adjustable Deadzone and Key Remapping
Connectivity	Wired (USB-C)
System Compatibility	Windows / MacOS / Linux
Product Dimensions	12.5"L x 4.5"W x 1.2"H (31.75 cm x 11.43 cm x 3.05 cm)
Item Weight	2 pounds (0.91 kg)
Manufacturer	ATK
Model Number	ATK 68 RX
First Available	August 16, 2025

Product Name	ATK 68 RX eSports Hall Effect Keyboard		
Color	White	Black	Pink
Switch	Wolf Switch / Primordial Switch		
Stabilizer	V1 Demagnetized Stabilizer		
RT Range	0.005~3.3mm		
RT Step Precision	0.001mm		
Latency	0.08ms		
Scan Rate	256K Hz		
Polling Rate	8000 Hz		
Keycaps	PC Frosted Keycaps		
Padding	Silicone Base Pad, Poron Foam, EPDM Foam		
	PET Film, IXPE Pad, Silicone Plate Foam		
Wrist Rest Material	CNC Aluminum		
Wrist Rest Color	Champagne Gold	Gray	Pink
Wrist Rest Finish	Anodized Sandblasting		Electrostatic Powder Coating
Lighting	South-Facing 16.8M RGB with 22 Pre-set Lighting Effects		
Positioning Plate	Aluminum Positioning Plate		
Functions	Supports RT/DKS/MT/TGL/Adjustable Deadzone and Key Remapping		
Connectivity	Wired		
System Compatibility	Windows / MacOS / Linux		

Figure 8: Technical overview of the ATK 68 RX keyboard.

Warranty and Support







ATK is committed to providing high-quality gaming gear. For information regarding product warranty, please refer to the warranty certificate included in your product packaging (Figure 2, item 2).

For technical support, driver downloads, or frequently asked questions, please visit the official ATK store or support page:

[Visit the Official ATK Store on Amazon](#)

You can also contact the seller, ATK Gaming Gears, directly through the Amazon platform for assistance.

Related Documents - ATK 68 RX

	<p>ATK F1 PRO MAX User Guide: Features, Setup, and Specifications</p> <p>Comprehensive user guide for the ATK F1 PRO MAX lightweight wireless mouse, covering quick start, DPI settings, polling rate, battery status, and FCC compliance information.</p>
	<p>ATK Z1 PRO MAX Lightweight Wireless Mouse User Guide Quick Start & Features</p> <p>Comprehensive user guide for the ATK Z1 PRO MAX lightweight wireless mouse. Learn about setup, DPI settings, battery status, and FCC compliance.</p>
	<p>ATK 406 Rotax Engine Spare Parts List</p> <p>Comprehensive spare parts list for the ATK 406 motorcycle featuring the Rotax engine. Includes detailed part numbers and descriptions for various engine components, transmission, clutch, and magneto systems.</p>
	<p>ATK FIERCE X Wireless Mouse User Guide</p> <p>User guide for the ATK FIERCE X wireless mouse, detailing its features, setup, and operation. Includes information on buttons, DPI settings, polling rate, battery status, and FCC compliance.</p>
	<p>ATK F1 ULTIMATE Wireless Gaming Mouse User Guide</p> <p>Comprehensive user guide for the ATK F1 ULTIMATE wireless gaming mouse, covering setup, features, DPI/polling rate settings, FAQ, and regulatory information.</p>
	<p>ATK Z87 PRO User Manual</p> <p>User manual for the ATK Z87 PRO keyboard, detailing key descriptions, connection methods, power management, lighting effects, and troubleshooting.</p>