

Retro-Bit rb-uni-82

Retro-Bit Origin 8 Wireless Controller Instruction Manual

Model: rb-uni-82

1. PRODUCT OVERVIEW

The Retro-Bit Origin 8 is a 2.4 GHz wireless controller designed to provide a classic gaming experience with modern enhancements. It offers multi-compatibility across various platforms, including original NES consoles, PC/Windows, MacOS, other USB-enabled devices, and Nintendo Switch Online.



Front view of the Retro-Bit Origin 8 Wireless Controller, showcasing the D-pad, A and B buttons, and Select/Start buttons.

Key features include additional ZL and ZR shoulder buttons, Home and Screenshot buttons for enhanced functionality, and built-in Turbo switches for rapid-fire inputs on both A and B buttons. The controller is powered by a built-in 500 mAh rechargeable battery and utilizes a USB-C fast charging port.



Side view of the Retro-Bit Origin 8 Wireless Controller, highlighting the ZL, ZR shoulder buttons, and the USB-C charging port.

2. SETUP AND CONNECTION

2.1 Charging the Controller

Before initial use, fully charge the controller using the included 3ft/1m USB-C to USB charge cable. Connect the USB-C end to the controller and the USB-A end to a compatible power source (e.g., computer USB port, USB wall adapter).

2.2 Connecting to Original NES Console

1. Insert the NES wireless receiver into an available controller port on your original NES console. Ensure it is firmly seated.



The NES wireless receiver, designed to plug into the original NES console controller port.

2. Power on your NES console.
3. Turn on the Retro-Bit Origin 8 controller. The controller should automatically pair with the receiver. The LED indicator on the receiver will show a stable light once connected.

2.3 Connecting to PC/MacOS/USB Devices

1. Insert the USB wireless receiver into an available USB port on your PC, MacOS device, or other compatible USB device.



The USB wireless receiver, compatible with PC, MacOS, and other USB-enabled devices.

2. Turn on the Retro-Bit Origin 8 controller. The controller should automatically pair with the receiver. The LED indicator on the receiver will show a stable light once connected.
3. For PC gaming, the controller may need to be switched to X-input mode for optimal compatibility with certain games or emulators. To activate X-input mode, press and hold the **Start + B** buttons simultaneously for approximately 5 seconds.

2.4 Connecting to Nintendo Switch Online

1. Ensure your Nintendo Switch console is powered on and updated to the latest firmware.
2. Navigate to the 'Controllers' menu on your Switch and select 'Change Grip/Order'.
3. Turn on the Retro-Bit Origin 8 controller. The controller should appear as an available device. Follow the on-screen prompts to complete the pairing process.
4. For optimal play with NES games on Switch Online, you may need to remap the A and B buttons within the game's settings to match the classic NES layout (e.g., A for Jump, B for Run/Shoot).

3. OPERATING INSTRUCTIONS

3.1 Basic Controls

- **D-Pad:** Directional input for movement and menu navigation.
- **A Button:** Primary action button (e.g., jump, confirm).
- **B Button:** Secondary action button (e.g., attack, cancel).
- **Select Button:** Used for various in-game functions, often pausing or selecting options.
- **Start Button:** Used for pausing games or initiating gameplay.

3.2 Advanced Features

- **ZL & ZR Shoulder Buttons:** Additional buttons for modern game compatibility and enhanced control.
- **Home Button:** Returns to the system's home menu (primarily for Nintendo Switch).
- **Screenshot Button:** Captures screenshots (primarily for Nintendo Switch).
- **Turbo Switches (A & B):** Activate rapid-fire functionality for the A and B buttons. Press the respective Turbo switch once to enable, and again to disable. This feature is available when using either the NES or USB receiver.

3.3 Power Management

- The controller features an auto-shutoff function after a few minutes of inactivity to conserve battery life.
- To manually power off the controller or shut it down sooner, disconnect the USB or NES dongle from the console/device.

4. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the controller's surface. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the controller in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery longevity, avoid fully discharging the battery frequently. Recharge the controller when the battery indicator is low.

5. TROUBLESHOOTING

- **Controller Not Connecting:**
 - Ensure the correct receiver (NES or USB) is properly inserted into the console/device. For NES, ensure a snug fit.
 - Verify the controller is charged.
 - Confirm the controller is powered on.
 - Try re-pairing the controller by turning it off and on, and re-inserting the receiver.
- **Incorrect Button Response on PC:**
 - Switch the controller to X-input mode by holding **Start + B** for 5 seconds.
- **Button Mapping Issues on Nintendo Switch:**
 - Access the in-game controller settings and remap the A and B buttons to your preferred classic layout.
 - Note that the controller lacks X and Y buttons, which may limit functionality in some modern Switch games or menu navigation (e.g., closing applications).
- **NES Receiver Loose Fit:**

- Some users have reported a loose fit with the NES dongle. Ensure it is pushed in firmly and carefully to establish a stable connection.

- **Android TV Compatibility:**

- The controller was not originally designed for Android TV, and compatibility may be limited. Refer to the Retro-Bit support website for any potential firmware updates or workarounds.

6. SPECIFICATIONS

Feature	Detail
Brand Name	Retro-Bit
Model Name	rb-uni-82
Connectivity Technology	Wireless Controller (2.4 GHz)
Compatible Devices	Original NES, PC/Windows, MacOS, USB Devices, Nintendo Switch
Controller Type	Nintendo Switch Wireless Controller
Button Quantity	12
Power Source	Battery Powered (Built-In 500 mAh)
Charging Port	USB-C
Item Weight	0.15 Kilograms
Item Dimensions	1.34 x 4.09 x 5.63 inches
UPC	849172014985

7. WARRANTY AND SUPPORT

For detailed warranty information, technical support, and the latest firmware updates, please visit the official Retro-Bit website. Product support and warranty terms are subject to the manufacturer's policies.