

## ATK A87 Pro

# ATK A87 Pro Wireless Mechanical Keyboard User Manual

Model: A87 Pro

## 1. INTRODUCTION

This manual provides detailed instructions for the ATK A87 Pro Wireless Mechanical Keyboard. Designed for versatility and performance, this 87-key Tenkeyless (TKL) keyboard features a gasket-mounted structure, hot-swappable switches, and tri-mode connectivity. Please read this manual thoroughly to ensure proper setup and operation of your device.



Image 1: ATK A87 Pro Wireless Mechanical Keyboard, showcasing its 87-key layout and RGB lighting.

## 2. PRODUCT OVERVIEW

The ATK A87 Pro is an 87-key TKL mechanical keyboard engineered for both gaming and productivity. Its compact ANSI layout optimizes desk space while retaining essential keys. Key features include:

- **Gasket-Mounted Design:** Features a multi-layer damping system for a soft, stable key feel and reduced acoustic resonance.
- **Hot-Swappable Sockets:** Allows for easy switch replacement and keycap customization. Equipped with south-facing LEDs for compatibility with various keycap profiles.

- **Full N-Key Rollover (NKRO):** Ensures every keypress is registered accurately, even during rapid typing or complex gaming sequences.
- **Tri-Mode Connectivity:** Supports 2.4G wireless, Bluetooth, and USB-C wired connections. Offers low-latency 1ms performance in 2.4G wireless mode.
- **Per-Key 16.8M RGB Lighting:** Customizable RGB lighting with multiple preset effects for personalization.

# Highlight at a Glance

Tri-Mode Mechanical Gaming Keyboard

The Endgame Choice

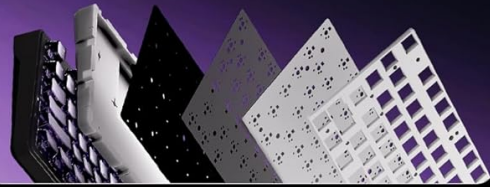
## Colorful Keycaps

Translucent Shine, Solid Finish  
— Your Choice



## 5-Layer Premium Padding

Gasket Structure, Sounding, Feel, All Maxed



## HiFi Mahjong Sound

Every Stroke is Carefully Designed

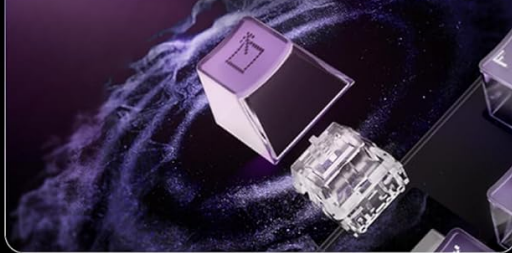
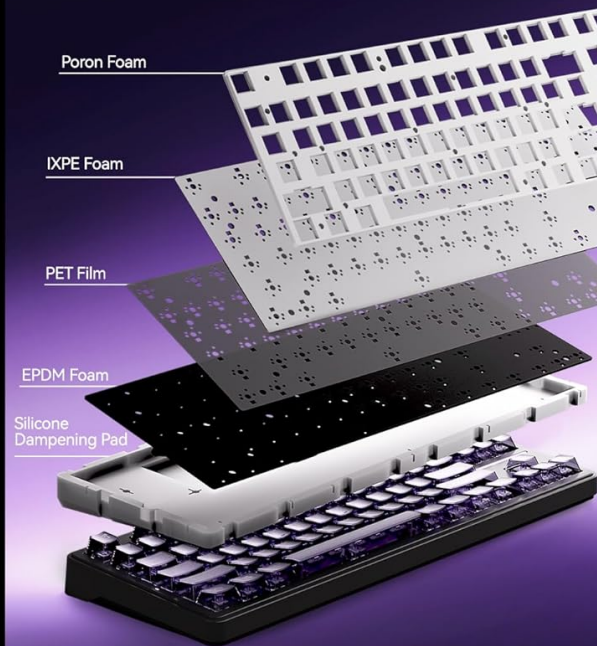


Image 2: Visual summary of the ATK A87 Pro's key features, including tri-mode connectivity, 5-layer padding, and HiFi sound.

## Five-Layer Padding

Stability, sounding, and feel — fully optimized  
Gasket Structure  
Light to type, fun to strike



## HiFi Mahjong Sound

From Keycap, Switch, Structure to Paddings,  
Every Stroke is Carefully Designed



Image 3: Detailed view of the keyboard's five-layer padding for enhanced stability and acoustic performance.

# Premium Switches

Not Just Flagship — A Class Beyond.

Linear

## Outemu Black Plum Switch Pro



### Flagship Performance

HiFi Sounding Light Actuation

Actuation Force:  $38 \pm 7$ gf  
Total Travel: 3.3mm  
Lifespan: 50M Clicks

\*A87 Cloud White uses Gateron Plum switches (no light guide pillars), and its specs is same as Gateron Plum Pro.

BSUN Taichi

Linear



### Mahjong HiFi

Durable Feel, Even Light

Actuation Force:  $40 \pm 5$ gf  
Total Travel:  $3.6 \pm 0.2$ mm  
Lifespan: 50M Clicks

Outemu Ice Snake

Linear



### Full Transparency

Clear Light, Strong Rebound

Actuation Force:  $40 \pm 10$ gf  
Total Travel:  $3.6 \pm 0.2$ mm  
Lifespan: 50M Clicks

Linear

## Huanuo Polar Latte



### Super Smooth

Huanuo Flagship

Actuation Force: 45gf  
Total Travel: 3.6mm  
Lifespan: 50M Clicks

Kailh Arctic Fox

Tactile



### Quick Trigger

Strong Rebound,  
Crisp and Pleasant Sound

Actuation Force:  $56 \pm 10$ gf  
Total Travel:  $3.6 \pm 0.3$ mm  
Lifespan: 80M Clicks

Image 4: Illustration of different premium switch types, highlighting their characteristics and performance.



Image 5: Examples of keycap legend styles and transparent keycaps for enhanced RGB lighting.

## 3. SETUP

### 3.1 Package Contents

Ensure all items are present in the package:

- ATK A87 Pro Mechanical Keyboard
- USB-C Cable
- 2.4G Wireless Receiver (stored in keyboard)
- Keycap Puller
- Switch Puller
- User Manual

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Video 1: Unboxing and initial setup of the ATK A87 Pro keyboard, demonstrating package contents and basic features.

## 3.2 Connectivity Modes

The ATK A87 Pro supports three connection methods:

### 1. 2.4G Wireless Mode:

- Locate the 2.4G wireless receiver stored in the dedicated compartment on the back of the keyboard.
- Plug the receiver into an available USB port on your computer.
- Switch the keyboard's mode selector to 2.4G. The keyboard will automatically connect.

### 2. Bluetooth Mode:

- Switch the keyboard's mode selector to Bluetooth (BT).
- On your computer or device, enable Bluetooth and search for new devices.
- Select "ATK A87 Pro" from the list of available devices to pair. The keyboard can store up to 3 Bluetooth profiles.

### 3. USB-C Wired Mode:

- Connect the provided USB-C cable to the keyboard's USB-C port and the other end to your computer.
- The keyboard will automatically switch to wired mode and begin charging.

# Ergonomic Keyboard Design

Two-stage feet  
Three precise tilt angles for versatile use



Image 6: Features such as adjustable ergonomic feet, the hidden compartment for the 2.4G receiver, and the hot-swappable switch design.



Image 7: Overview of the keyboard's performance features, including low latency, multiple connection options, and long battery life.

### 3.3 Charging

Connect the keyboard to your computer using the USB-C cable. The keyboard will charge automatically. The battery indicator (usually an LED near the USB port or on specific keys) will show charging status.

## 4. OPERATING INSTRUCTIONS

### 4.1 Function (FN) Key Combinations

The FN key, located on the bottom row, can be combined with other keys to access various functions:

- **FN + F1-F12:** Multimedia controls (e.g., volume, play/pause, track skip). Specific functions may vary.
- **FN + Backlight Key:** Cycle through RGB lighting effects.
- **FN + Arrow Keys:** Adjust RGB brightness and speed.
- **FN + Q/W/E:** Switch between Bluetooth device profiles (BT1, BT2, BT3).
- **FN + R:** Switch to 2.4G wireless mode.

- **FN + T**: Switch to wired mode.
- **FN + Win**: Lock/Unlock Windows key.

## 4.2 RGB Lighting Control

The ATK A87 Pro features per-key 16.8M RGB lighting. Use the FN key combinations mentioned above to customize your lighting experience. Refer to the specific key legends for detailed lighting controls.



Image 8: The keyboard displaying its ARGB music rhythm lighting feature, synchronized with audio.

## 4.3 Hot-Swapping Switches

The hot-swappable design allows you to change mechanical switches without soldering. Use the provided switch puller to carefully remove existing switches and insert new ones. Ensure the pins of the new switch align correctly with the sockets to avoid damage.

# 5. MAINTENANCE

## 5.1 Cleaning

To clean your keyboard:

- Disconnect the keyboard from all power sources.
- Use a keycap puller to remove keycaps for thorough cleaning.
- Wipe the keycaps and keyboard surface with a soft, damp cloth. For stubborn dirt, use a mild cleaning solution.
- Use compressed air to remove dust and debris from between the switches.
- Ensure all components are completely dry before reassembling and reconnecting the keyboard.

### 5.2 Switch and Keycap Replacement

When replacing switches or keycaps, use the provided tools. Be gentle to avoid bending switch pins or damaging keycap stems. Ensure new switches are fully seated and keycaps are pressed down evenly.

## 6. TROUBLESHOOTING

If you encounter issues with your ATK A87 Pro keyboard, refer to the following common solutions:

- **Keyboard not responding:** Ensure the keyboard is charged and properly connected (wired, 2.4G receiver, or Bluetooth paired). Try switching between modes.
- **2.4G Wireless connection issues:** Ensure the receiver is securely plugged in and the keyboard is in 2.4G mode. Try plugging the receiver into a different USB port.
- **Bluetooth connection issues:** Ensure Bluetooth is enabled on your device and the keyboard is in pairing mode (FN + Q/W/E). Remove and re-pair the device if necessary.
- **RGB lighting not working:** Check FN key combinations for lighting control. Ensure the keyboard is not in a low-power state.
- **Keys not registering:** Check if the switch is properly seated. If hot-swapping, ensure switch pins are not bent.
- **Intermittent disconnections:** Ensure the keyboard is within range of the receiver/Bluetooth device. Avoid sources of interference.

For further assistance, please contact ATK customer support.

## 7. SPECIFICATIONS

Detailed technical specifications for the ATK A87 Pro keyboard:

Feature	Detail
Model Name	A87 Pro
Layout	80% TKL with 87 keys
Structure	Gasket Mount
Padding	Poron Foam / IXPE Foam / PET Film / EPDM Foam / Silicone Dampening Pad
Connectivity	2.4G Wireless / Bluetooth / USB-C Wired
Lighting	16.8M ARGB (South Facing), Music Rhythm Support
Battery	12000 mAh

Feature	Detail
Hot-Swappable	Yes
N-Key Rollover (NKRO)	Full NKRO
Latency	1ms (2.4G Wireless)
System Support	Windows / macOS
Manufacturer	ATK
Item Weight	3 pounds
Package Dimensions	15 x 7 x 2 inches

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Video 2: A promotional video showcasing the ATK A87 Gaming Keyboard's features and design.





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Video 3: Another promotional video highlighting the ATK A87 Pro Gaming Keyboard's various functionalities and aesthetic appeal.

## 8. WARRANTY AND SUPPORT

ATK products are covered by a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included in your package or visit the official ATK website. For technical support, troubleshooting assistance, or any product-related inquiries, please contact ATK customer service through their official channels or visit the [ATK Store on Amazon](#).

### Related Documents - A87 Pro

	<p><a href="#">ATK 406 Rotax Engine Spare Parts List</a></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><a href="#">ATK F1 PRO MAX User Guide: Features, Setup, and Specifications</a></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><a href="#">ATK RS6 Gaming Keyboard User Manual: Features, Functions, and Support</a></p> <p>Comprehensive user manual for the ATK RS6 Professional Gaming Magnetic Axis Keyboard. Details product specifications, package contents, device connection, FN key functions, system switching, and software customization via WWW.ATK.PRO.</p>
	<p><a href="#">ATK Z1 PRO MAX Lightweight Wireless Mouse User Guide   Quick Start &amp; Features</a></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><a href="#">ATK FIERCE X Wireless Mouse User Guide</a></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><a href="#">ATK F1 ULTIMATE Wireless Gaming Mouse User Guide</a></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>