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MIKIBY AK980

MIKIBY AK980 Wireless Mechanical Keyboard User Manual

Model: AK980

PRODUCT OVERVIEW

The MIKIBY AK980 is a versatile 98% layout mechanical keyboard designed for enhanced productivity and gaming. It features tri-mode connectivity (Bluetooth, 2.4G wireless, and USB-C wired), a smart TFT display, a multi-function knob, hot-swappable switches, and vibrant RGB backlighting. Its gasket-mounted design ensures a comfortable and quiet typing experience.



Image: The MIKIBY AK980 keyboard, showcasing its 98% layout, smart display, and knob. The keyboard features a grey and yellow keycap color scheme with RGB backlighting.

WHAT'S IN THE BOX

- AK980 keyboard
- Keycap Puller
- USB Cable
- User Manual

Connectivity Modes

The AK980 keyboard supports three connection modes: Bluetooth (BT5.0), 2.4G wireless, and USB-C wired. A switch on the back of the keyboard allows you to select between MAC and WIN layouts, and between 2.4G, USB, and BT connection modes.



Image: The MIKIBY AK980 keyboard demonstrating its tri-mode connectivity options: Bluetooth, 2.4GHz Wireless, and Type-C wired. The image shows the keyboard connected to a desktop computer, a tablet, and a smartphone, highlighting its multi-device compatibility.

2.4G Wireless Connection

1. Locate the 2.4G USB dongle, typically stored in a slot on the keyboard.
2. Plug the 2.4G USB dongle into an available USB port on your computer.
3. Switch the keyboard's mode selector to "2.4G". The keyboard will automatically connect.



Image: Close-up view of the MIKIBY AK980's metal knob and smart display. The image illustrates how to adjust volume (default), press down to enter the menu, rotate to select sections, and press to confirm selections.

Bluetooth Connection

1. Switch the keyboard's mode selector to "BT".
2. On your device (computer, tablet, smartphone), enable Bluetooth and search for new devices.
3. Select "AK980" from the list of available devices to pair.
4. The smart display will indicate successful pairing.

Your browser does not support the video tag.

Video: This video demonstrates the Bluetooth connection process for the MIKIBY AK980 wireless keyboard. It shows how to switch the keyboard to Bluetooth mode and pair it with a device, with the smart display confirming the successful connection.

USB-C Wired Connection

1. Connect the provided USB-C cable to the keyboard's USB-C port.
2. Connect the other end of the USB-C cable to an available USB port on your computer.
3. Switch the keyboard's mode selector to "USB". The keyboard will be recognized automatically.

OPERATING INSTRUCTIONS

TFT Smart Display & Knob Functions

The 1.49-inch TFT smart display provides real-time information such as date, time, battery level, and connection mode. The multi-function knob allows for quick adjustments.

Metal Knob Control Button

Backlight & volume adjustable



Volume +



Volume -

Adjust Volume (Default)



Press down to
enter the menu



Enter Menu
(Press down)



Rotate to select
the section



Press to confirm



Image: A close-up of the MIBY AK980's metal knob and smart display. The image illustrates how to adjust volume (default), press down to enter the menu, rotate to select sections, and press to confirm selections.

- **Adjust Volume (Default):** Rotate the knob to increase or decrease the system volume.
- **Enter Menu:** Press down on the knob to enter the smart display's menu.
- **Navigate Menu:** Rotate the knob to scroll through menu options (Home, RGB Modes, RGB Colors, RGB Speed, Language Settings, GIF Image display).
- **Select Option:** Press down on the knob to select a highlighted menu option.

TFT Smart Display

Home



RGB Modes



RGB Colors



RGB Speed



Language Settings



GIF Image display



Image: Screenshots of the MUKIBY AK980's TFT Smart Display showing various menu options: Home screen with date/time/battery, RGB Modes, RGB Colors, RGB Speed, Language Settings, and GIF Image display.

RGB Backlighting

The keyboard features 20 pre-programmed RGB lighting effects. You can also customize effects via the web driver.

- **Change Light Effect:** Press **FN + ** (backslash)
- **Adjust Brightness:** Press **FN + +** (increase) or **FN + -** (decrease)
- **Change Direction Light:** Press **FN + ←** (left arrow) or **FN + →** (right arrow)
- **Adjust Lighting Color:** Press **FN + ↑** (up arrow) or **FN + ↓** (down arrow)
- **Adjust Keyboard Light Speed:** Press **FN + [** (increase) or **FN +]** (decrease)
- **Turn Backlight On/Off:** Press **FN + X**

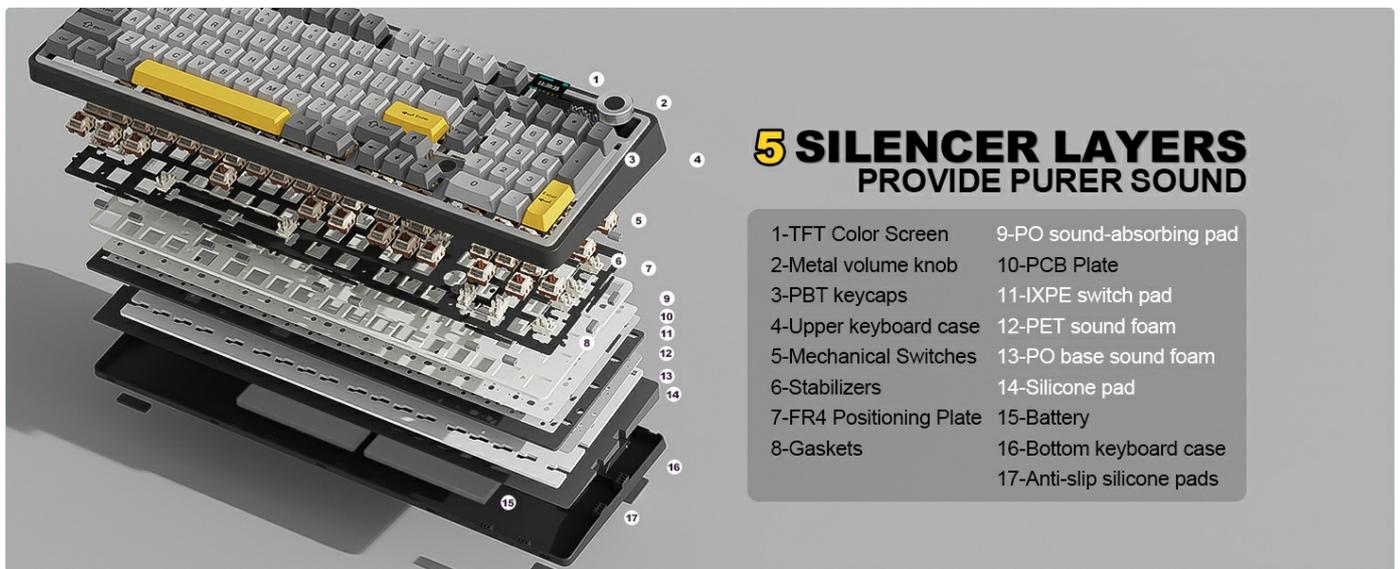


Image: The MIKIBY AK980 keyboard displaying various RGB lighting effects. The image also provides a guide to function key combinations for adjusting light effects, brightness, direction, color, and speed, as well as turning the backlight on/off.

Hot-Swappable Switches

The AK980 supports 3/5-pin hot-swappable mechanical switches, allowing for easy customization without soldering. Use the included keycap puller and switch puller to replace switches.

Hot Swappable Keyboard

Support 3PIN/5PIN mechanical switches



Image: A demonstration of the MIKIBY AK980's hot-swappable feature, showing a switch being removed with a switch puller. Insets highlight PBT keycaps, Murad switches, mounted stabilizers, and south-facing LEDs.

Battery Life and Charging

The keyboard is equipped with an 8000mAh battery. It offers up to 28 hours of use with RGB lighting on and up to 110 hours in sleeping mode (backlight off). Use the provided USB-C cable for charging.

8000mAh Battery Endurance Unstoppable Play



28
Hour

RGB on

110
Hour

Sleeping Mode

Image: The MIBY AK980 keyboard highlighting its 8000mAh battery capacity. The image indicates 28 hours of endurance with RGB on and 110 hours in sleeping mode.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe the keyboard surface. For deeper cleaning, remove keycaps using the keycap puller and use compressed air to clear debris.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the keyboard regularly.
- **Storage:** Store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Keyboard not responding	Low battery; Incorrect connection mode; Loose cable/dongle; Driver issue.	Charge the keyboard; Ensure correct mode (BT/2.4G/USB) is selected; Reconnect cable/dongle; Reinstall keyboard drivers on your computer.
Bluetooth connection unstable	Interference; Distance from device; Low keyboard battery.	Move closer to the device; Ensure no strong interference sources nearby; Charge the keyboard; Re-pair the Bluetooth connection.
RGB lights not working/customizing	Backlight turned off; Incorrect settings; Software issue.	Press FN + X to toggle backlight; Use the knob menu or web driver to adjust settings; Ensure web driver is installed and updated.
Smart display not showing correct time/date	Time/date not synchronized.	Connect to the web driver software to calibrate date and time.

SPECIFICATIONS

Feature	Detail
Brand	MIKIBY
Model	AK980
Connectivity Technology	Bluetooth (BT5.0), 2.4G Wireless, USB-C Wired
Keyboard Description	Mechanical
Number of Keys	97 (98% Layout)
Keycaps	PBT Keycaps
Switches	Hot-Swappable (3/5-pin support), Murad Switch (default)
Mounting Style	Gasket Mounted
Backlighting	RGB (20 pre-programmed effects, web driver customization)
Special Features	TFT Smart Display, Multi-function Knob, Ergonomic Design, 2-Level Feet
Battery Capacity	8000mAh
Battery Life	Up to 28 hours (RGB on), Up to 110 hours (backlight off)
Item Weight	3.19 pounds
Package Dimensions	17.99 x 7.76 x 2.32 inches
Compatible Devices	Gaming Console, Laptop, PC, Smartphone, Tablet



Image: An exploded view of the MIKIBY AK980 keyboard, illustrating its 5 silencer layers and internal components for sound dampening and improved typing feel. Components include TFT Color Screen, Metal volume knob, PBT keycaps, Upper keyboard case, Mechanical Switches, Stabilizers, FR4 Positioning Plate, Gaskets, PO sound-absorbing pad, PCB Plate, IXPE switch pad, PET sound foam, PO base sound foam, Silicone pad, Battery, Bottom keyboard case, and Anti-slip silicone pads.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official MIKIBY website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Official MIKIBY Store: [MIKIBY Amazon Store](#)