8Bitdo 8BitDo USB Wireless Adapter 2

8BitDo Wireless USB Adapter 2 Instruction Manual

Model: 8BitDo USB Wireless Adapter 2

INTRODUCTION

The 8BitDo Wireless USB Adapter 2 allows you to connect a wide range of wireless controllers to your favorite gaming platforms, including Nintendo Switch, Windows PCs, macOS, Steam Deck, and Raspberry Pi. This adapter offers broad compatibility with popular controllers such as Xbox Series X|S, Xbox One Bluetooth, PS5/PS4/PS3, and Switch Pro controllers, enhancing your gaming experience with greater flexibility.
This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your 8BitDo Wireless USB Adapter 2.

SETUP

1. Package Contents

- 8BitDo Wireless USB Adapter 2
- Instruction Manual

2. System Compatibility

- Nintendo Switch / Switch 2 (requires latest firmware update for Switch 2 compatibility)
- Windows (Windows 10 and above)
- macOS
- Steam Deck
- Raspberry Pi

3. Controller Compatibility

- Xbox Series X|S Controller
- Xbox One Bluetooth Controller

- PS5/PS4/PS3 Controller
- Switch Pro Controller
- Wii Mote
- Wii U Pro Controller
- All 8BitDo Bluetooth Controllers and arcade sticks

Note: Only Bluetooth controllers are supported. 2.4G controllers are not supported.

4. Initial Setup and Pairing

1. **Connect the Adapter:** Plug the 8BitDo Wireless USB Adapter 2 into an available USB port on your desired gaming system (Switch dock, PC, Mac, Steam Deck, Raspberry Pi).

2. **Power On Controller:** Ensure your desired controller is powered on and in pairing mode. Refer to your controller's manual for specific pairing instructions.

3. **Activate Pairing on Adapter:** Press the pairing button located on the top of the 8BitDo Wireless USB Adapter 2. The LED indicator on the adapter will begin to blink rapidly.

4. **Complete Pairing:** Once the controller's LED stops blinking and becomes solid, it is successfully paired with the adapter.

Figure 1: The 8BitDo Wireless USB Adapter 2, showing its compact design and USB connector.

5. Nintendo Switch Specific Settings

For Nintendo Switch, ensure "Pro Controller Wired Communication" is enabled in the System Settings:

1. Go to **System Settings** on your Nintendo Switch.
2. Scroll down to **Controllers and Sensors**.
3. Enable **Pro Controller Wired Communication** (set to On).

Note: If this option is enabled, the Nintendo Switch Pro Controller will communicate with the console via wired communication when connected to it using the USB charging cable. The NFC touchpoint on the Pro Controller will be disabled while the controller is using wired communication.

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Video 1: Demonstration of connecting an 8BitDo USB Wireless Adapter to a Nintendo Switch dock and pairing a PS4 controller. This video also highlights the necessary "Pro Controller Wired Communication" setting on the Switch.

OPERATING INSTRUCTIONS

1. Basic Functionality

Once paired, your controller will function as a standard input device for your chosen system. The adapter supports various input modes:

- **X-input:** Standard for Windows PCs, providing broad game compatibility.
- **D-input:** Common for older PC games and some Android devices.
- **Mac mode:** For macOS systems.
- **Switch mode:** For Nintendo Switch consoles.

The adapter automatically detects the system and switches to the appropriate mode. For specific button mappings, refer to the 8BitDo Ultimate Software.

2. Advanced Features with 8BitDo Ultimate Software

The 8BitDo Ultimate Software allows for extensive customization of your connected controllers. This software is compatible with PS5, PS4, Xbox One S/X Bluetooth controllers, and Switch Pro controllers.

- **Button Mapping:** Customize button assignments to your preference.
- **Stick & Trigger Sensitivity:** Adjust the sensitivity of analog sticks and triggers for precise control.
- **Vibration Control:** Modify vibration intensity for enhanced gameplay comfort.
- **Macros:** Create complex macros with any button combination for quick execution.
- **Profile Management:** Create and switch between different controller profiles.

Note: Download the 8BitDo Ultimate Software from the official 8BitDo website.

Figure 2: The 8BitDo Wireless USB Adapter 2 connected to a Steam Deck, enabling controller use.

3. Motion Control and Vibration Support

- **6-axis motion:** Supported on Nintendo Switch when using compatible controllers (e.g., PS4/PS5, Switch Pro).
- **Vibration:** Supported in X-input mode for compatible controllers.

Note: Motion control support may vary depending on the specific controller and game.

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Video 2: A user demonstrating the 8BitDo Wireless USB Adapter 2 with an Xbox Series X controller on a Nintendo Switch, highlighting seamless connectivity.

MAINTENANCE

1. Firmware Updates

To ensure optimal performance and compatibility with new controllers or system updates (e.g., Switch 2 compatibility), regularly update the adapter's firmware.

1. Visit the official 8BitDo support website.
2. Download the latest firmware update tool for your adapter.
3. Follow the on-screen instructions provided by the update tool to complete the firmware update.

Note: Firmware updates often require connecting the adapter to a PC via USB.

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Video 3: A user explaining the importance of firmware updates for the 8BitDo Wireless USB Adapter 2 to ensure proper functionality, especially with newer consoles like the Switch 2.

2. Cleaning and Storage

- Wipe the adapter with a soft, dry cloth to remove dust and debris.
- Avoid using liquid cleaners or abrasive materials.
- Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures when not in use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Controller not pairing.	Adapter not in pairing mode; Controller not in pairing mode; Outdated firmware.	Ensure both adapter and controller are in pairing mode. Update adapter firmware.
Lag or input delay.	Interference; Distance from adapter; Outdated firmware.	Reduce wireless interference. Move closer to the adapter. Update firmware.
Motion controls not working on Switch.	"Pro Controller Wired Communication" disabled; Controller not supported.	Enable "Pro Controller Wired Communication" in Switch settings. Verify controller compatibility.
Vibration not working.	Not in X-input mode; Controller does not support vibration; Game does not support vibration.	Ensure adapter is in X-input mode (for PC). Check controller and game compatibility.
Only one controller connects.	Adapter supports only one controller at a time.	This adapter is designed for single-controller use. For multiple controllers, additional adapters are required.

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Video 4: An influencer demonstrating how to use Xbox and PlayStation controllers on a Nintendo Switch using the 8BitDo adapter, showcasing its functionality and addressing common setup queries.

SPECIFICATIONS

- **Model Number:** 8BitDo USB Wireless Adapter 2
- **Dimensions:** 3.54 x 2.17 x 0.98 inches
- **Weight:** 0.71 ounces
- **Connectivity:** Bluetooth
- **Compatibility:** Nintendo Switch/Switch 2, Windows, macOS, Steam Deck, Raspberry Pi
- **Supported Controllers:** Xbox Series X|S, Xbox One Bluetooth, PS5/PS4/PS3, Switch Pro, Wii Mote, Wii U Pro, all 8BitDo Bluetooth controllers.
- **Special Features:** 6-axis motion support (on Switch), Vibration (X-input mode), Ultimate Software support, Lag-free.

WARRANTY AND SUPPORT

Warranty Information

For detailed warranty information, please refer to the official 8BitDo website or contact their customer support. Keep your proof of purchase for warranty claims.

Customer Support

If you encounter any issues not covered in this manual or require further assistance, please visit the 8BitDo Store on Amazon or their official support page for FAQs, firmware downloads, and contact options.

Related Documents - 8BitDo USB Wireless Adapter 2

[8BitDo Retro Receiver: Genesis & Mega Drive Controller Adapter Manual](#)

Comprehensive guide to pairing and using the 8BitDo Retro Receiver with original Genesis & Mega Drive consoles, supporting controllers from PS4, PS3, Xbox One S/X, Wii, and Nintendo Switch.

[8Bitdo Wireless USB Adapter 2 for Switch: Manual Setting Guide](#)

Detailed instructions for manually setting the mode on your 8Bitdo Wireless USB Adapter 2 for Switch, covering Xinput, Dinput, Mac, PSC, Switch, and MD modes. Includes guidance on automatic mode switching and cancellation.

[8BitDo USB Adapter for PS Classic: User Manual and Compatibility Guide](#)

Get started with the 8BitDo USB Adapter for PS Classic. This guide provides step-by-step pairing instructions for PS4, PS3, Xbox One S/X, Wii controllers, and various 8BitDo controllers, along with a detailed compatibility chart and quick mode switching information.

[8BitDo USB Wireless Adapter 2 Instruction Manual](#)

Instruction manual for the 8BitDo USB Wireless Adapter 2, detailing controller and system compatibility, and software features.

[8BitDo Retro Receiver: Connect Genesis, Mega Drive, and Modern Controllers](#)

Comprehensive guide to pairing various controllers, including PS4, PS3, Xbox One S/X, Wii U Pro, Switch Joy-Con/Pro, and 8BitDo controllers, with the 8BitDo Retro Receiver for Genesis, Mega Drive, and X-input systems.

8BitDo Arcade Stick FAQ

Frequently asked questions about the 8BitDo Arcade Stick, covering compatibility with various systems like Windows and Nintendo Switch, connectivity options (Bluetooth, 2.4g, USB-C), button functions, modification tools, and charging details.