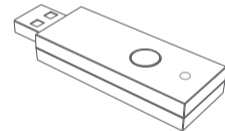


# MAGIC-NS Lite

## USB Wireless Adapter



User manual

### MAGIC-NS Lite

Connect your Bluetooth controllers to your Switch, PC Windows, macOS, PS3, NEOGEO mini, NEOGEO Arcade Stick Pro, SEGA MEGA DRIVE mini, SEGA Genesis Mini, SEGA Astro City Mini, Raspberry Pi entertainment system.

If you find any issues or have any difficulty operating the device, please reach out to us at [info@mayflash.com](mailto:info@mayflash.com) and we will be more than happy to help you out. Update to the latest firmware at [www.mayflash.com](http://www.mayflash.com)

### Includes

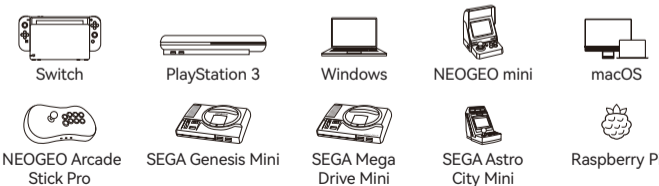


MAGIC-NS Lite



Manual

### System Compatibility



### Controller Compatibility

#### Bluetooth Controllers

DualSense, DualShock 4, Xbox Series X/S, Xbox One Bluetooth controllers, Xbox Elite Wireless Controller Series 2, Switch Pro, Switch Joy-Con, Wii Remote, Wii U Pro. (MAGIC-NS Lite is not compatible with DualShock 3)

### Quick Start Guide

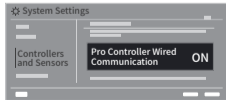
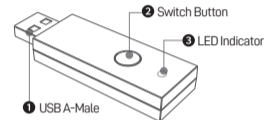
#### 01 USB A-Male

Connect the adapter to your game console.

#### 02 LED Indicators

| System mode   | Switch | Switch Pro | PS3/Raspberry Pi/ PC (Dinput) | Raspberry Pi/ PC (Xinput) | NEOGEO Arcade Stick Pro/ NEOGEO mini | macOS  | SEGA MEGA DRIVE Mini/ SEGA Genesis Mini/ SEGA Astro City Mini |
|---------------|--------|------------|-------------------------------|---------------------------|--------------------------------------|--------|---|
| LED Indicator | ● Red  | ● Purple   | ● Blue                        | ● Green                   | ● Yellow                             | ● Cyan | ● White   |

- \* LED Indicator blinks slowly: The Bluetooth is not connected yet.
- \* LED Indicator blinks quickly: The Bluetooth is Pairing.
- \* LED Indicator becomes solid: The connection is successful.
- \* Switch Pro mode (LED is purple): Go to System Setting > Controller and Sensors > Turn on Pro Controller Wired Communication.
- \* Bluetooth headset only works for Switch mode (LED is red).



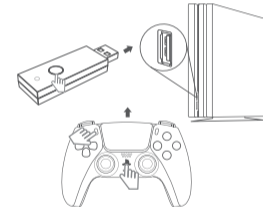
#### 03 Button on the top of the adapter

- 1 Press the button shortly to pair the controllers and the adapter. The indicator blinks quickly.
- 2 To switch the modes, press and hold the button on the top of the adapter for 3-5 seconds.



#### 04 Bluetooth Controllers Set Up

- 1 Connect the adapter into any spare USB port on your game console.
- 2 To switch the modes, press and hold the button on the top of the adapter for 3-5 seconds. The LED indicator blinks slowly.
- 3 Turn on the Bluetooth controller, press the Button on the top of the adapter, and then press the pair button on your Bluetooth controller. The LED indicator blinks quickly.
- 4 LED indicator becomes solid when connection is successful.



1. Disable or turn off any Bluetooth device (like your Smart TV or Set Top Box etc.) within range of the controller.
2. Turn off your Xbox Series S/X controller and turn it on again.
3. Pair your Xbox Series S/X controller with MAGIC-NS Lite again by pressing the button on the adapter and pair button on your controller (LED indicator blinks quickly). The pairing process may take a few seconds. Please be patient! The connection may be disconnected shortly and then connected again during the pairing process. Please wait patiently until the LEDs stop blinking.
4. The LED indicator becomes solid when connection is successful.

### Modify the Vibration Intensity

- 1 Press and hold the Button R1/RB and R3 for 3-5 seconds until the controller keeps rumbling. (Please keep holding these two buttons until you finish the below whole process).
- 2 To modify the vibration intensity, press the D-Pad "Up" or "Down".
- 3 To quit the modification, release any button of R1/RB or R3 once you've got your preferred vibration intensity.
- 4 There are 7 levels of the vibration intensity. The default one is 100%.

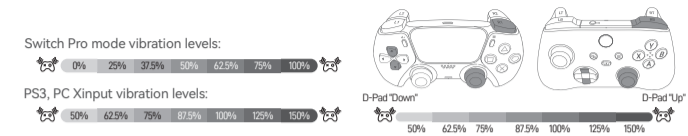
Note:

- \* If you are having the issues connecting a Xbox Series S/X or Xbox Elite 2 controller to the MAGIC-NS Lite, this is what we recommend:



[www.mayflash.com](http://www.mayflash.com)

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.



## Adjust the Dead Zone

- Press and hold the Button START and D-Pad Left or D-Pad Right. Once the LED on the adapter starts to blink, you may release the Button D-Pad Left or D-Pad Right, BUT keep holding the Button START.
- To increase or decrease the dead zone, press the D-Pad “Up” or “Down”.
- As soon as you get the right dead zone value, you may release the Button START to quit the process.
- There are 7 levels of the Dead Zone Value. The default one is Level 3.



## Using Bluetooth Headset (Only for Switch mode / LED Red)

- Power on your Bluetooth headset to enter into the pairing mode.

- Press the pair button on the top of the adapter, LED starts to blink rapidly, wait for a few seconds.
- LED becomes solid when the connection is successful.

Note:  
\* Switch mode (LED is Red) does not support 6-axis motion and vibration. If you need the 6-axis motion and vibration, please go to Switch Pro mode (LED is Purple).

## Update the Software

If you are having problems with the adapter, you can follow the below instructions to update.

- Download the software from <http://www.mayflash.com/Support> and install it on your Windows system.
- Double click on the updater and leave the updater window open on your screen.
- Press and hold the button on the side of the adapter, and connect the USB from your adapter into any spare port on your PC. Wait for 3-5 seconds.
- As soon as the adapter has been recognized, you may release the button.
- Select “Update”.
- Do not disconnect the device until you are informed that the update is completed successfully.



## Additional Functions

- Only one Bluetooth controller is supported for one adapter.
- To switch A-B,B-A,X-Y,Y-X, press and hold the button “START” and “A” for 3 seconds.To switch A-A, B-B, X-X, Y-Y, press and hold the button “START” and “B” for 3 seconds. (This function is optional. It depends on the different controllers.)
- The Touch Pad button on the PS4 Controller works as the Capture button of the Joy-Con or Switch Pro controller when you connect your PS4 controller to the Switch system by the adapter. Please see more details about the other controllers on the below “Controllers Buttons Table”.
- To disconnect the controller and the adapter, press the button on the top of the adapter. But if you want to disconnect the Xbox Elite 2 and the adapter, you need to press and hold the HOME button on your controller to shut off the power.
- The adapter can remember up to 6 paired wireless controllers. But if your controller is a BLE device like Xbox Series X/S, then the adapter can only remember one.



|                            |   |   |   |   |                |               |          |           |                    |                     |          |               |            |                    |                     |           |                    |
|----------------------------|---|---|---|---|----------------|---------------|----------|-----------|--------------------|---------------------|----------|---------------|------------|--------------------|---------------------|-----------|--------------------|
| PS5 DualSense              | ⊗ | ⊙ | ⊠ | △ | L1             | R1            | ⓧ Create | ⊖ OPTIONS | L3                 | R3                  | LS       | RS            | ⌕ POV      | L2                 | R2                  | Ⓜ PS      | Pressing Tpad      |
| DualShock 4                | ⊗ | ⊙ | ⊠ | △ | L1             | R1            | ⓧ SHARE  | ⊖ OPTIONS | L3                 | R3                  | LS       | RS            | ⌕ POV      | L2                 | R2                  | Ⓜ PS      | Pressing Tpad      |
| PS3                        | ⊗ | ⊙ | ⊠ | △ | L1             | R1            | ⊖ SELECT | ⊖ START   | L3                 | R3                  | LS       | RS            | ⌕ POV      | L2                 | R2                  | Ⓜ PS      | ⊖ SELECT + ⊖ START |
| Switch Pro/Joy-Con         | Ⓟ | Ⓜ | Ⓨ | ⓧ | L              | R             | ⊖        | ⊕         | L3                 | R3                  | LS       | RS            | ⌕ POV      | ZL                 | ZR                  | Ⓜ HOME    | ⊖ + ⊕ or ⊠         |
| Xbox Series X/S(Xbox One)  | Ⓜ | Ⓟ | ⓧ | Ⓨ | LB             | RB            | ⊖ VIEW   | ⊖ MENU    | L3                 | R3                  | LS       | RS            | ⌕ POV      | LT                 | RT                  | ⓧ HOME    | ⊖ VIEW + ⊖ MENU    |
| Xbox 360                   | Ⓜ | Ⓟ | ⓧ | Ⓨ | LB             | RB            | ⓧ BACK   | Ⓨ START   | L3                 | R3                  | LS       | RS            | ⌕ POV      | LT                 | RT                  | ⓧ HOME    | ⓧ BACK + Ⓨ START   |
| PC-Xinput                  | ① | ② | ③ | ④ | ⑤              | ⑥             | ⑦        | ⑧         | ⑨                  | ⑩                   | X/Y Axis | X/Y Circle    | POV        | Z+                 | Z-                  | HOME      |                    |
| PC-Dinput                  | ③ | ② | ④ | ① | ⑤              | ⑥             | ⑨        | ⑩         | ⑪                  | ⑫                   | X/Y Axis | Z Axis Circle | POV        | ⑦                  | ⑧                   | ⑬         |                    |
| Wii U Pro                  | Ⓟ | Ⓜ | Ⓨ | ⓧ | L              | R             | ⊖        | ⊕         | L3                 | R3                  | LS       | RS            | ⌕ POV      | ZL                 | ZR                  | Ⓜ HOME    | ⊖ + ⊕              |
| Wii Classic Pro            | Ⓟ | Ⓜ | Ⓨ | ⓧ | L              | R             | ⊖        | ⊕         |                    |                     | LS       | RS            | ⌕ POV      | ZL                 | ZR                  | Ⓜ HOME    | ⊖ + ⊕              |
| Wii mote + Nunchuck        | ② | Ⓜ | ① | Ⓟ | Ⓨ              |               | ⊖        | ⊕         |                    |                     | LS       |               | ⌕ POV      | Z+                 |                     | Ⓜ HOME    | ⊖ + ⊕              |
| GENESIS mini Controller    | Ⓟ | Ⓜ |   |   |                | Ⓨ             |          | ⊖ START   |                    |                     |          |               | ⌕ POV      |                    |                     |           |                    |
| MEGA DRIVE mini Controller | Ⓟ | Ⓜ | Ⓨ | ⓧ | Ⓨ              | Ⓨ             | Ⓨ MODE   | ⊖ START   |                    |                     |          |               | ⌕ POV      |                    |                     |           |                    |
| macOS                      | ⊗ | ⊙ | ⊠ | △ | L1             | R1            | ⓧ SHARE  | ⊖ OPTIONS | L3                 | R3                  | LS       | RS            | ⌕ POV      | L2                 | R2                  | Ⓜ PS      | Pressing Tpad      |
| NEOGEO mini                | Ⓟ | Ⓜ | Ⓜ | Ⓨ |                |               | ⊖ SELECT | ⊖ START   |                    |                     |          | Ⓜ Joystick    | Ⓜ Joystick |                    |                     |           |                    |
| PS4 Taiko Drum             | ⊗ | ⊙ | ⊠ | △ | L1             | R1            | ⓧ SHARE  | ⊖ OPTIONS | Beat the Drum Left | Beat the Drum Right |          |               | ⌕ POV      | Beat the Drum Left | Beat the Drum Right | Ⓜ PS      |                    |
| Switch Taiko Drum          | Ⓟ | Ⓜ | Ⓨ | ⓧ | L              | R             | ⊖        | ⊕         | Beat the Drum Left | Beat the Drum Right |          |               | ⌕ POV      | Beat the Drum Left | Beat the Drum Right | Ⓜ HOME    | Ⓨ Capture          |
| NEOGEO Arcade Stick PRO    | Ⓟ | Ⓜ | Ⓜ | Ⓨ | Ⓨ White Button | Ⓨ Gray Button | ⊖ SELECT | ⊖ START   |                    |                     |          |               | Ⓜ Stick    | Ⓨ White Button     | Ⓨ Gray Button       | Ⓨ Options |                    |

Changes or modifications not expressly approved by the party responsible for compliance could void your 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.

