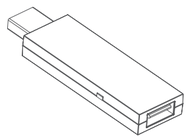
MAGIC-X

USB Wireless Adapter

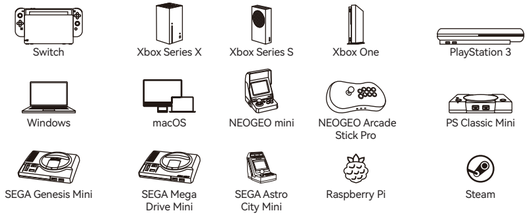


User manual

MAGIC-X

Connect your Bluetooth or wired USB controllers to your Xbox Series X/S, Xbox One, PS3, Switch, PC Windows, macOS, NEOGEO mini, NEOGEO Arcade Stick Pro, PS Classic, SEGA MEGA DRIVE mini, SEGA Genesis Mini, SEGA Astro City Mini, Raspberry Pi, Steam entertainment system.
If you find any issues or have any difficulty operating the device,please reach out to us at info@mayflash.com and we will be more than happy to help you out. Update to the latest firmware at www.mayflash.com

System Compatibility



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

DualSense, DualShock 4, DualShock 3, Xbox Bluetooth Controller, Switch Pro, ASTRO Gaming C40 TR Controller PlayStation 4, PlayStation 4 SCUF Vantage 2 Controller, SEGA MEGA DRIVE and SEGA Genesis Mini USB Controller Pads, Logitech rumble gamepad F510 and F310, PS Classic Controller, Switch Taiko Drum, PS4 Taiko Drum.

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). For best results, it is recommended that you use original Switch Controllers, or genuine Xbox or PlayStation controllers and quality certified USB cables.

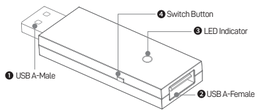
Quick Start Guide

01 USB A-Male

Connect the adapter to your game console.

02 USB A-Female

Connect the wired game controllers to the adapter.



03 LED Indicators

System mode	Switch	Switch Pro	Xbox/macOS	PS3/Raspberry Pi/ PC (Dinput)	Raspberry Pi/ PC/Steam (Xinput)	NEOGEO Arcade Stick Pro/ NEOGED mini	PS Classic	SEGA MEGA DRIVE Mini/ SEGA Genesis Mini/ SEGA Astro City Mini
LED Indicator	Red	Purple	Blue	Yellow	Green	White	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 headsset works for Switch mode (LED is red) and PS4 mode (LED is blue).

04 Button on the side of the adapter

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

❷ 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.

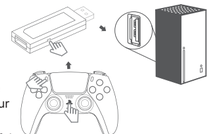
05 Bluetooth Controllers Set Up

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

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

❸ 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.

❹ 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-X, 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-X 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

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

❷ 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).

❸ Your controller is now ready to use.

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

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

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

❸ LED becomes solid when the connection is successful.

Note:

* Xbox 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 Xbox, press and hold the START + X/☐ button on your controller.
* To use A2DP connection on Xbox, 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

❶ 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).

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

❸ To quit the modification, release any button of R1/RB or R3 once you've got your preferred vibration intensity.

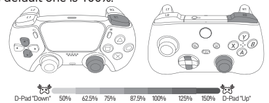
❹ There are 7 levels of the vibration intensity. The default one is 100%.

Switch Pro mode vibration levels:

0% 25% 37.5% 50% 62.5% 75% 100%

PS3, PC Xinput vibration levels:

50% 62.5% 75% 87.5% 100% 125% 150%



Adjust the Dead Zone

❶ 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.

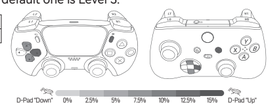
❷ To increase or decrease the dead zone, press the D-Pad "Up" or "Down".

❸ As soon as you get the right dead zone value, you may release the Button START to quit the process.

❹ There are 7 levels of the Dead Zone Value. The default one is Level 3.

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7
0%	2.5%	5%	7.5%	10%	12.5%	15%

You can know the Dead Zone Level by the times of the LED blinking during the adjusting process. For example, LED on the adapter blinks 3 times then stops when Dead Zone Level is Level 3.



Update the Software

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

❶ Download the software from http://www.mayflash.com/Support and install it on your Windows system.

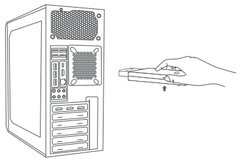
❷ Double click on the updater and leave the updater window open on your screen.

❸ 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.

❹ As soon as the adapter has been recognized, you may release the button.

❺ Select "Update".

❻ Do not disconnect the device until you are informed that the update is completed successfully.



Additional Functions

❶ Only one Bluetooth controller is supported for one adapter.

❷ 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.

❸ 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.)

❹ 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".

❺ 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.

❻ 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.

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.

PS5 DualSense	X	O	□	△	L1	R1	Create	OPTIONS	L3	R3	LS	RS	✥ POV	L2	R2	PS	Pressing Tpad
DualShock 4/macOS	X	O	□	△	L1	R1	SHARE	OPTIONS	L3	R3	LS	RS	✥ POV	L2	R2	PS	Pressing Tpad
DualShock 3	X	O	□	△	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	− + X
Joy-Con	B	A	Y	X	L	R	−	+	L3	R3	LS	RS	✥ POV	ZL	ZR	HOME	− + X
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		✥ POV				
MEGA DRIVE mini Controller	B	A	Y	X	Z	C	MODE	START			✥ POV		✥ POV				
PS4 Taiko Drum	X	O	□	△	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	B	A	Y	X	L	R	−	+	Beat the Drum Left	Beat the Drum Right			✥ POV	Beat the Drum Left	Beat the Drum Right	HOME	Capture
PS Classic	X	O	□	△	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	White Button	Gray Button	Options	

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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.

FCC Statement: 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.

ISED Statement:This device complies with Part 15 of FCC Rules [and contains license-exempt transmitter(s) that comply with innovation , Science and Economic Development Canada's licence-exempt RSS Standar(s)]. Operation is subject to the following two conditions: (1) This device may not cause interference; and
(2) This device must accept any interference received, including interference that may cause undesired operation
The digital apparatus complies with Canadian CAN ICES 3 (B)/NMB 3(B).
This device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian information on RF exposure and compliance.
This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.
French: L'émetteur/recepteurexempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développementéconomique,Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
l'appareil numérique du ciem conforme canadien peut 3 (b) / nmb 3 (b).
cet appareil est conforme à l'exemption des limites d'évaluation courante dans la section 2.5 du cnr - 102 et conformité avec rss 102 de l'exposition aux rf, les utilisateurs peuvent obtenir des données canadiennes sur l'exposition aux champs rf et la conformité.