



arVin TNS-19077 Wired Keyboard and Mouse Converter User Manual

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Arvin TNS-19077 Wired Keyboard and Mouse Converter

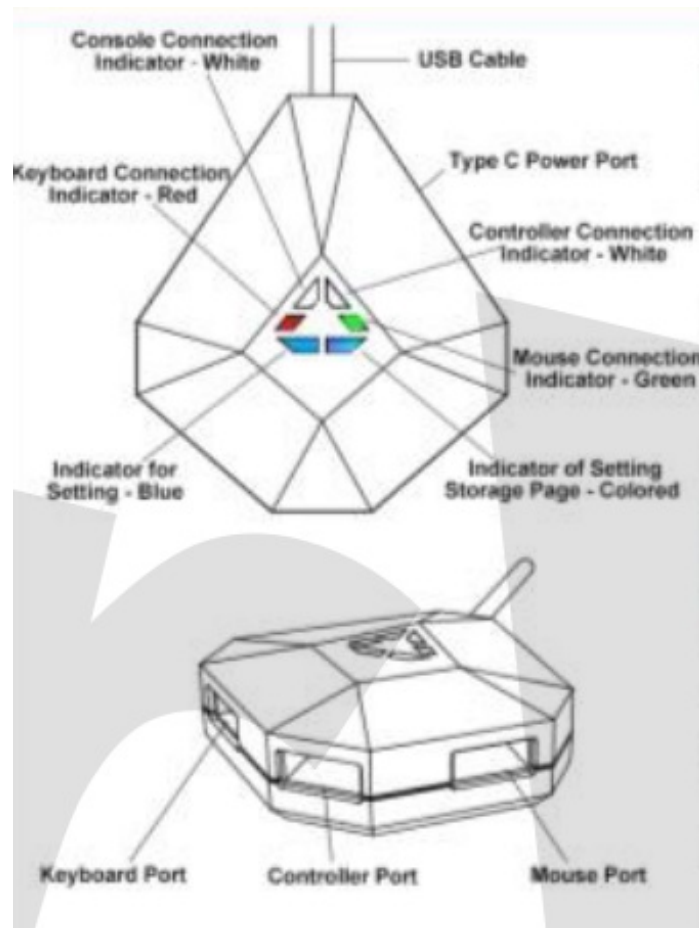


Compatible With Devices & Function

- Sony PlayStation: PS3, PS4, PS4 Slim, PS4 Pro (Not support PS5)
- Microsoft Xbox: Xbox 360, Xbox One, Xbox One S. Xbox One X (Not support Xbox Series S/X)
- Nintendo Switch: Switch, Switch Oled (Not support Switch Lite)
- Only support Wired keyboard and mouse (Not support wireless keyboard and mouse)
- Supports keyboard mapping
- Supports 8 keyboard and mouse keys storage
- Supports mouse sensitivity setting
- Supports mouse cursor Y-axis forward and reverse direction switching

Notices

- Must use the Original controller to connect the converter, third party controller connections are not supported.
- Two extra Type C cables are required for the N-Switch connection (Not included).



N-Switch Connection Guideline

1. Make sure the converter has powered on through "Type C Power Port" (Extra type c cable is required(N included))
2. Open the Switch game console, and click System Settings – 'Controllers and Sensors' – 'Pro Controller Wired Communication' to set to 'on'.
3. Connect the 'USB Cable' of the converter to the US interface of the Switch dock, and the indicator light on the converter White light is on.
4. Connect the Original wired Switch controller to the 'Controller Port of the converter (Extra type c cable is required (Not included)) and the indicator light on the converted White light is on.
5. Connect the Wired keyboard to the 'Keyboard Port' and the converter Red light is on.
6. Connect the Wired mouse to the "Mouse Port', and the converter Green light is on.
7. Now you can use your keyboard and mouse to control the Switch. Press F1 on the keyboard to load the default key setting

PS3, PS4 Connection Guideline

1. Open the PS3/PS4 console, click 'Settings' – Devices' – 'Controllers' – 'Communication Method' – 'Use USB Cable'
2. Connect the 'USB cable' of the converter to the USB Interface of the PS3/PS4 console, and the indicator light on the converter White light is on
3. Connect Original wired PS3/PS4 controller to the 'Controller Port of the converter, (Extra micro usb cable is required (Not included)) and the indicator light on the converter White light is on.

4. Connect the Wired keyboard to the “Keyboard Port’ and the converter Red light is on.
5. Connect the Wired mouse to the “Mouse Port’, and the converter Green light is on.
6. Now you can use your keyboard and mouse to control your PS3/PS4 console. Press F1 on the keyboard to load default keys setting.

Xbox 360, Xbox One Connection Guideline

1. Connect the “USB cable’ of the converter to the USB interface of the Xbox console, and the indicator light on the converter White light is on.
2. Connect the Original wired Xbox controller to the ‘Controller Port of the converter, (Extra cable is required(Not included)) and the indicator light on the converter Whitt light is on.
3. Connect the Wired keyboard to the “Keyboard Port’ and the converter Red light is on.
4. Connect the Wired mouse to the Mouse Port, and the converter Green light is on.
5. Now you can use your keyboard and mouse to control the Xbox console. Press F1 on the keyboard to load the default keys setting.

F1 Default Key Function Instructions (1)

Mouse					
Mouse button	F1				
	Switch	Xbox one	Xbox 360	PS4	PS3
Mouse right button	ZL	L2	L2	L2	L2
Mouse left button	ZR	R2	R2	R2	R2
Mouse side button	/	/	/	/	/
Mouse up	Controller right joystick up	Controller right joystick up	Controller right joystick up	Controller right joystick up	Controller right joystick up
Mouse left	Controller right joystick left	Controller right joystick left	Controller right joystick left	Controller right joystick left	Controller right joystick left
Mouse right	Controller right joystick right	Controller right joystick right	Controller right joystick right	Controller right joystick right	Controller right joystick right
Mouse down	Controller right joystick down	Controller right joystick down	Controller right joystick down	Controller right joystick down	Controller right joystick down

F1 Default Key Function Instructions (2)

Keyboard					
Keyboard keys	F1				
	Switch	Xbox one	Xbox 360	PS4	PS3
Q	L	L1	L1	L1	L1
E	R	R1	R1	R1	R1
1	Directional buttons left	Directional buttons left	Directional buttons left	Directional buttons left	Directional buttons left
2	Directional buttons up	Directional buttons up	Directional buttons up	Directional buttons up	Directional buttons up
3	Directional buttons down	Directional buttons down	Directional buttons down	Directional buttons down	Directional buttons down
4	Directional buttons right	Directional buttons right	Directional buttons right	Directional buttons right	Directional buttons right
6	Directional buttons upper left	Directional buttons upper left	Directional buttons upper left	Directional buttons upper left	Directional buttons upper left
5	Directional buttons upper right	Directional buttons upper right	Directional buttons upper right	Directional buttons upper right	Directional buttons upper right
7	Directional buttons lower left	Directional buttons lower left	Directional buttons lower left	Directional buttons lower left	Directional buttons lower left
8	Directional buttons lower right	Directional buttons lower right	Directional buttons lower right	Directional buttons lower right	Directional buttons lower right
Tab	X	Y	Y	△	△
CTRL	A	B	B	○	○
R	Y	X	X	□	□
Space	B	A	A	*	*

F1 Default Key Function Instructions (3)

W	Left joystick up	Left joystick up	Left joystick up	Left joystick up	Left joystick up
A	Left joystick left	Left joystick left	Left joystick left	Left joystick left	Left joystick left
D	Left joystick right	Left joystick right	Left joystick right	Left joystick right	Left joystick right
F	/	/	/	/	/
SHIFT (lower Left)	L3	L3	L3	L3	L3
LOCK	R3	R3	R3	R3	R3
V	L	L1	L1	L1	L1
B	HOME	Home button (N/A, unable to set)	Left joystick up	Left joystick up	Left joystick up
N	~	View	BACK	SHARE	SELECT
M	~	Menu	START	OPTIONS	START
C (to be determined)	/	/	/	Touchpad buttons (setup)	/

DIY Mapping Keyboard & Mouse Keys

1. Press F11 and F12 simultaneously on keyboard to enter into DIY mapping mode. You will see indicator light on the converter Blue light is on.
2. Press & hold the function key on the controller or push the 3D joystick to the bottom in one direction. Only four direction settings of up, down, left & right are supported and do not release your hand at this point.)
3. Press the button on the keyboard or mouse after the release your hand on controller. This key has setup. (One key only supports one corresponding function.)
4. Repeat step 2 & 3 to set the next key function.
5. After keys have finished setting up. Press F11 & F12 on keyboard simultaneously to exit the setting mode, and the setting indicator will be 'off'.

Clearing the setting of a single key on the page: Press the keys F11+12 on the keyboard simultaneously to enter the setting mode. Press the key function to be cleared(Do NOT press the controller button), and then press F11+F12 to exit the setting mode.

Store Different Keyboard & Mouse Keys

- The converter supports setup and store a maximum 8 different groups of keyboard and mouse settings,so that you can switch them when you wish to play different games.
1. Press the F12 & F1-F8 keys on the keyboard simultaneously to switch. F1 is region 1, F2 is region 2 and so on to F8, there are 8 regions for keyboard and mouse keys setting For example: Press F12 & F8, the converter

goes into region 8.

2. Indicator light on the converter to show different region modes: F1-No Lighting; F2-blue; F3-red; F4-purple; F5-Green; F6-light blue; F7-yellow. F8-white.
3. You need to set up your DIY keys in region F1 to FB once. After that, you just need to recall them by pressing F12 & F1-F8.
4. If you have modified keys on F1 and wish to recover the default F1 keys setting. Press F12+F10+F1 simultaneously- usually 3 seconds.
5. You can watch this tutorial on our Amazon product page.

Mouse Sensitivity & Y-axis Direction Setting

- **Mouse sensitivity setting**

- @This function is to adjust the movement speed of the mouse, which can be selected according to the requirements of game control. The default value is 4.
- Press F12 and keys 1-9 (Numbers above keyboard letters) on the keyboard simultaneously to switch; 1 is the • lowest sensitivity and 9 is the highest sensitivity.

- **Mouse cursor Y-axis forward and reverse direction**

switching:

- The control direction of the Y axis of some games is set to the reverse direction, and the user can switch and select according to the game control requirements and the user's habits.
- 2 Press the F12+Y key on the keyboard simultaneously to switch the forward and reverse directions of the mouse cursor Y axis.

Documents / Resources



[arVin TNS-19077 Wired Keyboard and Mouse Converter](#) [pdf] User Manual
TNS-19077, TNS-19077 Wired Keyboard and Mouse Converter, Wired Keyboard and Mouse Converter, Keyboard and Mouse Converter, Mouse Converter, Converter

References

- [User Manual](#)

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