

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

- › [HUO JI](#) /
- › [HUO JI Z-11 Wireless Mechanical Gaming Keyboard User Manual](#)

HUO JI Z-11

HUO JI Z-11 Wireless Mechanical Gaming Keyboard User Manual

Model: Z-11

1. INTRODUCTION

Thank you for choosing the HUO JI Z-11 Wireless Mechanical Gaming Keyboard. This keyboard offers versatile connectivity options, customizable features, and a durable design for an enhanced typing and gaming experience. Please read this manual carefully to ensure proper setup and operation.

Z-11 Tri-Mode Mechanical Keyboard

-  BT 5.0/ 2.4G/Wired
-  LED Backlit
-  4000mAh Battery
-  Side-engraved Keycaps
-  Knob Design
-  98% Layout with Numpad
-  Hot Swappable
-  Red Switch



Image 1: HUO JI Z-11 Wireless Mechanical Gaming Keyboard overview.

Product Overview Video

Your browser does not support the video tag.

Video 1: This video provides a visual overview of the HUO JI Z-11 Wireless Mechanical Keyboard, demonstrating its design, keycaps, and the functionality of the control knob.

2. SETUP

2.1 Included Components

- HUO JI Z-11 Wireless Mechanical Gaming Keyboard
- USB Type-C Cable
- 2.4GHz USB Receiver
- Two-in-one Key Puller / Switch Puller
- 2x Replacement Red Switches



Image 2: The Z-11 keyboard and its included accessories, such as the USB-C cable, 2.4GHz receiver, key puller, and spare switches.

2.2 Connection Modes

The Z-11 keyboard supports three connection methods: Bluetooth 5.0, 2.4GHz wireless, and USB-C wired. You can connect to up to five devices simultaneously and switch between them using FN+ combination keys.

Auto Power Saving

After 1 min of no use in wireless mode, the backlight will turn off, Press any button to wake up the keyboard.



Image 3: Visual representation of the keyboard's tri-mode connection capabilities.

2.2.1 2.4GHz Wireless Mode

1. Locate the 2.4GHz USB receiver stored in the compartment on the back of the keyboard.
2. Slide the power switch on the keyboard to the 'ON' position.
3. Plug the 2.4GHz USB receiver into an available USB port on your computer.
4. Press **FN + R** on the keyboard to switch to 2.4GHz wireless mode. The indicator light will confirm the connection.

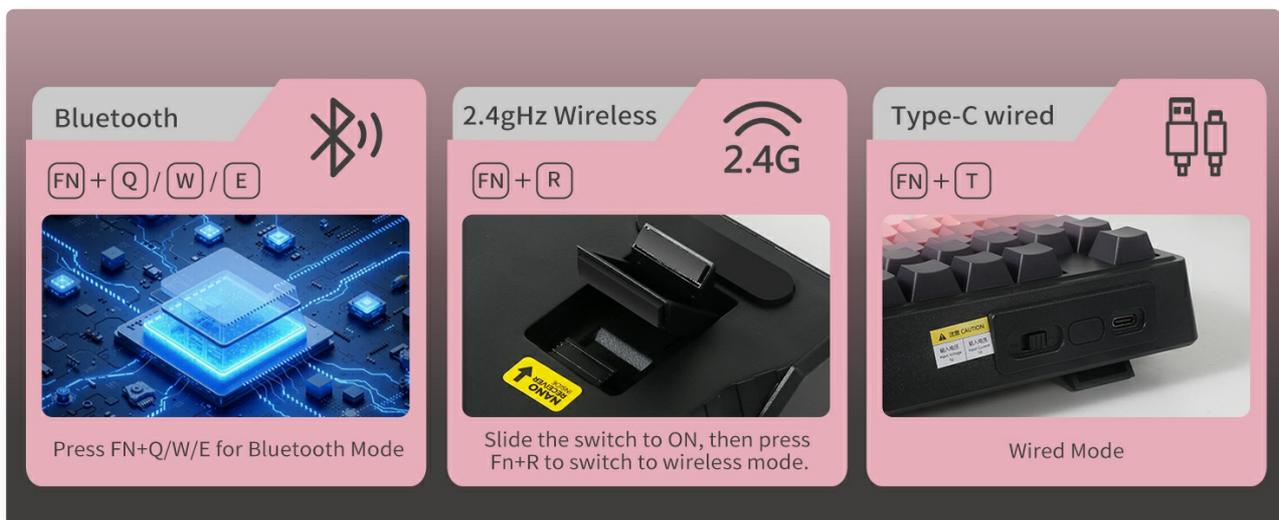


Image 4: The keyboard's adjustable feet and the convenient storage for the 2.4GHz USB receiver.

2.2.2 Bluetooth Mode

1. Slide the power switch on the keyboard to the 'ON' position.
2. Press **FN + Q**, **FN + W**, or **FN + E** to select one of the three Bluetooth channels. The corresponding key will flash, indicating pairing mode.
3. On your device (computer, tablet, smartphone), enable Bluetooth and search for new devices.
4. Select "HUO JI Z-11" from the list of available devices to pair. The flashing light will become solid once connected.
5. To switch between paired Bluetooth devices, press **FN + Q/W/E**.

2.2.3 USB-C Wired Mode

1. Connect the provided USB Type-C cable to the keyboard's USB-C port.
2. Connect the other end of the USB cable to an available USB port on your computer.

3. Press **FN + T** to switch to USB-C wired mode. The keyboard will be ready for use.

3. OPERATING INSTRUCTIONS

3.1 Basic Functions

The Z-11 keyboard features a 96% layout with 98 keys, including a dedicated number pad and arrow keys. All keys support anti-ghosting for simultaneous input without conflicts.

3.2 Multimedia and Shortcut Keys

The keyboard includes 12 multimedia key shortcuts accessible via the **FN** key:

Function Key	Windows (FN+A)	Mac OS (FN+S)
FN+F1	My Computer	Brightness Down
FN+F2	Browser	Brightness Up
FN+F3	Email	Email
FN+F4	Calculator	Calculator
FN+F5	Media Player	Media Player
FN+F6	Stop	Stop
FN+F7	Previous Track	Previous Track
FN+F8	Play/Pause	Play/Pause
FN+F9	Next Track	Next Track
FN+F10	Mute	Mute
FN+F11	Volume Down	Volume Down
FN+F12	Volume Up	Volume Up

Ergonomic Design

This keyboard incorporates ergonomic principles throughout its design, with keycaps and adjustable feet meeting ergonomic standards. This reduces fatigue during extended use, making it ideal for long gaming sessions and typing tasks.



Image 5: Detailed guide for FN key functions on both Windows and Mac OS.

3.3 Backlight Control

The keyboard features multiple rainbow backlight and sidelit lighting effects. Use the following combinations to control the lighting:

- **FN + \|**: Switch between different lighting modes.
- **FN + ↑ / ↓**: Adjust backlight brightness.
- **FN + ← / →**: Adjust lighting effect speed.
- **FN + Space**: Turn backlight on/off.
- **FN + R + Ctrl**: Switch sidelit lighting on/off.



Image 6: The keyboard showcasing its multiple LED backlighting options and control functions.

3.4 Control Knob Functionality

The multi-function knob on the keyboard allows for quick control of multimedia and lighting settings.

- **Press and hold the knob for 3 seconds** to switch between Multimedia Mode and Lighting Control Mode.
- **In Multimedia Mode:**

- Click the knob to mute/unmute audio.
- Rotate the knob to adjust volume (Volume+ / Volume-).

- **In Lighting Control Mode:**

- Click the knob to switch between lighting effects.
- Rotate the knob to adjust backlight brightness (Brightness+ / Brightness-).

Multimedia and Backlight Control Knob

Press and hold the knob for 3 seconds to switch modes



Image 7: The control knob and its dual functionality for managing audio and lighting settings.

4. CUSTOMIZATION

4.1 Hot-Swappable Switches

The Z-11 keyboard features a hot-swappable PCB, allowing you to easily replace 3-pin mechanical switches without soldering. This enables customization of your typing feel.

1. Use the included switch puller to carefully remove the keycap.

2. Insert the switch puller's prongs into the two clips on the top and bottom of the switch.
3. Gently squeeze the clips and pull the switch upwards to remove it.
4. Align the pins of the new 3-pin switch with the holes on the PCB.
5. Press the new switch firmly until it clicks into place. Ensure it is seated correctly to avoid bent pins.
6. Replace the keycap.

Responsive Red Switch

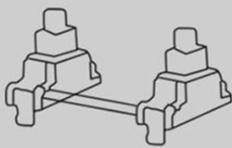
Linear feedback, response faster, ideal for typing and gaming
Hot Swappable for 3-pin Switch



Hot-Swappable Socket



Pre-lubed
linear Switch



Pre-lubed Plate
Mounted Stabilizer



Image 8: Illustration of the hot-swappable red switches and the process of replacement.

4.2 Keycaps

The keyboard features double-shot injection PBT keycaps with gradient colors and side-engraved legends. These keycaps are designed for durability, resistance to fading, and a soft touch.

5. MAINTENANCE

5.1 Battery Charging

The keyboard has a built-in 4000mAh rechargeable battery. Connect the USB Type-C cable to the keyboard and a power source (e.g., computer USB port, USB wall adapter) to charge. A full charge provides approximately 30 hours of use with backlighting ON or 200 hours with backlighting OFF.

Long Battery Life

Rechargeable
4000mAh

About 30 hours
(Backlit ON)

About 200 hours
(Backlit OFF)

When the battery runs out, it can be quickly charged

Image 9: Battery life estimates for the 4000mAh rechargeable battery.

5.2 Auto Power Saving

To conserve battery life, the keyboard will automatically turn off its backlight after 1 minute of inactivity in wireless mode. Press any key to wake up the keyboard.

Full Key Rollover Design

Press multiple keys simultaneously for synchronized response, eliminating key conflicts and ensuring precise triggering.



Image 10: The auto power saving function helps extend battery life.

5.3 Cleaning

To clean your keyboard, gently wipe the keycaps and chassis with a soft, damp cloth. For deeper cleaning, remove keycaps using the provided key puller and clean underneath. Avoid using harsh chemicals or abrasive materials.

6. TROUBLESHOOTING

• Keyboard not responding:

- Ensure the keyboard is powered on.
- Check the connection mode (Bluetooth, 2.4GHz, or wired) and ensure it matches your device's connection.
- For wireless modes, ensure the battery is charged.
- Try reconnecting the USB receiver or re-pairing the Bluetooth connection.
- Test in wired mode to rule out wireless interference.

• Keys not registering or double-typing:

- Ensure switches are properly seated. If a switch feels loose, remove the keycap and gently press the switch down until it clicks.
- Consider replacing the affected switch with one of the spare switches provided.

• Backlight not working or inconsistent:

- Check backlight settings using **FN + ↑ / ↓** for brightness and **FN + \|** for modes.
- Ensure the backlight is not turned off (**FN + Space**).

• Bluetooth connection issues:

- Ensure the keyboard is in Bluetooth pairing mode (**FN + Q/W/E**).
- Forget the device on your computer/device and re-pair.
- Ensure your device's Bluetooth is enabled and discoverable.

• 2.4GHz connection issues:

- Ensure the USB receiver is securely plugged in.
- Try a different USB port.
- Ensure the keyboard is in 2.4GHz mode (**FN + R**).

7. SPECIFICATIONS

Feature	Detail
Model	Z-11
Connectivity Technology	Bluetooth 5.0, 2.4GHz Wireless, USB-C Wired
Layout	96% (98 keys)
Switches	Hot-swappable 3-pin Red Switches (pre-lubed)
Keycaps	Double-shot injection PBT, gradient color, side-engraved
Backlight	Multiple Rainbow LED Backlight and Sidelit effects
Battery Capacity	4000mAh
Battery Life (approx.)	30 hours (backlight ON), 200 hours (backlight OFF)
Anti-Ghosting	Full N-Key Rollover
Compatible Devices	PC, Laptop, Mac, Gaming Console, Smartphone
Product Dimensions	15.2 x 5.3 x 1.6 inches (38.6 x 13.5 x 4.1 cm)
Item Weight	2.75 pounds (1.25 kg)
Material	Metal, Plastic
Included Components	USB Cable, 2.4GHz Receiver, Key Puller, 2x Red Switches

8. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For specific warranty details, please refer to the documentation included with your purchase or contact the retailer. For technical support, product inquiries, or warranty claims, please contact HUO JI customer service through the official website or your purchase platform. We recommend registering your product to receive updates and support.

