PDP 500-252-BL

PDP Afterglow Wave Wireless RGB Gaming Controller User Manual

Model: 500-252-BL | Brand: PDP

Introduction

Thank you for choosing the PDP Afterglow Wave Wireless RGB Gaming Controller. This controller is designed to enhance your gaming experience on Nintendo Switch, Switch Lite, Switch - OLED Model, and Nintendo Switch 2 (C Button not available). Featuring vibrant RGB lighting, programmable back buttons, and a long-lasting rechargeable battery, it provides immersive and responsive gameplay.
Please read this manual thoroughly to ensure proper setup, operation, and maintenance of your new controller.

Product Overview



Front view of the controller with RGB lighting and Nintendo Switch logo.



Officially Licensed by Nintendo.



Eight RGB zones with four pre-set modes.



Two programmable quick-action back buttons.



Built-in motion controls for immersive gameplay.



Ergonomic design for extended comfort.



Up to 30-foot low latency wireless connection.



Rechargeable battery for up to 20-hours of play time.

Setup

Initial Charging

Before first use, fully charge your controller. Connect the included USB-C cable to the charging port on the controller and the other end to a USB power source (e.g., Nintendo Switch dock, USB wall adapter, computer USB port). The LED indicators on the controller will show charging status and turn off when fully charged.



Controller showing battery indicator and charging port.

Pairing with Nintendo Switch

1. From the Nintendo Switch HOME Menu, select **Controllers**, then **Change Grip/Order**.
2. While on the "Change Grip/Order" screen, press and hold the **Sync Button** on the top of the Afterglow Wave controller for at least 3 seconds.
3. The player LEDs on the bottom of the controller will flash and then remain solid once paired.
4. Once paired, you can begin using your controller.

Note: The C Button is not available when using this controller with Nintendo Switch 2.

Operating Instructions

Button Layout

The controller features standard Nintendo Switch button layout, including A, B, X, Y buttons, D-pad, Left/Right joysticks, L/R/ZL/ZR

triggers, Plus (+), Minus (-), Home, and Capture buttons.

RGB Lighting Modes

The Afterglow Wave controller features eight RGB lighting zones and four pre-set modes. To cycle through the lighting modes, locate the dedicated lighting button (often a small button near the center of the controller or a combination of buttons, refer to the quick start guide for exact location if not clearly marked).

- **Mode 1:** Solid Color
- **Mode 2:** Wave Effect
- **Mode 3:** Breathing Effect
- **Mode 4:** Custom (if applicable, refer to advanced settings)

Programmable Back Buttons

The two programmable quick-action back buttons allow for custom mapping of controller functions. This feature provides a competitive edge by allowing you to execute complex actions quickly.
To program a back button:

1. Press and hold the **Program Button** (usually a small button on the back or bottom of the controller).
2. While holding the Program Button, press the **Back Button** (P1 or P2) you wish to program.
3. Release both buttons.
4. Now, press the **button** on the front of the controller that you want to map to the back button (e.g., A, B, X, Y, L, R, ZL, ZR, D-pad directions).
5. Press the **Program Button** again to save the mapping. The controller may vibrate or flash to confirm.

Motion Controls

The controller includes built-in motion controls for games that support this feature. Ensure motion controls are enabled in your game settings if you experience issues.

Maintenance

Cleaning

To clean your controller, use a soft, dry cloth. For stubborn dirt, slightly dampen the cloth with water. Do not use harsh chemicals, abrasive cleaners, or excessive moisture, as this can damage the controller's finish and internal components.

Battery Care

- Avoid exposing the controller to extreme temperatures (hot or cold).
- Do not store the controller for extended periods with a completely depleted battery. Charge it periodically if not in use.
- Use only the provided USB-C cable or a certified equivalent for charging.
- If the battery life significantly decreases, it may indicate the battery is nearing the end of its lifespan.

Troubleshooting

Problem	Possible Solution
Controller does not power on.	Ensure the controller is fully charged. Connect it to a power source using the USB-C cable.

Problem	Possible Solution
Controller does not pair with Nintendo Switch.	• Ensure the Switch is updated to the latest system software. • Go to "Change Grip/Order" on the Switch and press the Sync button on the controller. • Try restarting both the Switch console and the controller. • Ensure the controller is within the 30-foot wireless range.
Buttons or joysticks are unresponsive.	• Check battery level. • Try re-pairing the controller. • Clean around the buttons and joysticks to remove any debris.
RGB lighting is not working.	• Ensure the controller is powered on. • Cycle through the lighting modes using the dedicated lighting button.
Motion controls are not working.	• Ensure the game you are playing supports motion controls. • Check in-game settings to ensure motion controls are enabled. • Try recalibrating motion controls through the Nintendo Switch system settings.

Specifications

- **Model Number:** 500-252-BL
- **Connectivity:** Wireless (up to 30-foot range)
- **Compatibility:** Nintendo Switch, Switch Lite, Switch - OLED Model, Nintendo Switch 2 (C Button not available)
- **Battery:** 1 Lithium Ion battery (included)
- **Battery Life:** Up to 20+ hours per charge
- **Lighting:** Eight RGB zones with four pre-set modes
- **Special Features:** Programmable back buttons, Built-in motion controls, Ergonomic design
- **Dimensions:** 6.38 x 5.43 x 2.68 inches
- **Weight:** 13.1 ounces
- **Manufacturer:** PDP
- **Language:** English

Warranty and Support

PDP products are designed for quality and durability. For information regarding warranty coverage, technical support, or to register your product, please visit the official PDP website or contact their customer support directly.
Official PDP Website: www.pdp.com
Please retain your proof of purchase for warranty claims.

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