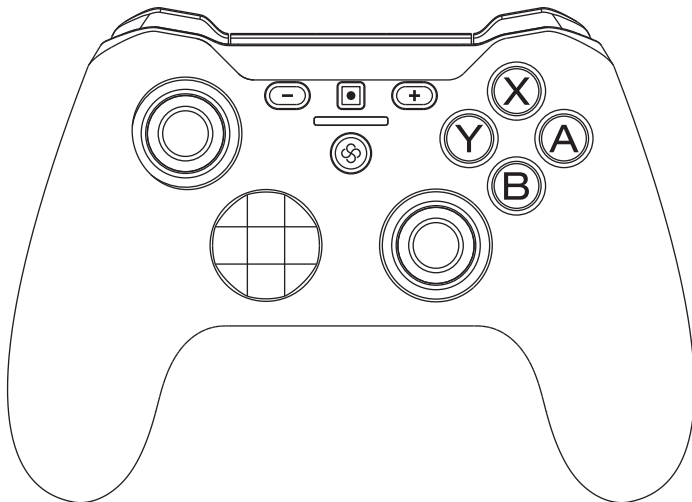










WIRELESS CONTROLLER H510 USER MANUAL



Please visit sunwaytek.com for specifications and support.

Quick Start

▼ Platform Compatibility














							
Wireless 	○	○	○	○	○	○	○
Wired 	○		○		○		
Motion Control	○						

¹ Starting with iOS 13, iPadOS 13, tvOS 13, and macOS Catalina.

² Not for TV.

³ Untested.

▼ Keymapping Profiles

					
	A	B	B	B	
	B	A	A	A	
	X	Y	Y	Y	
	Y	X	X	X	
	-	select	back	view	
	+	start	start	menu	
	capture				
	home	home	Xbox button	Xbox button	

※ For Android, Steam, Stadia, if connect as Switch Pro Controller, please refer to Switch profile.

※ Fire devices may support all the 4 types of profiles depending on the pair method.

※ ABXY caps are removable for reposition as Switch or Xbox layout.















▼ Pair & Connect

Pair refers to the first time sync with the device.

If wirelessly paired with a 2nd device thereafter, the stored info of the 1st device will be erased, new pairing has to be done when back to the 1st device.

Connect refers to the operation linking to an ever paired device, whose device info has been stored in the controller automatically.

- ※ Pair methods listed here are the typical to each platform. Read the following guides for more options.
- ※ Fire devices may support all the 4 pairing methods.

	WIRELESS					WIRED	
	Operation						
Pair*	Press and hold for 2 sec	 + 	 + 	 + 	 + 	Plug in via USB	
Connect	Press and hold for 1 sec						
Disconnect	Option 1 - Force Sleep: press and hold Home button for 5 sec. Option 2 - Auto Sleep: leave the controller without operation in 5 min. Option 3 - Passive Sleep: Disconnect from the connected device side.						Unplug

▼ Charge the battery

Charge via type C USB cable on DC power supplies (output Voltage 5V, current ≥ 250mA), including but not limited to:

- mobile phone charger
- Switch dock
- USB port of computer
- others with USB electricity output, like power bank, etc.

The controller supports playing during charging. The 4 LED lights stay lit once full charged.

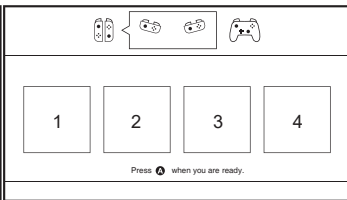
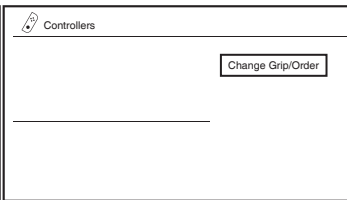
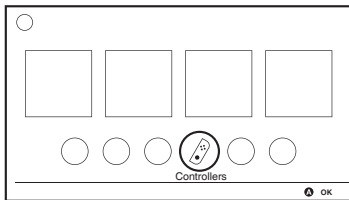
⚠ WARNING: Battery Safety

Do not connect to high voltage outlets.

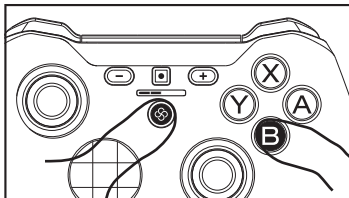
Use only approved charger and cord.

Remove the battery if they are worn out and dispose of properly.

Connect to Switch

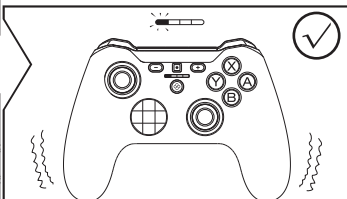


- 1-1** From the HOME screen, select "Controllers", then "Change Grip/Order", enter pairing screen, stay here.
ⓘ Operate by Joy-con, touch, or a paired controller. ⚠ Ignore the instruction on the last screen.

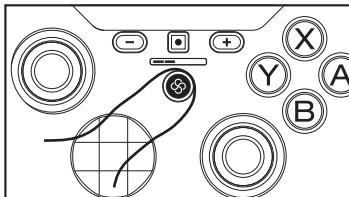


× Pairing need to be done once only. Thereafter, just press Home button to connect, unless the controller was paired with another device via Bluetooth, in which case pairing is required.

× Up to 8 controllers can be paired at the same time to a Nintendo Switch system.

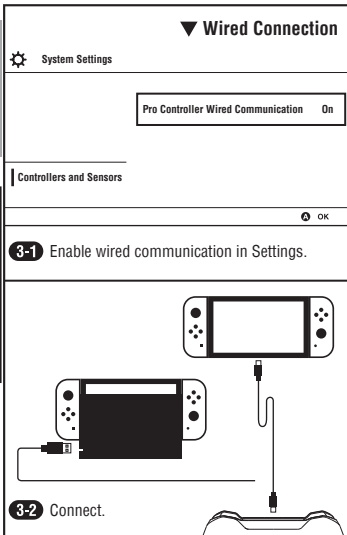


- 1-2** Press and hold + until lights run.



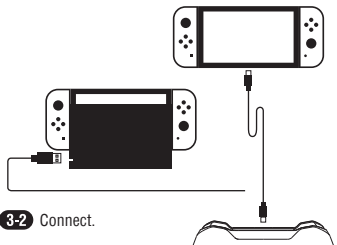
- 2-1** When the console is on (in any screen), press and hold until lights run.

- 1-3 2-2** Once succeed, certain light(s) stays lit.



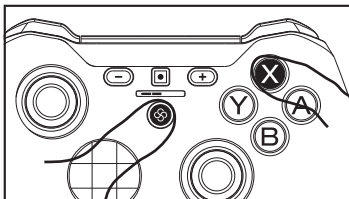
- 3-1** Enable wired communication in Settings.

- 3-2** Connect.

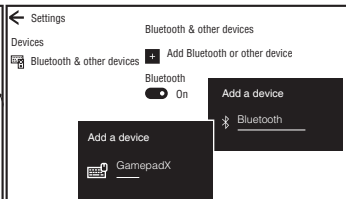


Connect to PC

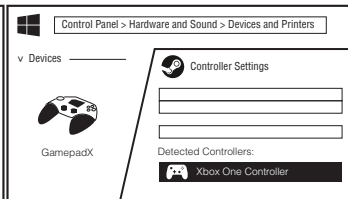
▼ Option 1: Bluetooth (Xinput)



Press and hold + until lights run.

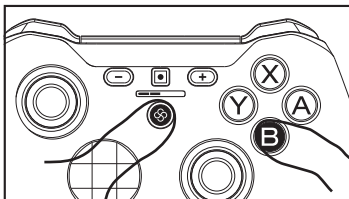


Turn on Bluetooth, add the device "GamepadX".

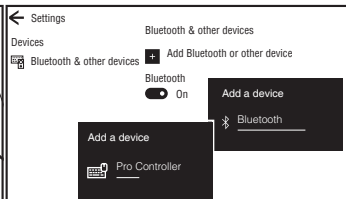


Work as Bluetooth XINPUT device in Windows, and Xbox One Controller in Steam.

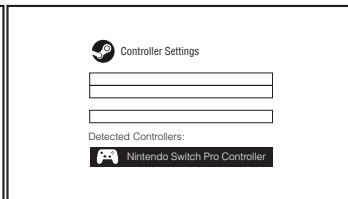
▼ Option 2: Bluetooth (Switch Pro Controller)



Press and hold + until lights run.

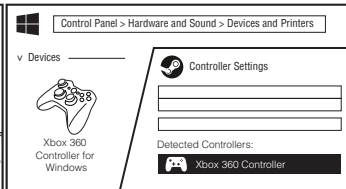
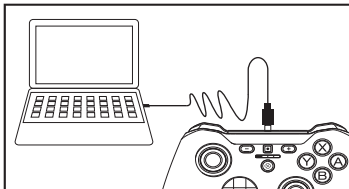


Turn on Bluetooth, add the device "Pro Controller".



Work as Nintendo Switch Pro Controller in Steam. Not work in Windows itself.

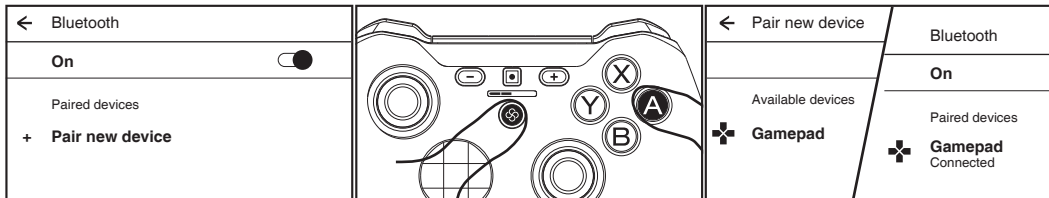
▼ Option 3: USB (Xbox 360 Controller)



⚠ NOTE: To shift connection between option 1 and 2 on a same device, **Remove device** operation should be done to the paired device to avoid conflict.

Connect to Android

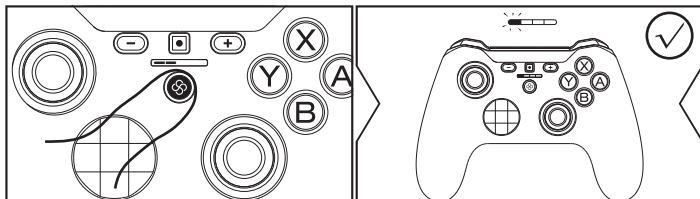
▼ Option 1: Android Gamepad



1-1 Turn on Bluetooth, click "Pair new device".

1-2 Press and hold + until lights run.

1-3 Find the device "Gamepad" to pair.

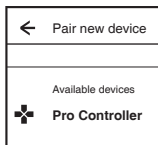


2-1 Press only, to connect with the device ever been paired (ensure Bluetooth is on).

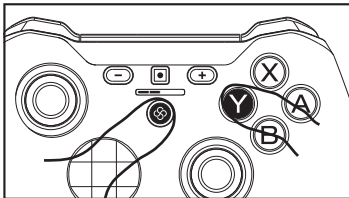
1-4 **2-2** Once succeed, light stays on.

▼ Option 2: Switch Pro Controller

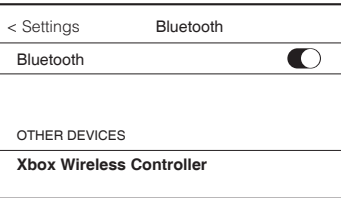
Pairing method for Switch (see **Connect to Switch**) also applies to Android.
The controller will be paired as Switch Pro Controller, work in supported games.



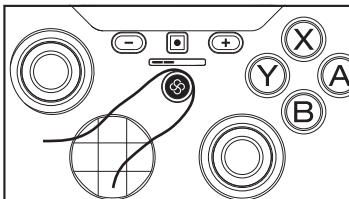
Connect to iOS



Press and hold + until lights run.



Turn on Bluetooth, connect the device "Xbox Wireless Controller". Same on Apple TV and Mac.



Press only, to connect with the device ever been paired (*ensure Bluetooth is on*).

INFO: This pairing mode will pair the controller as Xbox One Controller. Same applies to Google Stadia.

Connect to Fire TV

Amazon Fire OS devices support Nintendo Switch Pro controller, Xbox 360 Controller, Xbox One Controller and Android Gamepad, so all the previously introduced 4 pairing methods may be applicable but not tested on the full product lines.