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› AJAZZ AK873PRO-XINMENG X87 75% Wired Gaming Keyboard User Manual

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Model: AK873PRO-XINMENG X87

Brand: AJAZZ

INTRODUCTION

Thank you for choosing the AJAZZ AK873PRO-XINMENG X87 75% Wired Gaming Keyboard. This mechanical keyboard is designed for optimal gaming and typing performance, featuring a compact layout, pre-lubed switches, gasket-mount design, and customizable RGB backlighting. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure you get the most out of your new keyboard.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- Wired Keyboard
- Coiled Keyboard Cable (USB-C)
- Keyboard Dust Cover
- Keyboard Manual (this document)
- Keycap and Switch Puller
- 8 Colored PBT Keycaps (additional)

PACKAGE INCLUDED

- Wired Keyboard
- Coiled Keyboard Cable
- 8 Colored PBT Keycaps
- Keyboard Dust Cover
- Keyboard Manual
- Keycap and Switch Puller



Image: All items included in the AK873PRO-XINMENG X87 keyboard package.

SETUP

Follow these steps to set up your keyboard:

1. Unpack the keyboard and all accessories from the box.
2. Connect the coiled USB-C cable to the USB-C port on the keyboard.
3. Connect the other end of the coiled cable (USB-A) to an available USB port on your computer (PC or Mac).
4. The keyboard is plug-and-play and should be automatically recognized by your operating system (Windows 2000/XP/Vista/7/8/10/11 or Mac OS).
5. Adjust the two-level feet on the underside of the keyboard for your preferred typing angle.

CUSTOMIZED WIRED GAMING KEYBOARD

Work For Win2000/XP/Vista/7/8/10/11/Mac OS

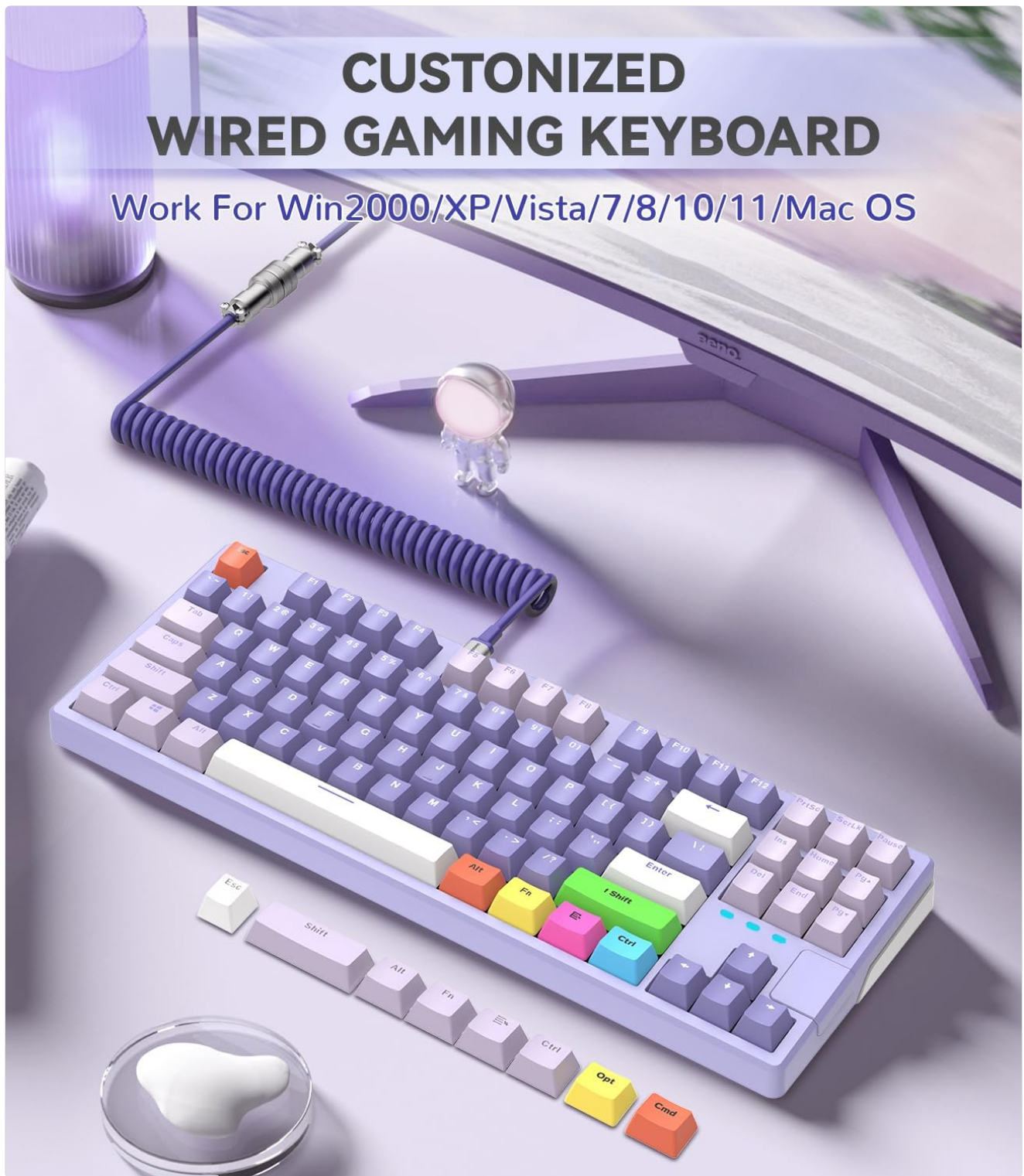


Image: The keyboard connected via its coiled USB-C cable to a computer, demonstrating its wired setup.

OPERATING INSTRUCTIONS

Backlight Control

The keyboard features a dazzling rainbow illuminated LED backlight with various modes and customization options:

- **Change Backlight Mode:** Press **FN + Ins** to cycle through 26 preset backlight modes.
- **Adjust Brightness:** Press **FN + ↑ (Up Arrow)** to increase brightness, **FN + ↓ (Down Arrow)** to decrease brightness.
- **Adjust Speed:** Press **FN + → (Right Arrow)** to increase animation speed, **FN + ← (Left Arrow)** to decrease animation speed.
- **Gaming Backlight Modes:** Press **FN + 1** through **FN + 8** for 8 pre-configured gaming backlight modes.

- **Custom Backlight Modes:** Press **FN + 9** or **FN + 0** for 2 custom backlight modes.
- **Restore Factory Settings:** Press **FN + Ins** (hold for 3 seconds) to restore default backlight settings.

COILED KEYBOARD CABLE

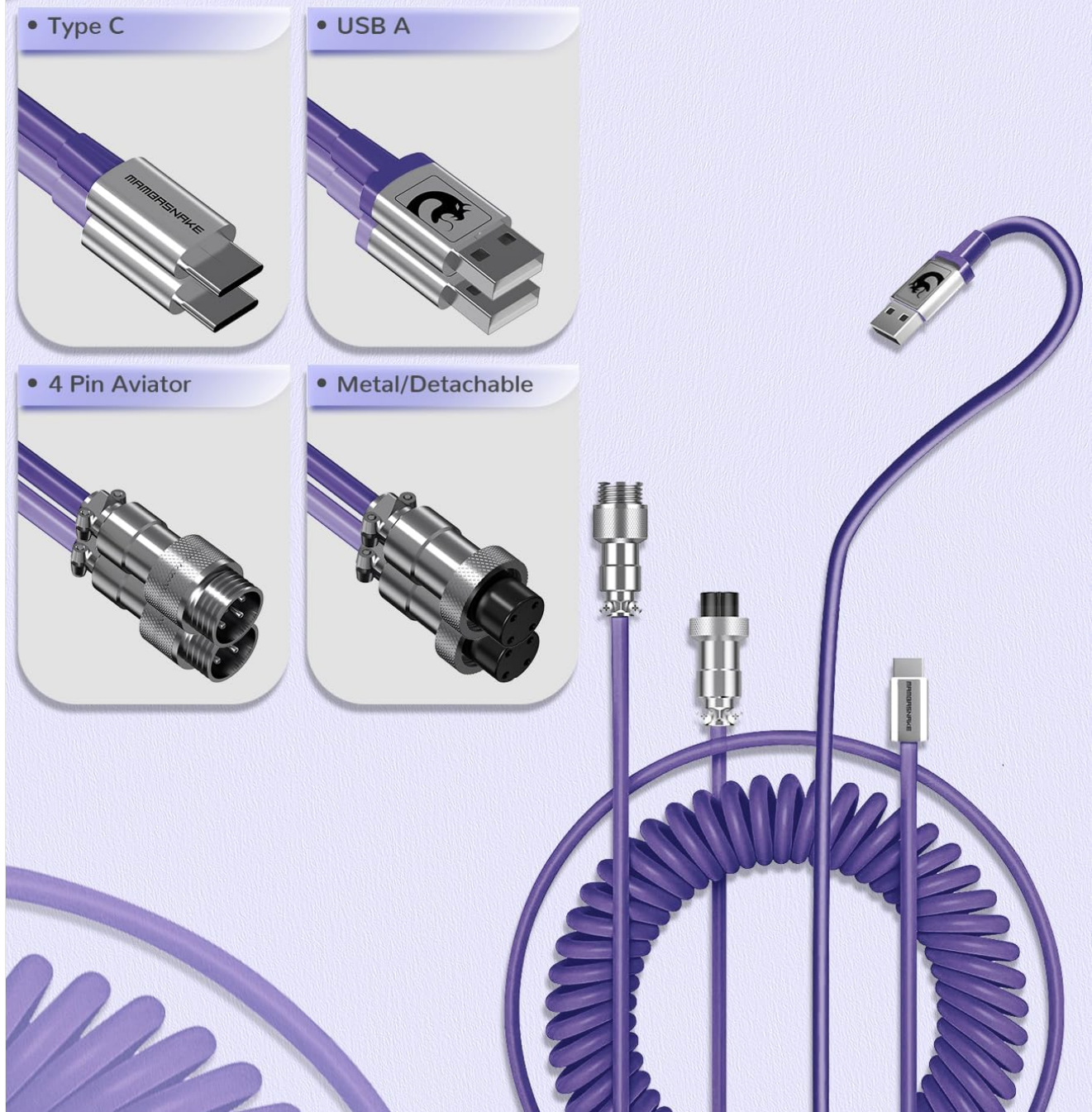


Image: FN key combinations for backlight control.

System Switch

The keyboard includes a physical switch to toggle between Mac and Windows compatibility modes, ensuring proper key mapping for your operating system.

- Locate the 'Mac/Win' switch on the top edge of the keyboard.
- Slide the switch to the 'Mac' position for macOS systems or 'Win' position for Windows systems.



Image: Physical switches for backlight, cable interface, and system mode (Mac/Win).

FEATURES OVERVIEW

Compact 75% / TKL 80% Layout

The keyboard features a compact 75% layout with 87 keys, offering a balance between functionality and desk space. It includes full anti-ghosting capabilities for precise input during intense gaming sessions.

TKL 80% COMPACT LAYOUT



Compact
87 Keys



Ergonomic
Design



Rainbow
Backlit



Programmable



Windows
/MacOS

Image: Overview of the compact 87-key layout.

Factory Pre-Lubed Switches

Equipped with custom pre-lubed Salt White tactile clicky switches, the keyboard provides a smooth, responsive, and consistent typing experience. Pre-lubrication enhances switch performance and durability.

Salt White Switch Specifications

Characteristic	Value
Lifespan	50 Million Times
Total Stroke	4.0 ± 0.3mm
Trigger Stroke	2.0 ± 0.6mm

Characteristic	Value
Operating Force	45 ± 10g
End Force	38 ± 2g

Note: Only 5 keys (Spacebar, Backspace, Enter, Left Shift, Right Shift) are hot-swappable, allowing for easy switch replacement on these specific keys.

CUSTOMIZED MECHANICAL KEYBOARD

- Only 5 Keys Can Be Hot-Swappable: Spacebar/Backspace/Enter/Left Shift/Right Shift
- Full Keys "Pre-Lubed Clicky Switches"

Fine-tuning the satellite switches, more stable, no shaking.

Salt White Switch

- Lifespan: 50 Million Times
- Trigger Stroke: 2.0±0.6mm
- Total Stroke: 4.0±0.3mm
- End Force: 38±2g
- Operating Force: 45±10g

Image: Detailed view of the customized mechanical switches and their specifications.

Gasket-Mount Design

The gasket-mount structure incorporates double sound-absorbing cotton layers, effectively reducing cavity sound and vibrations. This design significantly improves the typing feel by providing a softer, more cushioned keystroke.

GASKET-MOUNT DESIGN

Double sound-absorbing cotton can effectively reduce cavity sound and vibration, and enhance the sense of use

PBT Keycaps

Upper Cover

Customized Switches

PC Positioning Board

EVA Cotton

PCB Board

6mm Sound Absorbing Cotton

Bottom Cover

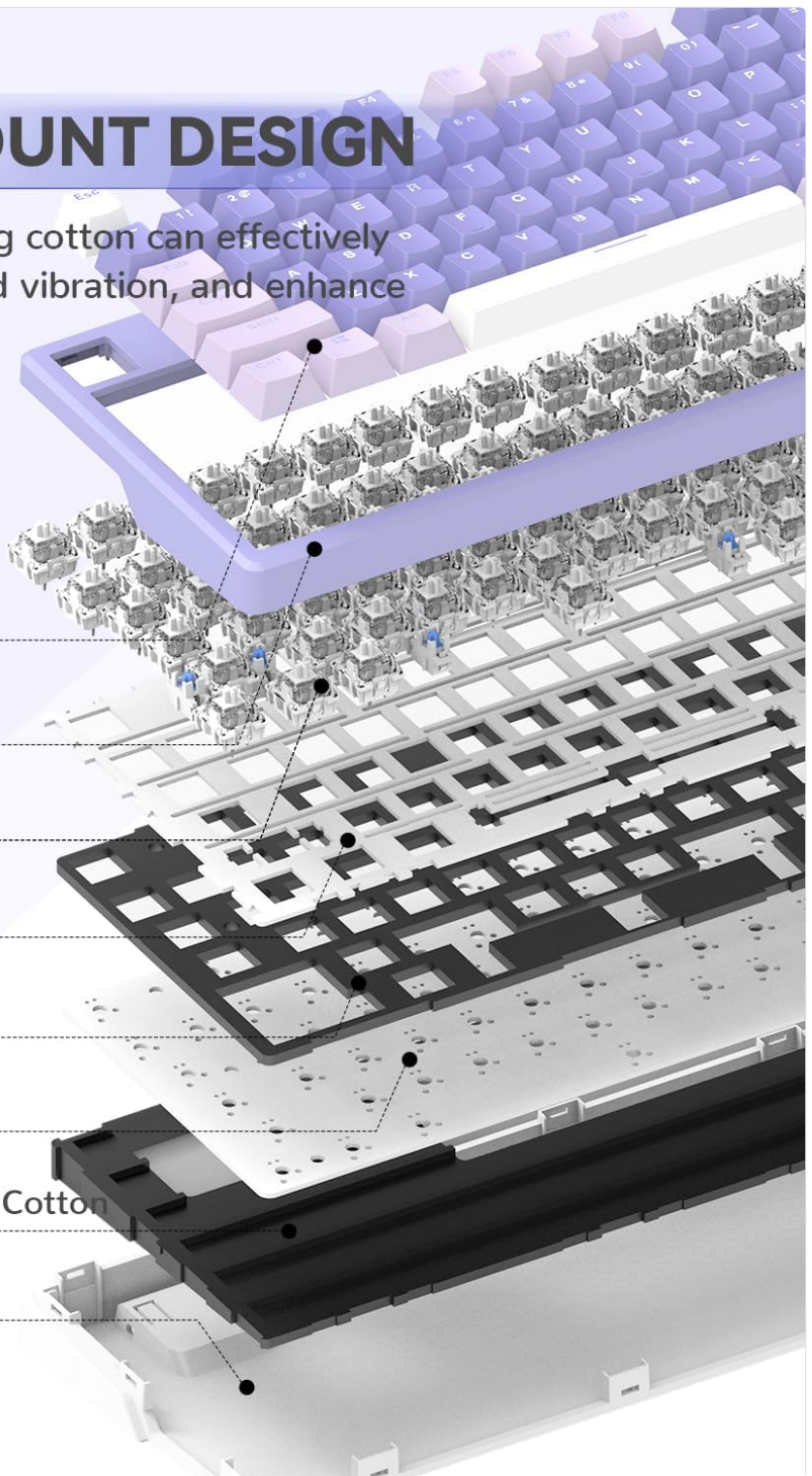


Image: Diagram illustrating the internal structure of the gasket-mount design.

Doubleshot PBT Keycaps

The keyboard is equipped with high-quality doubleshot PBT keycaps. These keycaps are highly durable, resistant to oil and wear, and maintain their texture even after prolonged use, ensuring long-lasting legends and a premium feel.

Professional Coiled USB-C Cable

The included 4.9-foot coiled USB-C cable features a durable double-sleeved TPU design and a detachable metal aviator connector. This ensures a secure and stable connection, efficient data synchronization, and adds a professional aesthetic.

COOL RAINBOW BACKLITS

27 Adjustable Backlits; 8 Gaming Backlits; 2 Custom Backlits



Image: Components of the coiled USB-C keyboard cable.

Ergonomic Design

The keyboard features an ergonomic design with two-level adjustable feet, allowing you to customize the typing angle for maximum comfort and to help alleviate wrist strain during extended use.

MAINTENANCE

Proper maintenance will extend the lifespan of your keyboard:

- **Dust Cover:** Always use the provided keyboard dust cover when the keyboard is not in use. This prevents dust, hair, and other debris from accumulating between the keycaps and switches, which can affect performance and hygiene.
- **Cleaning Keycaps:** For general cleaning, use a soft, lint-free cloth slightly dampened with water or a mild cleaning

solution. Avoid harsh chemicals.

- **Cleaning Switches:** Use the provided keycap puller to remove keycaps for deeper cleaning. A can of compressed air can be used to blow out debris from around the switches.
- **Avoid Liquids:** Keep liquids away from the keyboard to prevent damage.

TROUBLESHOOTING

If you encounter any issues with your keyboard, please refer to the following common solutions:

- **Keyboard Not Responding:**
 - Ensure the USB-C cable is securely connected to both the keyboard and your computer.
 - Try connecting the keyboard to a different USB port on your computer.
 - Restart your computer.
- **Backlight Not Working or Incorrect:**
 - Check the physical 'Backlit Switch' on the top edge of the keyboard to ensure it is in the 'ON' position.
 - Use **FN + ↑ (Up Arrow)** to increase brightness.
 - Perform a factory reset by holding **FN + Ins** for 3 seconds.
- **Keys Not Registering or Double-Typing:**
 - Ensure the keycap is properly seated on the switch.
 - Use compressed air to clear any debris around the affected switch.
 - If it's one of the 5 hot-swappable keys, try replacing the switch using the provided switch puller and a spare switch.
- **Incorrect Key Output (Mac/Windows):**
 - Verify that the 'Mac/Win' system switch on the keyboard is set to the correct operating system.

If the issue persists after trying these steps, please contact customer support.

SPECIFICATIONS

Feature	Detail
Model	AK873PRO-XINMENG X87
Brand	AJAZZ
Layout	75% / TKL 80% (87 Keys)
Connectivity	Wired USB-C
Switches	Custom Pre-Lubed Salt White Tactile Clicky Switches
Keycaps	Doubleshot PBT
Mounting Style	Gasket Mount
Backlight	Rainbow Illuminated LED (RGB)
Anti-Ghosting	Full Key Anti-Ghosting
Cable Length	Approx. 4.9 feet (Coiled USB-C with Aviator Connector)

Feature	Detail
Compatibility	Win2000/XP/Vista/7/8/10/11, Mac OS
Dimensions (Packaging)	43.4 x 16.5 x 5.7 cm
Item Weight	1.36 Kilograms
Color	Purple & Color-White Switch

WARRANTY AND SUPPORT

AJAZZ products are manufactured to high quality standards. For warranty information or technical support, please refer to the retailer's policy where the product was purchased or contact AJAZZ customer service directly through their official website. Please retain your proof of purchase for any warranty claims.