FLYDIGI Direwolf 3

FLYDIGI Direwolf 3 Wireless PC Controller User Manual

Model: Direwolf 3

1. Introduction

The FLYDIGI Direwolf 3 Wireless PC Controller is a high-performance gaming controller designed for multi-platform compatibility. It features advanced Hall Effect Joysticks and Triggers for precise control, a rapid 1000Hz wireless polling rate for minimal latency, and an ergonomic design for extended comfort during gaming sessions. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your Direwolf 3 controller.

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Video: Overview of the FLYDIGI Direwolf 3 Game Controller, showcasing its features and design.

2. Product Overview

Familiarize yourself with the components and layout of your FLYDIGI Direwolf 3 controller.



Image: Front view of the FLYDIGI Direwolf 3 Wireless PC Controller, showing the joysticks, buttons, and D-pad.



Image: Exploded view illustrating the internal components and ergonomic design of the Direwolf 3 controller.

Controller Layout:

- **Left Joystick:** Self-developed lever joystick with less than 1% centering deviation.
- **Right Joystick:** Similar to the left, ensuring high accuracy.
- **D-Pad:** Hybrid 8-way D-Pad for precise directional input.
- **Action Buttons (A, B, X, Y):** Quiet silicone oversized buttons for comfortable and responsive feedback.
- **Shoulder Buttons (LB, RB):** Standard shoulder buttons.
- **Triggers (LT, RT):** Hall Effect triggers offering 0.1MM precision.
- **M1/M2 Buttons:** Two programmable back buttons located on the grips.
- **Select/Start Buttons:** Standard function buttons.
- **FN Button:** Function button for advanced controls.
- **Mode Switch:** Located on the back for switching between PC, Switch, and mobile modes.

3. Setup

Follow these steps to connect your FLYDIGI Direwolf 3 controller to your desired device.

3.1. Connecting to PC (Windows)

1. Ensure the mode switch on the back of the controller is set to PC mode.
2. **Wireless (2.4GHz Dongle):**
    - Insert the included 2.4GHz wireless dongle into an available USB port on your PC.
    - Turn on the controller. It should automatically pair with the dongle. The indicator light will show a stable connection.
3. **Wired Connection:**
    - Connect the controller to your PC using the provided USB-C cable.
    - The controller will be recognized as a wired gamepad.
4. **Bluetooth Connection:**
    - Ensure your PC has Bluetooth enabled.
    - Set the controller to Bluetooth mode (refer to controller markings for specific Bluetooth mode).
    - On your PC, go to Bluetooth settings and search for new devices. Select "FLYDIGI Direwolf 3" to pair.

3.2. Connecting to Nintendo Switch / Switch2

1. Set the mode switch on the back of the controller to Switch mode.
2. On your Nintendo Switch, navigate to "Controllers" > "Change Grip/Order".
3. Press and hold the pairing button on the controller until the indicator lights flash.
4. The Switch will detect the controller, and the indicator light will become solid upon successful connection.

3.3. Connecting to Android / iOS Devices

1. Set the mode switch on the back of the controller to Android or iOS mode.
2. Enable Bluetooth on your mobile device.
3. Go to Bluetooth settings and search for new devices. Select "FLYDIGI Direwolf 3" to pair.
4. *Note:* Android and iOS native game support is limited to certain titles that natively support controller gaming mode.

4. Operating Instructions

Understand and utilize the advanced features of your Direwolf 3 controller for an enhanced gaming experience.

4.1. Hall Effect Joysticks and Triggers

The Direwolf 3 features self-developed Hall Effect joysticks and triggers. This technology uses magnets and electrical conductors to detect movement, eliminating physical contact wear and tear, which prevents stick drift and ensures long-term precision.

- **Joysticks:** Less than 1% centering deviation and a lifespan of 10 million presses, providing consistent accuracy.
- **Triggers:** 0.1MM precision for exceptionally responsive and smooth input, crucial for racing games or shooters.



Image: Detailed view of the self-developed lever joystick, highlighting its no-drift and high endurance features.



Image: Illustration of the Hall Effect triggers, emphasizing frictionless electromagnetic precision.

4.2. 1000Hz Wireless Polling Rate

The 1000Hz wireless polling rate, powered by FlySync Technology, ensures a 1ms lag-free response. This means your inputs are registered almost instantaneously, providing a significant advantage in fast-paced games.



Image: Visual representation of the 1000Hz wireless polling rate ensuring stable signal and rapid response.

4.3. Programmable Back Buttons (M1/M2)

The Direwolf 3 includes two programmable back buttons (M1 and M2) located on the underside of the grips. These can be customized to execute complex macros or remapped to any other button, allowing for effortless combos and reduced misclicks.

- Refer to the FLYDIGI Space Station app (available for PC and mobile) for detailed instructions on programming M1/M2 buttons.



Image: Diagram illustrating the location and function of the two programmable back buttons (M1 and M2).

4.4. High-Precision Six-Axis Motion Sensing

Experience seamless and intuitive control with the integrated six-axis motion sensing. This feature allows for motion mapping that can replicate a silky-smooth mouse feel, enhancing gameplay in compatible titles.

Image: Controller shown with a graphic representing high-precision six-axis motion sensing for accurate operation.

4.5. Subtle Vibration System

The dynamic dual vibration motors provide multi-layered, ultra-fine vibration feedback. This system simulates real-game effects, such as shooting recoil or racing crashes, delivering impactful and lifelike immersion.



Image: Internal view of the controller highlighting the subtle vibration system for immersive feedback.

4.6. Quiet Silicone Oversized Buttons

The action buttons (A, B, X, Y) are made with quiet silicone and are oversized, providing a punchy, solid feedback and a more comfortable, quieter experience during gameplay.



Image: Close-up of the quiet silicone oversized buttons, designed for comfortable and solid feedback.

5. Battery and Charging

The Direwolf 3 controller is equipped with an 800mAh rechargeable battery, providing reliable power for your gaming sessions.

- **Battery Life:** Up to 15 hours of playtime without vibration.
- **Charging Time:** Approximately 2 hours for a full charge.
- **Charging Indicator:** The controller features clear red-to-green charging indicators to show charging status. Red typically indicates charging, and green indicates a full charge.
- **Charging Method:** Connect the controller to a USB power source using the provided USB-C cable.

6. Multi-Platform Compatibility

The FLYDIGI Direwolf 3 controller offers broad compatibility across various gaming platforms.

- **PC:** Fully compatible with Windows PC via 2.4GHz wireless dongle, wired USB-C, or Bluetooth.

- **Nintendo Switch / Switch2:** Seamless connection for an enhanced Switch gaming experience.
- **Android:** Supports Android native games that have built-in controller support.
- **iOS:** Supports iOS native games that have built-in controller support.

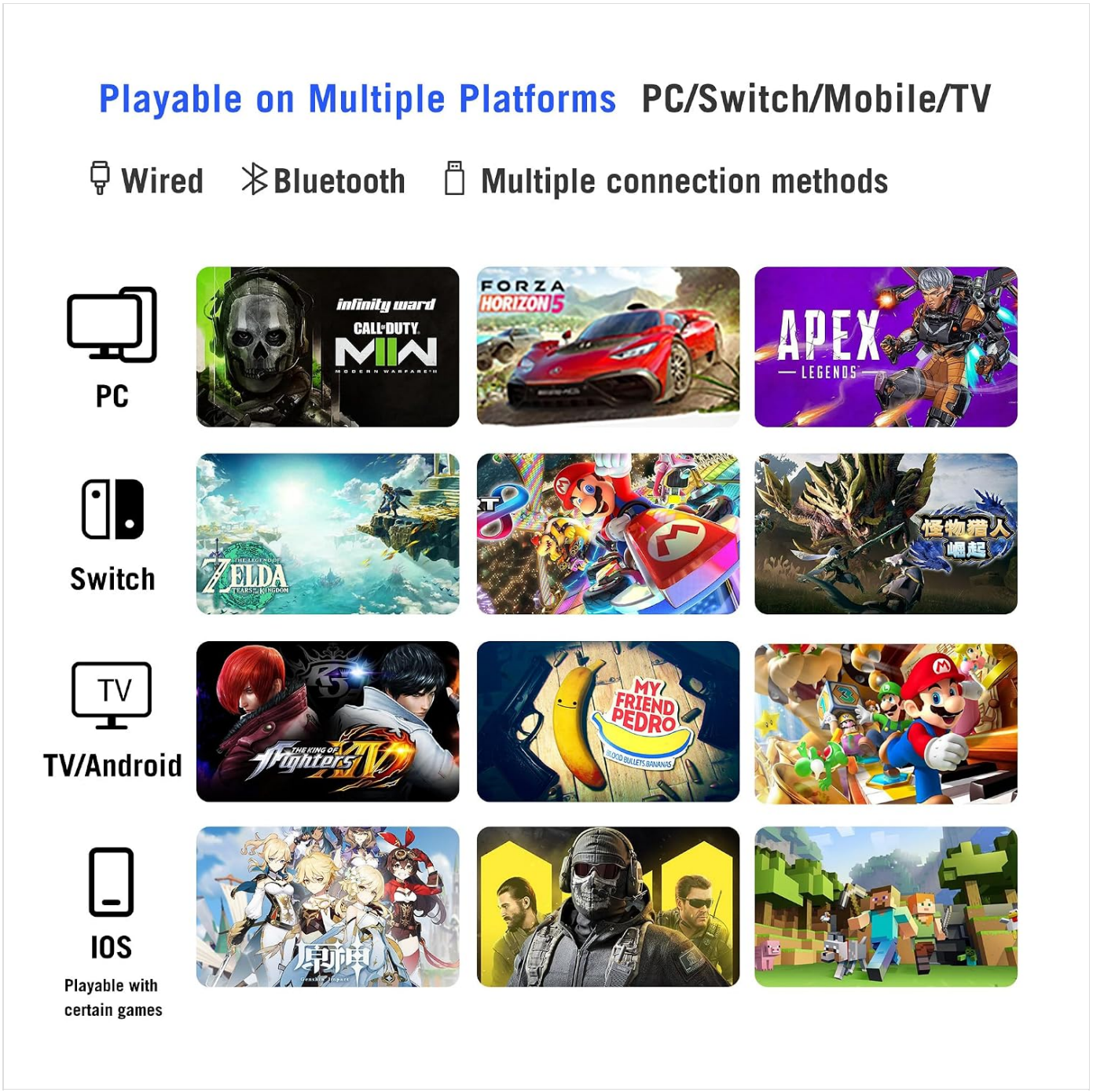


Image: Visual guide to the Direwolf 3's compatibility with PC, Switch, mobile, and TV platforms.

7. Maintenance

Proper care will ensure the longevity and optimal performance of your controller.

- **Cleaning:** Use a soft, dry cloth to wipe down the controller. For stubborn dirt, slightly dampen the cloth with water or a mild electronic cleaner. Avoid excessive moisture.
- **Storage:** Store the controller in a cool, dry place away from direct sunlight and extreme temperatures.
- **Avoid Drops:** While durable, repeated drops can damage internal components. Handle with care.
- **Charging:** Do not leave the controller charging for excessively long periods after it is fully charged.

8. Troubleshooting

If you encounter issues with your Direwolf 3 controller, refer to the following common solutions.

Problem	Possible Cause	Solution
Controller does not connect.	Incorrect mode selected, low battery, pairing issue, dongle not recognized.	Ensure the mode switch is set correctly for your device. Charge the controller fully. Re-attempt pairing (refer to Setup section). Try a different USB port for the dongle.
Input lag or unstable connection.	Interference, distance from receiver, low battery.	Move closer to the receiver/device. Ensure no other wireless devices are causing interference. Charge the controller. Try a wired connection if possible.
Joystick drift or inaccurate input.	Software calibration needed, rare manufacturing defect.	Connect to the FLYDIGI Space Station app and perform joystick calibration. If the issue persists after calibration, contact customer support.
Buttons are unresponsive.	Low battery, software glitch, physical damage.	Charge the controller. Restart the controller and the connected device. Check for firmware updates via the FLYDIGI Space Station app. If physical damage is suspected, contact customer support.

9. Specifications

Feature	Detail
Model	Direwolf 3
Dimensions	6.1 x 4 x 2.6 inches
Weight	13.1 ounces (approx. 371 grams)
Battery	800mAh Rechargeable (up to 15 hours playtime)
Polling Rate	1000Hz Wireless
Joysticks	Hall Effect (10 million press lifespan, <1% centering deviation)
Triggers	Hall Effect (0.1MM precision)
Compatibility	Windows PC, Nintendo Switch/Switch2, Android, iOS
Manufacturer	Flydigi
Date First Available	April 8, 2025

10. Warranty and Support

FLYDIGI is committed to providing high-quality products and customer satisfaction.

10.1. Warranty Information

This product is covered by the manufacturer's standard warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official FLYDIGI website. Keep your proof of purchase for warranty claims.

10.2. Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact FLYDIGI customer support through the following channels:

- **Official Website:** Visit the FLYDIGI official website for FAQs, drivers, firmware updates, and contact information.
- **Amazon Seller Support:** If purchased through Amazon, you may also contact the seller "FLYDIGI US" via your Amazon order history for assistance.
- **FLYDIGI Space Station App:** Utilize the app for firmware updates, calibration, and advanced settings, which can often resolve minor issues.

Note: Protection plans may be available for purchase separately through Amazon, offering extended coverage beyond the manufacturer's warranty.

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