KICKDOT JC500

KICKDOT JC500 Nintendo Switch 2 Joypad Controller Instruction Manual

Introduction

This manual provides detailed instructions for the KICKDOT JC500 Joypad Controller, designed for the Nintendo Switch 2. It covers setup, operation, customization, and maintenance to ensure optimal performance and an enhanced gaming experience.

Key Features

- **Hall Effect Joysticks:** Provides drift-free precision and ultra-smooth analog control for immediate response.
- **Ergonomic Grip:** Engineered for comfort during long gaming sessions, reducing hand fatigue.
- **Built-in Kickstand:** Allows for hands-free tabletop viewing and reduces wrist strain.
- **Integrated Game Card Storage:** Six secure slots on the back for carrying physical game cartridges.
- **Programmable Back Buttons (M1/M2):** Two customizable buttons capable of recording macros up to 21 actions.
- **Adjustable Turbo Fire:** 3-speed settings (4/8/16 presses per second) for rapid-fire gameplay.
- **Keylinker Smartphone App:** For button remapping, stick sensitivity adjustment, vibration fine-tuning, and firmware updates.
- **Dynamic RGB Lighting:** 11 modes and 5 brightness levels around the joysticks.
- **Adjustable Dual Vibration:** 4-level haptic feedback.
- **6-Axis Gyro Motion Control:** For immersive gameplay.
- **Dedicated Screenshot/Video Recording Button:** Capture in-game moments easily.
- **Optimal Cooling:** Strategically placed ventilation zones.
- **Long-lasting Battery:** Up to 15 hours of wireless play on a single charge.
- **Secure Console Attachment:** Bottom spring-loaded latches for secure fit and daily protection.

Setup and Connection

Initial Connection

1. **Attach the Controller:** Slide your Nintendo Switch 2 console into the KICKDOT JC500 Joypad Controller. Ensure the console is securely seated and the bottom spring-loaded latches engage.
2. **Enable Pro Controller Wired Communication:** On your Nintendo Switch 2, navigate to **System Settings** > **Controllers and Sensors** > **Pro Controller Wired Communication** and set it to **On**. This is crucial for the controller to function.
3. **Pairing:** Hold the **HOME** button on the KICKDOT JC500 for 3 seconds until the blue light flashes and a short vibration occurs, indicating successful pairing.
4. **Wake Function Activation:** Within 20 seconds after the JC500 connects, remove and reattach the Joy-Con to activate the wake-up function. After this, you can use the **HOME** button to wake the console.



Figure 1: Step-by-step guide for initial connection and wake function setup.

Operating Instructions

Hall Effect Joysticks

The KICKDOT JC500 features Hall Effect joysticks, which use magnetic fields for input, eliminating stick drift and providing precise, smooth control. These joysticks offer a 5 million cycle lifespan and 0.1mm accuracy.



Figure 2: Hall Effect Joystick mechanism for drift-free precision.

Programmable Back Buttons (M1/M2) and Macro Function

The controller includes two programmable back buttons, M1 and M2, located on the rear grips. These buttons can be assigned to single actions or complex macros of up to 21 steps.

- **To Program a Macro:** Press and hold the **M** button along with either **M1** or **M2**. Input your desired sequence of up to 21 actions. Press **M1** or **M2** again to save the macro.
- **To Clear a Single Program:** Double-click the **M1** or **M2** button.
- **To Clear All Programs:** Hold the **M** button for 5 seconds.



Figure 3: Macro programming and button mapping for M1/M2 buttons.

Turbo Function

Activate rapid-fire input with the 3-speed adjustable Turbo function. Speeds include 4, 8, and 16 presses per second. Refer to the controller's specific button combinations for activation and speed adjustment.

RGB Lighting

Customize your gaming atmosphere with 11 dynamic RGB lighting modes and 5 adjustable brightness levels around the joysticks. Use the dedicated RGB button or the Keylinker app to cycle through modes and adjust brightness.



Figure 4: Programmable Multi-Zone RGB Illumination options.

Vibration and 6-Axis Gyro Motion Control

Experience immersive feedback with 4-level adjustable dual vibration. The integrated 6-axis gyro provides precise motion control for compatible games.



Figure 5: Professional Performance Suite highlighting vibration, turbo, and gyro features.

Built-in Kickstand and Game Card Storage

The integrated kickstand allows you to prop up your Switch 2 for comfortable tabletop gaming. The back of the controller also features six secure game card slots for convenient storage of your physical game library.



Figure 6: Portable 6-Game Cartridge Vault and kickstand in use.



Figure 7: Design features including the kickstand, ventilation, and auto-lock clip.

Keylinker Smartphone App Integration

Enhance your control with the Keylinker smartphone app. This app allows for advanced customization, including:

- Remapping buttons.
- Adjusting stick sensitivity and dead zones.
- Fine-tuning vibration intensity.
- Customizing RGB lighting effects.
- Receiving firmware updates for optimal performance.

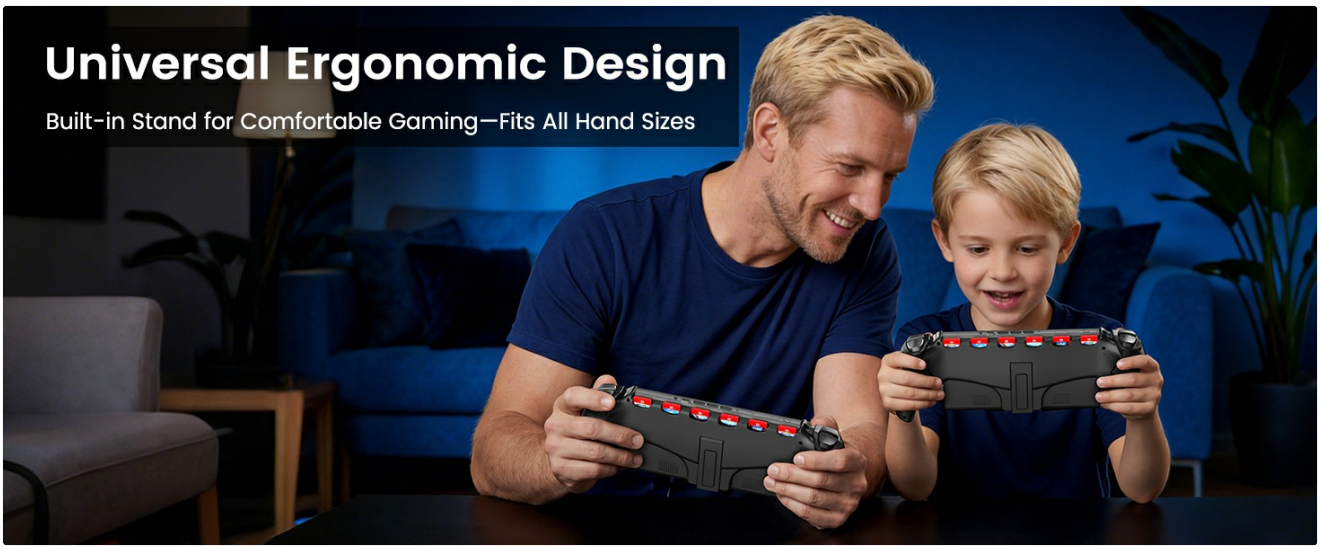


Figure 8: Seamless Keylinker App Integration for advanced customization.

Charging and Battery Life

The KICKDOT JC500 features a 1000mAh battery, providing up to 15 hours of wireless play on a single charge. The controller supports simultaneous in-play charging via its bottom charging port, ensuring uninterrupted gaming sessions.

- **Charging Time:** Approximately 3 hours for a full charge.
- **Battery Life:** Up to 15 hours of play.
- **Charging Indicator:** Blue solid light when fully charged (power on), blue light off when fully charged (power off).



Figure 9: Simultaneous In-Play Charging and battery status.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the controller. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the controller in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the controller or subjecting it to strong impacts.

Troubleshooting

- **Controller Not Connecting:**
  - Ensure "Pro Controller Wired Communication" is enabled in your Switch 2 System Settings.
  - Verify the console is securely seated in the controller.
  - Try re-pairing by holding the HOME button for 3 seconds.
- **Input Lag or Unresponsiveness:**

- Check battery level and charge if low.
- Ensure no physical obstructions are interfering with the connection.
- Update firmware via the Keylinker app if available.

- **Stick Drift:**
  - While Hall Effect joysticks are designed to prevent drift, if issues occur, try calibrating the joysticks through the Keylinker app or Switch 2 system settings.
- **RGB Lights Not Working:**
  - Check brightness settings via the RGB button or Keylinker app.
  - Ensure the controller has sufficient power.

Specifications

Brand	KICKDOT
Model Name	JC500 (Switch 2)
Compatible Devices	Nintendo Switch 2
Controller Type	Gamepad, Joystick
Connectivity Technology	Wired (via console connection)
Special Features	Hall Effect Joysticks, Programmable Back Buttons, Turbo Function, RGB Lighting, Dual Vibration, 6-Axis Gyro, Built-in Kickstand, Game Card Slots
Battery Capacity	1000mAh
Battery Life	Up to 15 hours
Charging Time	Approx. 3 hours
Color	Black

Warranty and Support

For warranty information, technical support, or further assistance, please refer to the official KICKDOT website or contact KICKDOT customer service. Keep your purchase receipt for warranty claims.