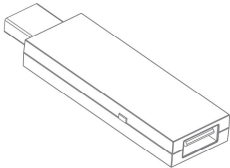


MAGIC-S Ultimate

USB Wireless Adapter



User manual

MAGIC-S Ultimate

USB Type C Cable

Manual

Switch

PlayStation 4

PlayStation 3

Windows

NEOGEO mini

macOS

NEOGEO Arcade Stick Pro

PS Classic Mini

SEGA Genesis Mini

SEGA Mega Drive Mini

SEGA Astro City Mini

Raspberry Pi

Controller Compatibility

Bluetooth Controllers

DualSense, DualShock 4, DualShock 3, Xbox Series X/S, Xbox One Bluetooth controllers, Xbox Elite Wireless Controller Series 2, Switch Pro, Switch Joy-Con, Wii Remote, Wii U Pro.

Wired USB Controllers

Quick Start Guide

01 USB A-Male

02 USB A-Female

03 LED Indicators

Connect the adapter to your game console.

Connect the wired game controllers to the adapter.

Switch Button

LED Indicator

USB A-Male

USB A-Female

System mode	Switch	Switch Pro	PS4/macOS	PS3/Raspberry Pi/ PC (Output)	Raspberry Pi/ PC (Input)	NEOGEO Arcade Stick Pro/ NEOGEO mini	PS Classic	SEGA MEGA DRIVE Mini/ SEGA Genesis Mini/ SEGA Astro City Mini
LED Indicator	● Red	● Purple	● Blue	● Yellow	● Green	● White	● Cyan	● White

System Settings

Pro Controller Wired Communication ON

* 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 works for Switch mode (LED is red) and PS4 mode (LED is blue).

04 Button on the side of the adapter

05 Bluetooth Controllers Set Up

Press the button shortly to pair the controllers and the adapter. The indicator blinks quickly.

The different game console systems can recognize the adapter automatically. If not, you can press and hold the button on the side of the adapter for 3-5 seconds to switch the mode you need.

Connect the adapter into any spare USB port on your game console.

To switch the modes, press and hold the button on the side of the adapter for 3-5 seconds. The LED indicator blinks slowly.

Turn on the Bluetooth controller, press the Button on the side of the adapter, and then press the pair button on your Bluetooth controller. The LED indicator blinks quickly.

LED indicator becomes solid when connection is successful.

Note:

- If the Bluetooth pairing failed, please connect the Bluetooth controller to the adapter using a USB cable (not included in the packaging, you can purchase it separately). As soon as the controller is identified by the system, you can remove the USB cable and start to pair it again.
- If you are having the issues connecting a Xbox Series S/X or Xbox Elite 2 controller to the MAGIC-S Ultimate, this is what we recommend:
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-S Ultimate 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.

06 Wired Controllers Set Up

Using Bluetooth Headset (For Switch / LED Red and PS4 / LED Blue)

Connect the adapter into any spare USB port on your game console.

Connect the wired controller to the adapter. The wireless controller that comes from your console will become a wired controller by simply connecting a standard USB cable (with exception of Xbox 360 which requires an official Microsoft wired Xbox 360 controller).

Your controller is now ready to use.

Turn on your Bluetooth headset to enter into the pairing mode.

Press the pair button on the side of the adapter, LED indicator starts to blink rapidly, wait for a few seconds.

LED becomes solid when the connection is successful.

Note:

- PS4 mode works with both A2DP(High quality audio signals) and HFP(Audio and chatting) connections. Switch mode only works with A2DP connection.
- To use HFP connection on PS4, press and hold the START + X/□ button on your controller.
- To use A2DP connection on PS4, press and hold the START + Y/△ button on your controller.
- 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).

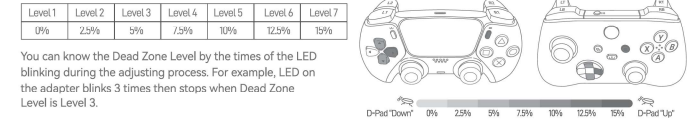
Modify the Vibration Intensity

- 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).
- To modify the vibration intensity, press the D-Pad "Up" or "Down".
- To quit the modification, release any button of R1/RB or R3 once you've got your preferred vibration intensity.
- There are 7 levels of the vibration intensity. The default one is 100%.



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.



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.
- A wired USB controller and a wireless Bluetooth controller can be connected at the same time, but both of them have the same functions and can only play one game character.
- To switch A-B,B-A,X-YY-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 side 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.

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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.

PSS DualSense	×	○	□	△	L1	R1	ⓧ Create	Ⓞ OPTIONS	L3	R3	LS	RS	⬅️ POV	L2	R2	Ⓜ PS	Pressing Tpad
DualShock 4/macOS	×	○	□	△	L1	R1	ⓧ SHARE	Ⓞ OPTIONS	L3	R3	LS	RS	⬅️ POV	L2	R2	Ⓜ PS	Pressing Tpad
DualShock 3	×	○	□	△	L1	R1	Ⓞ SELECT	Ⓞ START	L3	R3	LS	RS	⬅️ POV	L2	R2	Ⓜ PS	Ⓞ SELECT + Ⓞ START
Switch Pro	B	A	Y	X	L	R	○	⬆️	L3	R3	LS	RS	⬅️ POV	ZL	ZR	Ⓞ HOME	⬆️ + ⬆️ or Ⓞ
Joy-Con	D	A	Y	X	L	R	○	⬆️	L3	R3	LS	RS	⬅️ POV	ZL	ZR	Ⓞ HOME	○ + ⬆️ or Ⓞ
Xbox Series X/S	A	B	X	Y	LB	RB	Ⓞ VIEW	Ⓞ MENU	L3	R3	LS	RS	⬅️ POV	LT	RT	ⓧ HOME	Ⓞ VIEW + Ⓞ MENU
Xbox One	A	B	X	Y	LB	RB	Ⓞ VIEW	Ⓞ MENU	L3	R3	LS	RS	⬅️ POV	LT	RT	ⓧ HOME	Ⓞ VIEW + Ⓞ MENU
Xbox 360	A	B	X	Y	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	B	A	Y	X	L	R	○	⬆️	L3	R3	LS	RS	⬅️ POV	ZL	ZR	Ⓞ HOME	⬆️ + ⬆️
Wii Classic Pro	b	a	y	x	L	R	○	⬆️			LS	RS	⬅️ POV	ZL	ZR	Ⓞ HOME	⬆️ + ⬆️
Wii mote + Nunchuck	2	A	1	B	C		○	⬆️			LS		⬅️ POV	Z+		Ⓞ HOME	⬆️ + ⬆️
GENESIS mini Controller	B	A				C		Ⓞ START					⬅️ POV				
MEGA DRIVE mini Controller	B	A	Y	X	Z	C	Ⓞ MODE	Ⓞ START					⬅️ POV				
PS4 Taiko Drum	×	○	□	△	L1	R1	ⓧ SHARE	ⓧ OPTIONS			Beat the Drum Left Beat the Drum Left	Beat the Drum Right Beat the Drum Right	⬅️ POV			Ⓜ PS	
Switch Taiko Drum	B	A	Y	X	L	R	○	⬆️			Beat the Drum Left Beat the Drum Left	Beat the Drum Right Beat the Drum Right	⬅️ POV			Ⓞ HOME	Ⓞ Capture
PS Classic	×	○	□	△	L1	R1	Ⓞ SELECT	Ⓞ START					⬅️ POV	L2	R2		
NEOGEO mini	B	D	A	C			Ⓞ SELECT	Ⓞ START			Joystick		Joystick				
NEOGEO Arcade Stick PRO	B	D	A	C	White Button	Gray Button	Ⓞ SELECT	Ⓞ START			Stick		Stick	White Button	Gray Button	Ⓞ Options	

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 correct the interference by one or more of the following measures:

- Reorient the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into and outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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