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› Dinosoo RGB Wireless Controller Instruction Manual for Nintendo Switch, PC, iOS, and Android

Dinosoo RGB Wireless Controller

Dinosoo RGB Wireless Controller Instruction Manual

Model: RGB Wireless Controller

1. PRODUCT OVERVIEW

This manual provides detailed instructions for the Dinosoo RGB Wireless Controller, compatible with Nintendo Switch (including Switch 1, Switch 2, Lite, and OLED models), PC, iOS, and Android devices. It features Hall Effect joysticks and triggers, customizable back buttons, turbo functionality, adjustable vibration, and dynamic RGB lighting.



Image 1.1: Two Dinosoo RGB Wireless Controllers. These controllers feature a black finish with illuminated joysticks and a central home button area, along with programmable back buttons (M1, M2) visible on the underside.

2. SETUP AND CONNECTION

The Dinosoo RGB Wireless Controller offers multiple connection methods for various platforms.



Image 2.1: Diagram illustrating the versatile connection methods (Wired, Bluetooth, 2.4G) and compatible platforms (PC, Switch 2/1, TV/Android) for the Dinosoo controller.

2.1 Charging the Controller

- Connect the provided USB-C cable to the charging port on the controller and to a power source (e.g., USB wall adapter, computer USB port).
- The LED indicators on the controller will show charging status. A full charge typically takes approximately 2-3 hours.
- A fully charged controller provides up to 20 hours of gameplay.

2.2 Connecting to Nintendo Switch (1/2/Lite/OLED)

1. On your Nintendo Switch, navigate to **Controllers** > **Change Grip/Order**.
2. Press and hold the **Home button** + **Y button** simultaneously on the Dinosoo controller for 3 seconds until the LED indicators begin to flash rapidly.
3. Once connected, the corresponding player LED on the controller will light up solid.
4. **Note:** The controller supports wake-up from Switch 1, but Switch 2 does not support wake-up functionality from the controller.

2.3 Connecting to PC (Bluetooth)

1. Ensure your PC has Bluetooth enabled.
2. On the Dinosoo controller, press and hold the **Home button** + **X button** simultaneously for 3 seconds until the LED indicators flash rapidly.
3. On your PC, go to **Bluetooth & other devices** settings and select **Add Bluetooth or other device**.
4. Select **Bluetooth** and choose the Dinosoo controller from the list of available devices.
5. Once paired, the LED indicators will become solid.

2.4 Connecting to PC (Wired)

- Connect the Dinosoo controller to your PC using the provided USB-C cable.
- The controller will be automatically recognized as a wired gamepad.

2.5 Connecting to iOS/Android Devices

1. Enable Bluetooth on your iOS or Android device.
2. On the Dinosoo controller, press and hold the **Home button** + **A button** simultaneously for 3 seconds until the LED indicators flash rapidly.
3. On your device, search for Bluetooth devices and select the Dinosoo controller to pair.
4. Once paired, the LED indicators will become solid.

3. OPERATING INSTRUCTIONS

3.1 Hall Effect Joysticks and Triggers

The controller is equipped with Hall Effect joysticks and linear triggers, designed for enhanced precision and durability.

HALL EFFECT STICKS

0 Dead Zone, no Drift, Designed
for FPS Players



Up To 5
MILLION Cycles



Anti-Drift

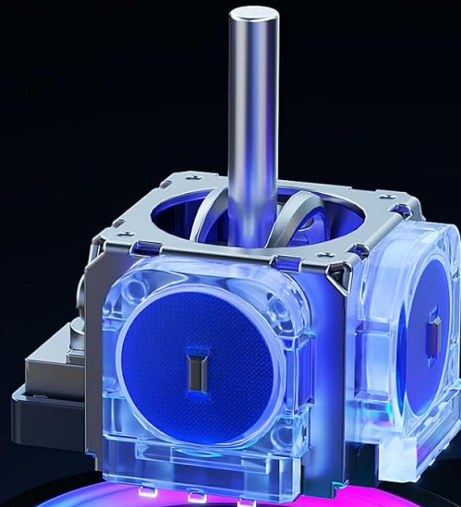


Image 3.1: Diagram illustrating the internal mechanism of Hall Effect joysticks, highlighting their anti-drift and 0 dead zone properties, with a lifespan of up to 5 million cycles.

- **Hall Effect Joysticks:** Provide 0 dead zone and prevent stick drift, ensuring accurate input for precise movements.
- **Hall Effect Linear Triggers:** Offer smooth, precise control with an accuracy of up to 0.1mm, providing responsive feedback for in-game actions.

Hall Effect Linear Triggers Precise Control and Smooth Feeling

One Controller With 2 Kinds Triggers



Image 3.2: Diagram showing the Hall Effect linear triggers, emphasizing precise control and smooth feeling with 0.1mm accuracy.

3.2 Adjustable Vibration (Rumble)

The controller features four levels of adjustable vibration feedback.

4 levels of adjustable Rumble

Vibration adjustment: 0%-30%-75%-100%



Image 3.3: Illustration of the controller's internal vibration motors and the four adjustable rumble levels: 0%, 30%, 75%, and 100%.

- Vibration levels can be adjusted to 0% (off), 30%, 75%, or 100% intensity.
- Refer to the controller's specific button combinations (usually a combination of a function button and a directional pad input) in the quick start guide for adjustment.

3.3 Customizable Back Buttons (M1, M2)

The controller includes two programmable back buttons (M1 and M2) for custom macro assignments.



Image 3.4: Diagram showing the M1 and M2 back buttons and the concept of on-the-fly mapping without requiring external software. It illustrates mapping various face buttons, triggers, and joystick clicks.

- These buttons can be programmed to replicate single button presses or complex sequences (macros) of other controller inputs.
- Programming is done directly on the controller, without requiring external software. Consult the quick start guide for specific programming steps.

3.4 Turbo Function

The turbo function allows for rapid, continuous input of a button press.



Image 3.5: Diagram illustrating the Turbo function, showing how to activate it by pressing the 'T' button along with an action button (Y, X, B, A, RT, LT, RB, LB). It also indicates adjustable turbo speeds of 8/s, 16/s, and 21/s.

- To activate Turbo: Press and hold the **T button**, then press the desired action button (e.g., A, B, X, Y, L, R, ZL, ZR).
- To adjust Turbo speed: While holding the **T button**, use the directional pad (Up/Down) to cycle through speeds (8/s, 16/s, 21/s).
- To deactivate Turbo: Repeat the activation step for the specific button, or clear all turbo settings as per the quick start guide.

3.5 RGB Lighting

The controller features customizable RGB lighting with multiple colors and modes.



Image 3.6: Diagram showcasing the RGB lighting feature, displaying 7 colors (Red, Orange, Green, Cyan, Blue, White, Purple) and 11 lighting modes, including 'Steady' and 'Gradient' effects.

- The controller offers 7 colors and 11 lighting modes (e.g., steady, gradient).
- Adjust lighting by pressing specific button combinations, typically involving the RGB button or a combination of the Home button and a joystick click. Refer to the quick start guide for exact controls.

3.6 Screenshot Function

- Press the dedicated **Screenshot button** (usually located near the Home button) to capture screenshots during gameplay on compatible platforms.

4. MAINTENANCE

- Keep the controller clean by wiping it with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- Store the controller in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid dropping the controller or subjecting it to strong impacts.
- Do not attempt to disassemble the controller, as this may void the warranty and cause damage.

5. TROUBLESHOOTING

Issue	Possible Solution
Controller does not connect/pair.	Ensure the controller is charged. Verify the correct pairing mode (Home + Y for Switch, Home + X for PC Bluetooth, Home + A for iOS/Android). Restart the host device (Switch, PC, phone). Delete previous Bluetooth pairings on the host device and try pairing again.
Input lag or unresponsive buttons.	Ensure the controller is within range of the host device. Reduce interference from other wireless devices. Ensure the controller is fully charged. Try connecting via a wired connection if available (for PC).
Controller not charging.	Check if the USB-C cable is securely connected to both the controller and the power source. Try a different USB-C cable or power adapter. Ensure the power source is functional.
Hall Effect joysticks/triggers not working as expected.	While Hall Effect technology minimizes drift, if issues persist, try recalibrating the controller through your device's settings (if supported). Ensure no physical obstructions are affecting the joysticks or triggers.

6. SPECIFICATIONS

Feature	Detail
Model	RGB Wireless Controller
Compatibility	Nintendo Switch (1/2/Lite/OLED), PC, iOS, Android
Connection	Bluetooth, Wired (USB-C)
Joystick Technology	Hall Effect (0 Dead Zone, Anti-Drift)
Trigger Technology	Hall Effect Linear Triggers (0.1mm Accuracy)
Vibration	4 Adjustable Levels (0%, 30%, 75%, 100%)
Programmable Buttons	2 Back Buttons (M1, M2) with Macro Function
Turbo Function	Adjustable Speeds (8/s, 16/s, 21/s)
Lighting	RGB (7 Colors, 11 Modes)
Battery Capacity	1000mAh
Battery Life	Up to 20 hours

Feature	Detail
Weight	1.21 pounds (approx. 549g)
Dimensions	6.77 x 5.63 x 4.92 inches (Package)

7. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your Dinosoo RGB Wireless Controller, please refer to the contact information provided with your product packaging or visit the official Dinosoo website. Keep your purchase receipt for warranty claims.