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8Bitdo SN30 Pro

8Bitdo SN30 Pro Bluetooth Controller Instruction Manual

Model: SN30 Pro

1. PRODUCT OVERVIEW

The 8Bitdo SN30 Pro is a fully featured retro-inspired Bluetooth controller designed for a wide range of gaming platforms. It combines classic design elements with modern functionalities, including rumble vibration, motion controls, and USB-C connectivity. The controller is engineered with attention to detail, particularly the d-pad, to ensure an authentic feel. It is compatible with Windows, Nintendo Switch, macOS, Android, Steam, and Raspberry Pi devices.

Key Features:

- Wireless Bluetooth connectivity for versatile use.
- Rumble vibration for immersive feedback.
- Motion controls for supported games and platforms.
- USB-C port for direct wired connection and charging.
- Built-in lithium-ion battery for extended playtime.
- D-Input and X-Input functionality for broad compatibility.



Figure 1: Front view of the 8Bitdo SN30 Pro Controller, showcasing the D-pad, analog sticks, and face buttons.



Figure 2: Top view of the 8Bitdo SN30 Pro Controller, highlighting the shoulder buttons and the central USB-C charging port.

2. SETUP AND CONNECTIVITY

2.1 Initial Setup and Firmware Update

Before first use, it is highly recommended to update the controller's firmware. This process resolves potential issues with connectivity and optimizes features like rumble vibration. Refer to the official 8Bitdo support website for the latest firmware and detailed update instructions.

2.2 Bluetooth Pairing

The SN30 Pro controller supports wireless Bluetooth connectivity across multiple platforms. The specific pairing method may vary slightly depending on your device:

- **Nintendo Switch:** Ensure your Switch is updated to version 1.0.0 or above. Follow the Switch's controller pairing instructions.
- **Windows:** Compatible with Windows 7 and above (Bluetooth 4.0 required). Enable Bluetooth on your PC and search for the controller.
- **Android:** Compatible with Android 4.0 and above. Enable Bluetooth on your Android device and search for the controller.
- **macOS:** Compatible with macOS 10.7 and above. Enable Bluetooth on your Mac and search for the controller.
- **Steam:** Compatible with Windows 7 and above, macOS 10.9 and above. The controller is often recognized natively by Steam.

- **Raspberry Pi:** Compatible with Raspberry Pi Bluetooth 2.0 and above (models 2B, 2B+, 3B, Zero).

2.3 Wired Connection

For a direct connection or while charging, use the provided USB-C cable to connect the controller to your device. The controller supports D-Input and X-Input functionality, allowing for broad compatibility with PC games.



Figure 3: The 8Bitdo SN30 Pro Controller being used wirelessly with a Nintendo Switch console.



Figure 4: The 8Bitdo SN30 Pro Controller connected to a laptop, demonstrating PC compatibility.

3. OPERATING THE CONTROLLER

3.1 Controls and Features

The SN30 Pro features a classic D-pad, two clickable analog sticks, A/B/X/Y face buttons, Select/Start buttons, and L1/L2/R1/R2 shoulder buttons/triggers. It also includes rumble vibration and motion controls for enhanced gameplay on supported platforms.

3.2 Mode Switching

The controller supports various input modes (e.g., Switch Pro Controller, XInput, DirectXInput). Specific button combinations are often printed on the back of the controller or detailed in the quick start guide to switch between these modes for optimal compatibility with different devices.



Figure 5: Bottom view of the 8Bitdo SN30 Pro Controller, showing the LED indicator lights for connection status and player number.

4. MAINTENANCE AND CHARGING

4.1 Charging the Battery

The SN30 Pro controller includes a built-in lithium-ion battery. To charge, connect the controller to a USB power source using the supplied USB-C cable. The LED indicator lights will typically show charging status and turn off when fully charged. A full charge provides approximately 16 hours of playtime and takes about 1-2 hours.

4.2 Storage and Care

Store the controller in a cool, dry place away from direct sunlight and extreme temperatures. Clean the controller with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.

5. TROUBLESHOOTING

5.1 Connectivity Issues

If you experience difficulty connecting the controller, ensure it is fully charged and that the correct input mode is selected for your device. Try restarting both the controller and your device. A firmware update can often resolve persistent connectivity problems.

5.2 Rumble Vibration Problems

If rumble vibration is not functioning correctly or is excessively loud, perform a firmware update. Early firmware versions had known issues with rumble functionality that were addressed in subsequent updates.

5.3 Controller Unresponsive

If the controller becomes unresponsive, try force-shutting down the controller and restarting it. This can often resolve temporary freezes.

6. SPECIFICATIONS

Model Number	6922621500377
Product Dimensions	3.82 x 1.93 x 6.18 inches
Item Weight	4.8 ounces
Batteries	1 Lithium Polymer battery required (included)
Connectivity	Wireless Bluetooth, USB-C
Compatibility	Windows 7+, Android 4.0+, macOS 10.7+, Steam (Windows 7+, macOS 10.9+), Switch 1.0.0+, Raspberry Pi (Bluetooth 2.0+, 2B, 2B+, 3B, Zero)
Features	Rumble vibration, Motion controls, D-Input, X-Input

7. WARRANTY AND SUPPORT

Specific warranty information is not provided in the product details. For warranty claims, technical support, or further assistance, please visit the official 8Bitdo support website or contact their customer service directly. Always refer to the manufacturer's official channels for the most accurate and up-to-date information.

8. OFFICIAL PRODUCT VIDEOS

No official product videos from the seller were available in the provided data.