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## Attoe AK680

# Attoe AK680 Mechanical Gaming Keyboard User Manual

Model: AK680

## 1. PRODUCT OVERVIEW

The Attoe AK680 is a wired mechanical gaming keyboard designed for performance and customization. It features a compact 60% layout, RGB backlighting, hot-swappable switches, and durable double-shot PBT keycaps. This manual provides essential information for setting up, operating, and maintaining your keyboard.



Figure 1: Attoe AK680 Mechanical Gaming Keyboard.

## 2. PACKAGE CONTENTS

Verify that all items are present in the package:

- Attoe AK680 Mechanical Gaming Keyboard
- USB-C Cable
- Keycap Puller

- Switch Puller (often integrated with keycap puller or separate)
- User Manual (this document)

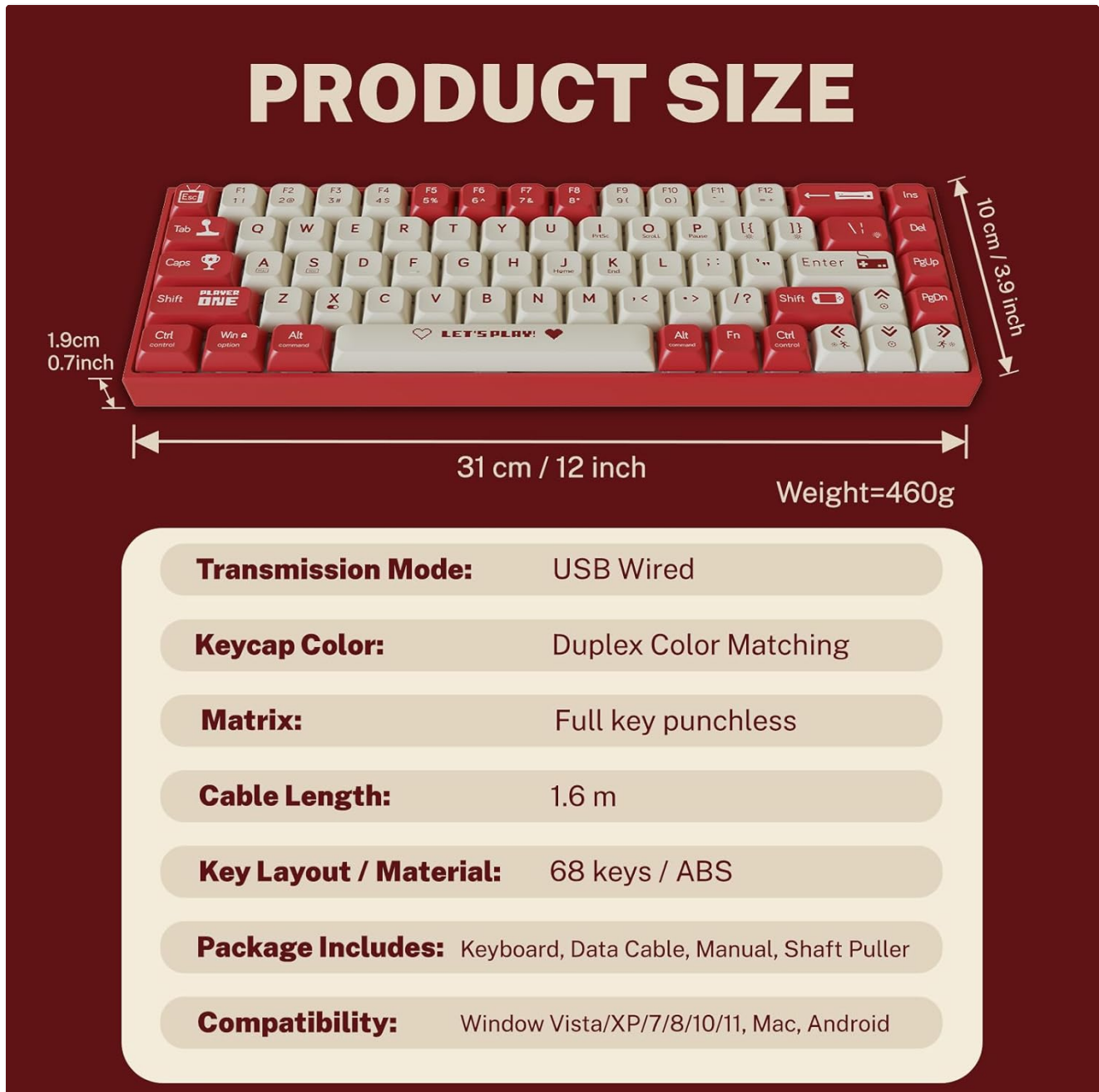


Figure 2: Package contents and product dimensions.

### 3. SETUP INSTRUCTIONS

#### 3.1 Connecting the Keyboard

1. Locate the USB-C port on the back or side of the keyboard.
2. Connect one end of the provided USB-C cable to the keyboard's USB-C port.
3. Connect the other end of the USB-A connector to an available USB port on your computer.
4. The keyboard will be automatically recognized by your operating system. No additional drivers are typically required for basic functionality.

#### 3.2 System Compatibility

The Attoe AK680 keyboard is compatible with the following operating systems:

- Windows Vista / XP / 7 / 8 / 10 / 11
- macOS
- Android



Figure 3: Multi-system compatibility of the keyboard.

## 4. OPERATING INSTRUCTIONS

### 4.1 Basic Keyboard Functions

The AK680 features a 68-key layout, providing essential keys while maintaining a compact form factor. All keys support anti-ghosting, ensuring accurate input even during rapid key presses.

# 68 Keys Layout Keyboard

Save space, keep arrow keys and number pad for both gaming and work



Figure 4: The 68-key layout for efficient use.

## 4.2 RGB Backlighting

The keyboard features 16.8 million color RGB backlighting with various effects. Specific key combinations (often involving the **Fn** key) are used to cycle through lighting modes, adjust brightness, and change colors. Refer to the quick start guide or product page for detailed key combinations for lighting control.



# 16.8 Million RGB Backlight

Create the ultimate game atmosphere with vibrant lighting effect



Figure 5: RGB Backlighting in operation.

## 4.3 Hot-Swappable Switches

The AK680 supports hot-swappable 3-pin and 5-pin mechanical switches. This allows you to easily change switches without soldering, customizing the typing feel to your preference. Use the included switch puller for safe removal and installation.

# HOTS WAPPABLE

3/5-pin Mechanical Switches



Figure 6: Hot-swappable switch mechanism.

## 5. MAINTENANCE

### 5.1 Cleaning the Keyboard

- **General Cleaning:** Use a soft, dry cloth to wipe the surface of the keyboard. For stubborn dirt, slightly dampen the cloth with water or a mild, non-abrasive cleaner.
- **Between Keycaps:** Use compressed air to remove dust and debris from between the keycaps.
- **Keycap Cleaning:** For thorough cleaning, remove keycaps using the provided keycap puller. Wash keycaps with mild soap and water, rinse thoroughly, and ensure they are completely dry before reattaching.

### 5.2 Replacing Keycaps and Switches

The AK680's hot-swappable design allows for easy replacement of keycaps and switches.

1. **Removing Keycaps:** Use the keycap puller to gently grip and lift keycaps straight up.
2. **Removing Switches:** After removing the keycap, use the switch puller to carefully grip the top and bottom

clips of the switch and pull it straight out.

3. **Installing Switches:** Align the new switch's pins with the holes on the PCB. Press down firmly until the switch clicks into place. Ensure pins are not bent.
4. **Installing Keycaps:** Align the keycap with the switch stem and press down gently until it is seated securely.



Figure 7: Components of a mechanical switch and tools for maintenance.

## 6. TROUBLESHOOTING

### • 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.

### • Keys Not Registering:

- Remove the keycap and switch for the affected key. Reinstall the switch, ensuring it is properly seated

and its pins are not bent.

- Clean any debris that might be obstructing the switch mechanism.

- **RGB Backlighting Not Working:**

- Check if the backlighting is turned off or set to minimum brightness using the keyboard's function keys.
- Ensure the keyboard is receiving sufficient power from the USB port.

## 7. SPECIFICATIONS

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Feature	Detail
Model Number	AK680
Brand	Attoe
Connection Type	Wired (USB-C)
Number of Keys	68 keys
Key Technology	Mechanical Shaft (Red/Teal Shaft), Hot-Swappable (3-pin/5-pin)
Keycap Material	Double-Shot PBT
Backlighting	RGB (16.8 million colors)
Anti-Ghosting	Full Keys Anti-Ghosting
Cable Length	1.6 meters
Product Dimensions	12 x 3.9 x 0.7 inches (31 x 10 x 1.9 cm)
Item Weight	1.01 pounds (460g)
Compatibility	Windows Vista/XP/7/8/10/11, macOS, Android
Waterproof Function	IPX4 rated protection (splash resistant)

## 8. WARRANTY AND SUPPORT

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Attoe provides a **12-month warranty** for the AK680 Mechanical Gaming Keyboard from the date of purchase. If you encounter any problems or have questions regarding your product, please contact Attoe customer service. We are committed to providing the best service and will respond within 24 hours to assist you. For support, please refer to the contact information provided with your purchase or visit the official Attoe website.

