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› Womier L98 Frog Wireless Mechanical Keyboard User Manual

Womier L98

Womier L98 Frog Wireless Mechanical Keyboard User Manual

Model: L98

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Womier L98 Frog Wireless Mechanical Keyboard. Please read this manual thoroughly before using the product to ensure proper function and longevity.



Image: The Womier L98 Frog Wireless Mechanical Keyboard, showcasing its layout and design.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Womier L98 Frog Wireless Mechanical Keyboard
- USB Cable (Type-C)

- Keycap Puller
- User Manual (this document)

SETUP

1. Charging the Keyboard

The Womier L98 keyboard features a built-in 8000mAh high-capacity battery. Before initial use, or when the battery is low, connect the keyboard to a power source using the provided USB-C cable. The TFT screen will indicate charging status.



Image: The keyboard highlighting its 8000mAh battery capacity, suitable for extended use.

2. Connecting the Keyboard (Tri-mode Connection)

The keyboard supports three connection modes: Bluetooth (BT5.0), 2.4GHz Wireless, and USB-C Wired. It can save up to five devices.



Image: Visual representation of the keyboard's tri-mode connectivity: Bluetooth, 2.4GHz wireless, and USB-C wired.

- **Bluetooth Mode:**
Press **FN + Q/W/E/R/T** to switch between up to five Bluetooth devices. The keyboard will enter pairing mode, indicated on the TFT screen. Search for "Womier L98" on your device and connect.
- **2.4GHz Wireless Mode:**
Plug the 2.4GHz USB receiver into your computer. Press **FN + G** to activate 2.4GHz wireless mode. The

keyboard should connect automatically.

- **USB-C Wired Mode:**

Connect the keyboard to your computer using the provided USB-C cable. Press **FN + P** to activate wired mode. The keyboard will function as a standard wired device.

The keyboard is compatible with Windows, Mac, iOS, and Android operating systems. For optimal performance, ensure your device's Bluetooth is enabled or the 2.4GHz receiver is properly inserted.

OPERATING INSTRUCTIONS

1. TFT Multimedia Screen and Knob Functions

The integrated TFT multimedia screen and multi-functional knob provide quick access to various settings and information.



Image: Close-up of the keyboard's TFT screen and multi-functional knob, showing their location and basic operation.

- **Knob Rotation:** By default, rotating the knob adjusts the system volume.
- **Knob Press:** Pressing the knob enters the screen's menu. Once in the menu, rotate the knob to navigate through sections and press to confirm your selection.

The screen can display custom GIF images, Caps Lock status, connection mode (BT/2.4G/Wired), WIN/MAC mode, system information, backlight brightness/speed, RGB mode/color, volume, and language settings.



Image: The TFT screen displaying various customization options for effects, colors, volume, language, brightness, speed, connection, and system settings.

Note: To set custom GIF images or other advanced screen customizations, you must download the dedicated software and connect the keyboard in wired mode under a Windows operating system. The screen has a transparent protective film that can be removed for clearer viewing.

2. RGB Backlighting Control

The keyboard features 19 lighting effects and 9 lighting colors. Brightness and flow rate are adjustable.



Image: The Womier L98 keyboard illuminated with vibrant RGB backlighting, showcasing various color patterns. Use the following FN key combinations to control the backlighting:

- **FN + ↑ / ↓**: Adjust backlight brightness.
- **FN + ← / →**: Adjust backlight speed.
- **FN + 8 / 9**: Switch between different lighting modes.
- **FN + Caps Lock**: Toggle white light ON/OFF.
- **FN + Backspace**: Toggle backlight ON/OFF.
- **FN + . (period)**: Change lighting color.

3. Software Customization

For advanced customization of RGB backlight modes, macros, and GIF image display settings, download the

dedicated keyboard driver software. This software is compatible only with Windows operating systems.



Image: Screenshot of the Womier L98 keyboard's customization software, showing options for lighting, macros, and TFT screen settings.

MAINTENANCE

1. Hot-Swappable Switches

The Womier L98 features a hot-swappable PCB, allowing you to replace 3-pin or 5-pin mechanical switches without soldering. This enables customization of typing feel and sound.



Image: A view of the keyboard with several keycaps and switches removed, demonstrating the hot-swappable feature.

To replace switches:

1. Carefully remove the keycap using the provided keycap puller.
2. Use a switch puller (not included, but often comes with replacement switches) to gently extract the switch from the PCB.
3. Align the pins of the new switch with the holes on the PCB and press firmly until it clicks into place. Ensure pins are not bent.
4. Reattach the keycap.

2. Cleaning

Regular cleaning helps maintain the keyboard's appearance and functionality.

- **Keycaps:** Remove keycaps using the keycap puller and clean them with a mild soap solution and a soft cloth. Ensure they are completely dry before reattaching.
- **Keyboard Body:** Use a soft, dry cloth to wipe down the keyboard body. For stubborn dirt, a slightly damp cloth can be used, but avoid excessive moisture.
- **Between Keys:** Use compressed air to remove dust and debris from between the keys.

TROUBLESHOOTING

- **Keyboard Not Connecting:**

Ensure the keyboard is charged. Verify the correct connection mode (Bluetooth, 2.4GHz, or wired) is selected using FN key combinations. For Bluetooth, ensure your device's Bluetooth is on and the keyboard is in pairing mode. For 2.4GHz, ensure the USB receiver is securely plugged in. Try restarting your computer or the keyboard.
- **FN Key or Multimedia Keys Not Working (Mac/PC):**

Some operating systems, particularly macOS, may require specific driver installations or system settings adjustments for full functionality of certain keys. Ensure you have downloaded and installed the latest software/drivers from the Womier website if available. In Linux systems, incompatible driver versions may cause abnormal F-zone functionality; this is a known behavior.
- **TFT Screen Not Displaying Correctly:**

Check if the transparent protective film has been removed from the screen. If customizing GIFs or advanced settings, ensure the keyboard is in wired mode and connected to a Windows PC with the official software installed.
- **RGB Backlighting Issues:**

If lighting is not working or not adjusting, ensure the backlight is turned on (FN + Backspace). Try cycling through lighting modes (FN + 8/9) and adjusting brightness (FN + ↑ / ↓). If issues persist, a factory reset (if available via software) might resolve it.
- **Keys Not Responding:**

If individual keys are not responding, check if the switch is properly seated. If it's a hot-swappable switch, try removing and reinserting it, or replacing it with a known working switch.

SPECIFICATIONS

Feature	Detail
Brand	Womier
Model Number	L98
Connectivity Technology	Bluetooth (BT5.0), 2.4GHz Wireless, USB-C Wired
Compatible Devices	Gaming Console, Laptop, PC, Smartphone, Tablet
Keyboard Layout	QWERTY
Button Quantity	98
Switch Type	POM Creamy Sounding Linear Switches
Keyboard Backlighting	RGB (19 effects, 9 colors)
Special Features	TFT Multimedia Screen, Multi-functional Knob, Hot-Swappable, 8000mAh Battery

Power Source	Battery Powered
Material	Plastic
Language	English

WARRANTY

The Womier L98 Frog Wireless Mechanical Keyboard comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

SUPPORT

For further assistance, technical support, or to inquire about warranty services, please refer to the official Womier website or contact their customer service department. The package includes a USB cable and a keycap puller for your convenience.