

EN

WIRELESS CONTROLLER

FOR SWITCH/2-SWITCH/SWITCH OLED MODEL/SWITCH LITE/PC/STEAM DECK/ANDROID/iOS/MAC

Item No.:NS2286

Instruction Manual

Getting Started

Make sure you read this guide, before using the Controller.
Reading this guide will help you learn to use the controller properly.
Store this guide safely so that you can use it in the future.



Product description

HOME Button

Button

A/B/X/Y Buttons

Right Stick

Button

Left Stick

Up/Down

Left/Right Buttons

Pairing Indicator Light

Player Indicator Light

M1 programming button

M2 programming button

Reset button

TYPE-C charging port

Left button

Right button

ZL button

ZR button

Compatible With

Switch/Switch OLED Model/Switch Lite/PC/Steam Deck/Android/iOS/Mac

How to connect to Switch for the first time

1.From the HOME Menu → select "Controllers" → then "Change Grip and Order."While the following screen is displayed.
2.Press and hold down the [SYNC Button] on the controller for at least 5 seconds,the 4 player LED(s) of the controller will quickly flash.
3.Once paired, the player LED(s) corresponding to the controller number will remain lit.

How to reconnect to Switch/Switch OLED MODE

1.Briefly press the HOME button to turn on the controller. The four LED indicators will blink rapidly.
2.The controller will automatically wake up the Switch console and establish a connection.
3.Once paired, the corresponding channel LED will stay solid. The controller saves the last connected mode after shutdown. Simply press the HOME button to wake it up, and it will reconnect to the previous mode automatically.

Troubleshoot your controllers

Solution 1: Because Bluetooth Pairing Problems between NS Switch and controller, if you can't finish the first connection, please restart your NS Switch as below and try again.
• Hold the power button located on the top of the Switch for around 5 seconds.
• Under sleep mode, you will see "Power Options"
• Under Power Options, you can choose to restart or turn the power off.
Situation 2: Charge your controllers. Because express strictly limit that battery should keep low energy during transit.
Situation 3: Clear All Controller Pairings & Reconnect
Go to System Settings → Controllers and Sensors → Pro Controller Wired Communication → Enable.
Situation 4: If Using a Wired Connection
Ensure Wired Communication is enabled in the system settings: Go to System Settings → Controllers and Sensors → Pro Controller Wired Communication → Enable.

Wired Connection

1. With the controller powered off, connect it to your PC via USB cable. The controller will be automatically recognized in X-INPUT mode (default). LED1 + LED4 will remain lit to indicate this mode.
2. Switching to D-INPUT Mode (Optional):
While in X-INPUT mode, press and hold the "-" (Minus) and "+" (Plus) buttons for 3 seconds. The controller will switch to D-INPUT (Directinput) mode. LED2 + LED3 will light up to confirm the mode change.

Bluetooth Connection

Both connection methods are fully supported on Mac computers via Steam platform.
• Bluetooth connection requires a Bluetooth-enabled PC, connection unavailable without Bluetooth hardware.
• macOS systems only support Bluetooth pairing (wired connection not available for Mac).
• When connecting to PC, Do NOT select the [BLE Controller] device name in Bluetooth settings.

Bluetooth Pairing Guide for macOS

Compatible with: macOS

Connection Method

Method 1:
1. Enable Bluetooth on Steam Deck
Press the Steam button → Settings → Bluetooth → Turn On.
Press the Steam button → Settings → Bluetooth → Show All Devices → Enable.
2. While the controller is powered off, press and hold the [X + HOME] buttons simultaneously. LED1 + LED4 will blink, indicating pairing mode.
3. In the device list, locate and select the Bluetooth name: [Xbox Wireless Controller].
4. Once connected, LED1 + LED4 will stay solid.

Method 2:

1. In this mode, the controller's vibration and analog trigger functions are disabled.
2. System Requirements: Requires iOS 13.0 or later.
3. Compatibility Notice: Only games with native controller support are playable on iOS platforms.

How to Pair with Steam Deck

Bluetooth Connection

Method 1:

1. Enable Bluetooth on Steam Deck
Press the Steam button → Settings → Bluetooth → Turn On.
Press the Steam button → Settings → Bluetooth → Show All Devices → Enable.
2. While the controller is powered off, press and hold the [X + HOME] buttons simultaneously. LED1 + LED4 will blink, indicating pairing mode.
3. In the device list, locate and select the Bluetooth name: [Xbox Wireless Controller].
4. Once connected, LED1 + LED4 will stay solid.

Method 2:

1. Open System Preferences
Go to Apple Menu → System Preferences → Bluetooth.
2. Enable Bluetooth
Toggle the Bluetooth switch to "On". Enter Pairing Mode
Press the Steam button → Settings → Bluetooth → Show All Devices → Enable.
3. With the controller powered off, press and hold [X + HOME] simultaneously. LED1 + LED4 will blink, indicating pairing mode.
4. Under "Devices", locate and click [Xbox Wireless Controller].
5. Once paired, LED1 + LED4 will stay solid.

How to Pair with iOS Devices

Compatible Systems: Android 5.0 or later

Method 1:

1. In this mode, the controller's vibration and analog trigger functions are disabled.
2. System Requirements: Requires iOS 13.0 or later.
3. Compatibility Notice: Only games with native controller support are playable on iOS platforms.

Method 2:

1. Enable Bluetooth on iOS
Open Settings → Bluetooth and turn on Bluetooth.
2. With the controller powered off, press and hold [X + HOME] simultaneously. LED1 + LED4 will blink, indicating pairing mode.
3. Under Other Devices, select [Xbox Wireless Controller].
4. Once connected, LED1 + LED4 will stay solid.

Basic Android Mode

1. Enable Bluetooth Discovery
On your Android device, navigate to Settings → Bluetooth and enable pairing mode.
2. With the controller powered off, press and hold [A + HOME] simultaneously. LED2 + LED3 will flash rapidly, indicating pairing mode.
3. Select Device for Pairing, From the Available Devices list, choose [Gamepad].
4. Upon successful pairing, LED2 + LED3 will illuminate steadily.
Important Notes:
1. A Type-C to USB-A (female) OTG adapter cable (must be purchased separately).
2. Compatibility Notice: Only games with native controller support are playable on Android platforms.

How to Configure Turbo & Auto Turbo Functions

Turbo Function (Manual Rapid-Fire)
When enabled, holding the assigned button will activate continuous rapid-fire.
Example: In a shooting game, Before setup: Each press fires once. After setup, Hold to fire repeatedly without releasing.
Auto Turbo Function (Automatic Rapid-Fire)
When enabled, the controller will automatically trigger rapid-fire without needing to hold the button.
The following buttons can be assigned to Turbo or Auto Turbo functions:
A/B/X/Y/L/Z/L/R/Z/R

Turbo Mode Configuration

Enabling Turbo:
Press and hold the target button while holding, press the [Turbo] button once.
Buttons with Turbo Function Enabled:
A/B/X/Y/L/Z/L/R/Z/R + ①
Turn Off Auto Turbo:
Method 1:
Hold the assigned auto-turbo button, then press [Turbo] once.
Button with auto-turbo mode enabled:
A/B/X/Y/L/Z/L/R/Z/R + ① + ②
Adjusting Turbo Fire Rate (Turbo Speed)
The controller offers 3 adjustable Turbo speed settings:
5 shots/sec → 10 shots/sec → 15 shots/sec
Adjustment Method:
Increase speed: Press & hold [Turbo] + Push right stick upward.
Decrease speed: Press & hold [Turbo] + Push right stick downward.
*Defaults to mid-rate (10 shots/sec). When Turbo mode is active, the channel indicator LED will blink at the currently set fire rate.

Adjusting Controller Vibration Intensity

The controller offers 4 adjustable vibration levels:
100% → 75% → 50% → 0% (Off)
Adjustment Method:
Increase vibration: Hold [Turbo] + Push left stick upward.
Decrease vibration: Hold [Turbo] + Push left stick downward.
Notes:
1. Default factory setting: 75% vibration intensity
2. Custom vibration settings are retained after power-off.
Macro Programming Function
This controller supports two macro modes for custom button combinations, enabling:
Combo Chains (Mode 1): Records button sequences with precise timing intervals (optimal for fighting game combos).
Simultaneous Press (Mode 2): Triggers multiple buttons at once (ideal for quick skill activation).
One-Touch Combo Setup
Programmable Buttons:
D-Pad (Up/Down/Left/Right) / A / B / X / Y / ZL / ZR / L / R / Left Stick (Up/Down/Left/Right) / Right Stick (Up/Down/Left/Right) / L3 (Left Stick Press) / R3 (Right Stick Press)
Factory Defaults:
M1: Defaults to A button M2: Defaults to B button
Programming Steps
1. Enter Macro Mode: Simultaneously press M1 (or M2) + (+) button to activate programming. Motor vibrates & mode LED blinks slowly.
2. Press buttons in your desired sequence. LED blinks rapidly after each successful input.
3. Changing Static Colors (In Static Color Mode, press LIGHT + L3 to switch colors).
Simultaneous Trigger Setup
Programmable Buttons:
D-Pad (Up/Down/Left/Right) / A / B / X / Y / ZL / ZR / L / R / L3 (Left Stick Press) / R3 (Right Stick Press)
1. Programming Guide: Activate Macro Mode. Press and hold M1 or M2 + (+) button simultaneously. Mode LED blinks slowly.
2. Record Button Combinations: Press the action buttons to be programmed in sequence (e.g., D-Pad Right + A + R). LED blinks rapidly upon successful recording.
3. Save Macro: Press the same M1/M2 button again to confirm; LED stays solid.
4. Single-press the programmed M1/M2 to trigger all recorded buttons at once.
Clearing Macro Programming
1. Simultaneously press and hold any macro button (M1 or M2) then press + button (or - button). Channel LED blinks slowly.
2. Press the same macro button (M1/M2) again, LED turns solid (default settings restored).
*Memory Retention: Saved macros persist after power-off.
L3/R3 Button
L3/R3 buttons are activated by pressing down the analog sticks
Reset Function
If the controller freezes or freezes, you can reset it by pressing the reset button on the back of the controller using a pin-like object. This will restore the controller to its default state.
RGB Lighting Effect Settings
1. Press LIGHT + R3 (right stick press) simultaneously to cycle through lighting modes:
Rainbow → Static Color → Breathing → Color Cycle Breathing.
2. Pausing Rainbow Effects: In Rainbow Mode, press LIGHT + L3 (left stick press) to freeze & save the current pattern.
3. Changing Static Colors (In Static Color Mode, press LIGHT + L3 to switch colors).

3D Joystick Calibration

Joysticks show input errors (e.g., drift/unresponsive movements). Calibration Steps (Nintendo Switch)
From Switch Home Menu, select:
1. System Settings (gear icon) → Controllers & Sensors → Calibrate Control Sticks
2. Fully rotate the problematic joystick as prompted
3. Press X button to enter calibration mode
4. Follow on-screen instructions until "Calibration Complete" appears
Six-Axis Sensor Calibration
When the controller's motion sensors malfunction, gyroscope recalibration can restore normal functionality. The following methods are available for gyroscope calibration.
Method 1: Console-Assisted Calibration
Home Menu → Settings → Controllers & Sensors → Calibrate Motion Sensors. Place controller flat on a stable surface. Press "+" or "-" button to initiate. Wait for "Calibration Complete" system notification.
Method 2: With controller powered off:
1. Press & hold [A] + [+] + [HOME] for 3 seconds to boot. LED groups alternate blinking.
2. Press [+] button to finalize, all LEDs turn off.
Auto Sleep/Power Management
1. Controller enters sleep mode when the Console screen turns off. No input detected for 5+ minutes (includes button presses and motion sensor activity).
2. Press LIGHT + HOME button: Press & hold HOME button for 5 seconds to power off.
Low Battery Warning
When the controller's battery is running low, the current mode indicator LED will flash rapidly to alert you. If you continue using the controller until the battery voltage drops below 3.35V, the controller will automatically enter sleep mode to protect the battery.

Package Contents

- 1 × Game Controller
- 1 × 0.8m USB Cable (Type-C to USB-A)
- 1 × User Manual

Specification

- Dimensions: Length:150mm, Width:59mm, Height:110mm
- Battery:3.7V 800mAh Lithium Ion Battery
- Charging Voltage/Current:5V/25-100mA
- Working Voltage/Current:3V/25-100mA
- Charging time:About 2.5 Hours
- Standby Current: <9uA (deep sleep mode)
- Battery using time: About 24 Hours

How to use the APP KeyLinker

KeyLinker is an APP that can be used to modify the configuration of the Controller. Such as Changekey, Joystick, Trigger, Motor. Users can modify the configuration of the controller according to their habits. KeyLinker is able to provide 1-to-1 gaming precision that consistently performs in every game you play. It's quick and easy to set up your preferred gaming environment through its wireless smartphone tool while using the controller on Switch/Switch OLED MODE/Switch Lite/PC/Steam Deck, which can be connected to KeyLinker APP simultaneously.
1. Download [KeyLinker] APP from APP Store.
2. Install [KeyLinker] APP and run it.
3. Pair controller with a smartphone

- Turn on Bluetooth on your smartphone settings
- Make sure your controller is awake
- Our controller name will appear on the Detected Device. Bluetooth Name: BLE Controller. Just tap it to pair the smartphone with controller.
- Once paired Bluetooth Name: BLE Controller will appear on the Paired Device

4. Click the Bluetooth Name: BLE Controller to enter into page of modifying the configuration

Left/Right Motor

It is used to adjust the vibration strength of the motor.

Turbo Rapid-Fire

Configurable Turbo Rapid-Fire for Supported Buttons

Other

Operation method:
1. Click calibration, and then follow the prompts to calibrate the sensor
2. You can pull the status bar to set the shutdown time of the controller

For more information

Help for many of KeyLinker's features can be found by clicking the icon on the top-right corner of the page
Update device
In order to prevent mismatch between system and controller. We'll provide upgrading files here to update your controller system Online
Factory reset
After having problems with the controller, resetting your controller to its factory defaults erases all settings.

Joystick

It is used to adjust the effective range of joystick.

Trigger

Allows customization of the trigger's actuation distance for optimal gameplay responsiveness

FCC Caution

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
Reorient or relocate the receiving antenna.
Increase the separation between the equipment and receiver.
Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
Consult the dealer or an experienced radio/TV technician for help.
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.