MAYFLASH MAGIC NS 2

MAYFLASH Magic NS 2 Wireless Bluetooth USB Adapter Instruction Manual

Model: MAGIC NS 2

PRODUCT OVERVIEW

The MAYFLASH Magic NS 2 is a multi-platform wireless adapter designed to enhance your gaming experience by allowing you to use a wide range of Bluetooth and wired USB controllers with various systems. This adapter provides seamless connectivity and supports advanced features like 6-axis motion, vibration, Turbo, and Auto Fire.

Key Features:

- **Broad Controller Compatibility:** Supports PS5/PS4/PS3, Xbox Series X|S, Xbox One Bluetooth, Xbox Elite Wireless Series 2, Switch Pro, Switch Joy-Con, Wii Remote, Wii U Pro, and various wired USB controllers.
- **Wide System Compatibility:** Works with Nintendo Switch, Switch 2, Steam Deck, PC (Windows), Raspberry Pi, PS3, PS Classic, NEOGEO mini, SNK NEOGEO Arcade Stick PRO, SEGA Genesis Mini, SEGA Mega Drive Mini, and Sega Astro City Mini.
- **Enhanced Gaming Functions:** Includes support for 6-axis motion (gyroscope) and adjustable rumble on Switch/Switch 2, Xinput, and PS3.
- **Customizable Controls:** Features adjustable vibration intensity (7 levels), dead zone settings, and 3 Turbo speeds for personalized gameplay.
- **Audio Support:** Supports Bluetooth headsets on Nintendo Switch (LED Red mode).
- **Lag-Free Experience:** Engineered for responsive, lag-free performance.
- **Included Accessories:** Comes with a customized high-quality USB Type-C cable.

SETUP GUIDE

1. Adapter Overview and Mode Selection

The Magic NS 2 adapter features a USB-A connector for host devices and a USB-A port for wired controller connections. A small button on the side allows you to switch between different operating modes, indicated by an LED light.

Image: MAYFLASH Magic NS 2 adapter with labeled LED indicators for various compatibility modes.

To change the mode, press and hold the button on the side of the adapter for 3-5 seconds until the LED changes color. Each color corresponds to a different system or input type:

- **Red LED:** Nintendo Switch (does not support 6-axis motion or vibration)
- **Purple LED:** Nintendo Switch Pro (supports 6-axis motion and vibration)

- **Blue LED:** PS3 / Dinput / Raspberry Pi
- **Green LED:** Xinput / Raspberry Pi / Steam Deck
- **Yellow LED:** NEOGEO mini
- **White LED:** SEGA Genesis Mini / Mega Drive Mini
- **Cyan LED:** macOS

2. Connecting to Nintendo Switch (Handheld Mode)

To use the adapter with your Nintendo Switch in handheld mode, you will need the included USB Type-C cable. Connect the USB-C end to your Switch and the USB-A end to the Magic NS 2 adapter.

Image: Connecting the Magic NS 2 to a Nintendo Switch in handheld mode using the provided USB-C cable.

Ensure the adapter is set to the appropriate Switch mode (Red or Purple LED) before pairing your controller.

3. Connecting to Nintendo Switch (Docked Mode) or PC

For docked Nintendo Switch or PC connections, simply plug the Magic NS 2 adapter directly into an available USB-A port on your dock or computer.

MAYFLASH MAGIC-NS 2 System&Controllers Compatibility

Legend: Ⓑ = Bluetooth Connection, Ⓦ = Wired USB Connection

Controllers \ System	Switch / Switch Oled / Switch Lite		PlayStation 3		Windows		Steam Deck		Raspberry Pi		macOS		NEOGEO mini / NEOGEO Arcade Stick PRO		SEGA Genesis Mini / SEGA Mega Drive Mini / Sega Astro City Mini	
	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ
DualSense / DualShock 4	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ
DualShock 3	Ⓑ	Ⓦ			Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ
Xbox One 2.4G Wireless Controller Model 1537	Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ	
Xbox One S/X Xbox Series S/X Wireless Controllers	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ
Xbox Elite Wireless Controller Series 1	Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ	
Xbox Elite Wireless Controller Series 2	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ
Xbox Core Wireless Controller Model 1914	Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ	
Switch Pro			Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ	Ⓑ	Ⓦ
Switch Joy-Con				Ⓦ		Ⓦ		Ⓦ		Ⓦ		Ⓦ		Ⓦ		Ⓦ
Wii U Pro		Ⓦ		Ⓦ		Ⓦ		Ⓦ		Ⓦ		Ⓦ		Ⓦ		Ⓦ
Wii Remote+Nunchuck		Ⓦ		Ⓦ		Ⓦ		Ⓦ		Ⓦ		Ⓦ		Ⓦ		Ⓦ
PS Classic Mini Controller	Ⓑ		Ⓑ		Ⓑ		Ⓑ				Ⓑ		Ⓑ		Ⓑ	
SEGA MEGA DRIVE Mini USB Controller	Ⓑ		Ⓑ		Ⓑ		Ⓑ				Ⓑ		Ⓑ			
SEGA Genesis Mini USB Controller	Ⓑ		Ⓑ		Ⓑ		Ⓑ				Ⓑ		Ⓑ			
SEGA Astro city mini controller	Ⓑ		Ⓑ		Ⓑ		Ⓑ				Ⓑ		Ⓑ			
Logitech rumble gamepad F510 and F310	Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ	
ASTRO Gaming C40 TR Controller PlayStation 4	Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ	
Razer PS4 Controller RAIJU ULTIMATE RZ06-0260	Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ	
Razer Xbox One Controller WOLVERINE RZ06-0199	Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ		Ⓑ	
Headset support	✓										✓					
Motion Control / Gyro-Six-axis	Supported for the wired and wireless connection for the DualShock & DualSense on Switch system (LED is Purple)															
Rumble (Based on the controller which has the rumble feature)	✓		✓		✓		✓		✓		✓		✓		✓	

Note: Ⓑ Bluetooth Connection   Ⓦ Wired USB Connection

Image: Magic NS 2 adapter connected to a PC, ready for controller pairing.

4. Pairing a Bluetooth Controller

1. Plug the Magic NS 2 adapter into your desired system (Switch, PC, etc.).
2. Press the button on the side of the adapter for 3-5 seconds to select the correct mode (e.g., Purple LED for Switch Pro mode). The LED indicator will blink quickly.
3. Turn on your Bluetooth controller and press its SYNC button to enter pairing mode.
4. Wait for the LED indicator on the adapter to become solid, indicating a successful connection.

Your browser does not support the video tag.

Video: Demonstrates how to connect a PS5 controller to a PC using the Magic NS 2 adapter. The video shows selecting the adapter mode and then syncing the controller until the LED becomes solid, followed by gameplay.

5. Pairing a Bluetooth Headset (Switch Mode)

The Magic NS 2 supports Bluetooth headsets when the adapter is in Nintendo Switch mode (Red LED).

1. Plug the Magic NS 2 adapter into your Nintendo Switch dock or console (with USB-C adapter).

2. Ensure the adapter is in Red LED mode (Switch mode). Press the pair button on the side of the adapter; the LED will start blinking rapidly.

3. Power on your Bluetooth headset and put it into pairing mode.

4. Wait for the LED on the adapter to become solid, indicating a successful connection.

Your browser does not support the video tag.

Video: Illustrates the process of connecting a Bluetooth headset to the Nintendo Switch via the Magic NS 2 adapter. It shows activating pairing mode on both the adapter and the headset until a solid connection is established.

OPERATING INSTRUCTIONS

1. Adjusting Vibration Intensity

The Magic NS 2 allows you to adjust the vibration intensity of your connected controller. There are 7 levels of vibration intensity, with 100% as the default.

1. Press and hold the R1/RB and R3 buttons on your controller for 3-5 seconds until the controller continuously rumbles.

2. To modify the vibration intensity, press the D-Pad "Up" or "Down".

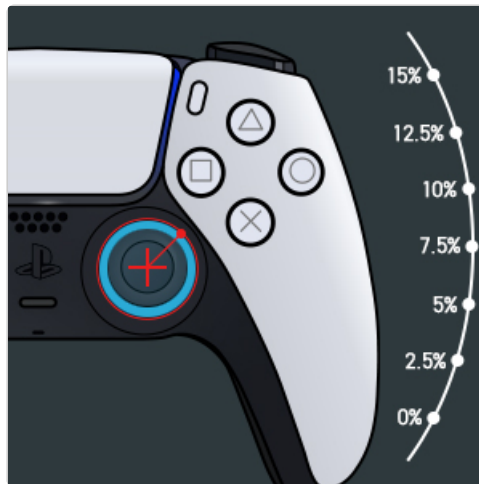3. Release the R1/RB and R3 buttons to save the setting.

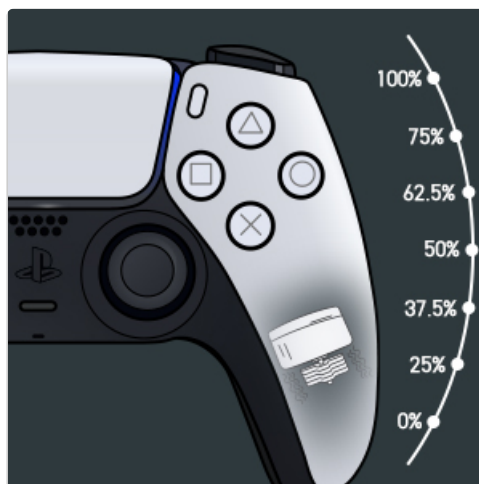Image: Controller button combination for adjusting vibration intensity.

Image: Visual representation of the 7 vibration intensity levels.

2. Adjusting Dead Zone

The dead zone of the analog sticks can also be adjusted to 7 levels.

1. Press and hold the L1/LB and L3 buttons on your controller for 3-5 seconds until the controller continuously rumbles.

2. To modify the dead zone, press the D-Pad "Up" or "Down".

3. Release the L1/LB and L3 buttons to save the setting.

Image: Visual representation of the 7 dead zone adjustment levels.

3. Turbo and Auto Fire Functions

The adapter supports Turbo and Auto Fire functions with 3 adjustable speeds. Refer to the official MAYFLASH website for detailed instructions on configuring these features for specific controllers.

4. Button Mapping

The buttons A, B, X, Y can be exchanged to match your preferred layout. This is particularly useful when using an Xbox controller on a Nintendo Switch, where the A/B and X/Y buttons are typically swapped.

Image: Example of button remapping for Xbox controllers on Nintendo Switch.

MAINTENANCE

Firmware Updates

To ensure optimal performance and compatibility with the latest controllers and systems, it is crucial to regularly update the firmware of your MAYFLASH Magic NS 2 adapter. Firmware updates can resolve compatibility issues and introduce new features.

- Visit the official MAYFLASH website (www.mayflash.com) to download the latest firmware.
- Follow the instructions provided on the website for the update process. Typically, this involves connecting the adapter to a PC and running the update tool.
- If you experience issues with Xbox Series S/X controllers, ensure your controller is updated to the latest version.
- For PS5 DualSense Edge Controller issues, update the adapter to the latest firmware.

TROUBLESHOOTING

- **Controller Not Connecting:**

  - Ensure the adapter is set to the correct mode (LED color) for your system.
  - Verify both the adapter and your controller are in pairing mode.
  - Update the adapter's firmware to the latest version.
  - For Xbox controllers, ensure the controller's firmware is not too new (some newer firmware versions may require specific adapter updates or reverting controller firmware to an older version for compatibility).

- **Issues on Nintendo Switch:**

  - Reboot your Switch console twice if you encounter persistent issues.
  - Ensure "Pro Controller Wired Communication" is enabled in the Switch system settings (System Settings > Controllers and Sensors > Pro Controller Wired Communication).

- **No 6-axis Motion or Vibration:**

  - Ensure the adapter is in Switch Pro mode (Purple LED) for Nintendo Switch to support these features.

- **Controller Disconnects Frequently:**

  - Ensure there are no obstructions between the controller and the adapter.
  - Check for interference from other wireless devices.
  - Update firmware for both the adapter and the controller.

SPECIFICATIONS

Feature	Detail
Product Dimensions	2.87 x 0.83 x 0.31 inches (73 x 21 x 8.7 mm)
Item Weight	1.45 ounces (11g)
Item Model Number	MT-010091
Manufacturer	MAYFLASH
Connector Type	USB Type-A (Host), USB Type-A (Pass-through for wired controllers)
Color	Black
Power Input	5V / 500mA

Warranty and Support

For warranty information, technical support, and the latest firmware updates, please visit the official MAYFLASH website:

www.mayflash.com

Regularly checking the website for updates is recommended to ensure the best performance and compatibility with new controllers and systems.

Related Documents - MAGIC NS 2

	[MAYFLASH PS5 Adapter: Connect PS4/PS5 Controllers to Joysticks & FPS Adapters](#) Enhance your gaming experience with the MAYFLASH PS5 Adapter. This device allows you to connect wired PS4/PS5 controllers to joysticks and FPS gaming adapters for both PS4 and PS5 consoles. Features plug-and-play functionality and easy firmware updates.
	[Mayflash MAGIC-X USB Wireless Adapter User Manual](#) User manual for the Mayflash MAGIC-X USB Wireless Adapter, detailing its compatibility, setup, and advanced functions for connecting various controllers to multiple gaming systems.
	[Mayflash Magic NS Controller Adapter Quick Start Guide](#) A comprehensive quick start guide for the Mayflash Magic NS Wireless Bluetooth Controller USB Adapter, detailing setup for Nintendo Switch, PC, and PS3 with various controllers, LED indicators, mode switching, and software updates.
	[Mayflash MAGIC-S PRO 2 USB Wireless Adapter User Manual and Guide](#) Comprehensive user manual for the Mayflash MAGIC-S PRO 2 USB Wireless Adapter, detailing system compatibility, controller setup, advanced features like vibration and dead zone adjustment, software updates, and FCC compliance.
	[Mayflash MAGIC-NS Lite USB Wireless Adapter User Manual](#) Comprehensive user manual for the Mayflash MAGIC-NS Lite USB Wireless Adapter, covering setup, system and controller compatibility, mode switching, advanced features like vibration and dead zone adjustment, firmware updates, and troubleshooting.
	[MAYFLASH MAGIC-NS Lite USB Wireless Adapter User Manual](#) User manual for the MAYFLASH MAGIC-NS Lite, a USB wireless adapter that enables connection of various Bluetooth controllers to Nintendo Switch, PC, PlayStation 3, macOS, and other systems. Includes setup, compatibility, mode switching, vibration, and dead zone adjustments.