



Qualcomm® aptX™  
Low Latency



CP-NS02

## User Manual

Bluetooth Adapter for Nintendo Switch& Switch Lite

## Package Contents



CP-NS02



User Manual



USB-A TO USB-C Adapter

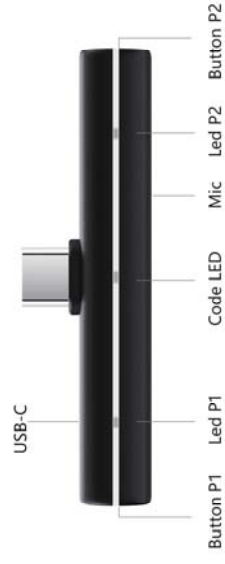


Silicone Case



Pouch

### About your CP-NS02 :



Button P1/P2: Press to connect the Headphones/Earbuds or toggle internal Mic On/Off

Led P1&P2: Green=Connected with Mic Off  
Orange=Connected with Mic On





Flashing Green=Connecting or Pairing

Code LED: Off=SBC / Blue=aptX / Orange=aptX Low Latency

USB-C Input: PD 5V - 15V / 0.5A-2.6A

## Setting:



1. Turn on the Nintendo Switch .
2. Connect the CP-NS02 Adapter with Nintendo Switch via the USB-C port.
3. Once CP-NS02 Adapter connected with the Nintendo Switch, there will be USB/Speaker icons appeared on the display of Switch, LED indicators     .
4. CP-NS02 is ready for pairing and connecting with your Headphones/ Earbuds once the LEDs start flashing.
5. For in-game voice chat, once the Headphones/Earbuds were connected, press the P1/P2 Button to toggle the Internal Mic ON/OFF, when the internal Mic is off, P1/P2 LED is green, when the internal Mic is on, P1/P2 LED is Orange.

## Connecting to 1 Pair Bluetooth headphones



1. Upon powering on, CP-NS02 will start pairing mode automatically.
2. Make sure the Bluetooth Headphones/Earbuds are in pairing mode.
3. Keep the headphones close to the CP-NS02 during initial pairing.
4. If the pairing fails, the lights will go out.
5. Once connected then the P1 LED will be Green and Headphones/Earbuds will start receiving audio from the Nintendo Switch or Switch Lite.

## Connecting to 2 Pair Bluetooth headphones



1. Pair and connect to the 1st set Headphones/Earbuds, P1 LED will be Green, for details pls refer to the last page.
2. Pair and connect the 2nd set Headphones/Earbuds by pressing the P2 button for 3 seconds
3. Keep the 2nd set Headphones/Earbuds close to CP-NS02 during initial pairing
4. Once 2nd set Headphones/Earbuds was connected, then P2 Led will be Green and Headphones/Earbuds will start receiving audio from the Nintendo Switch .
5. Both 2 Pair Headphones/Earbuds will start receiving audio from the Nintendo Switch .

## Reconnecting to a previously paired headphones

### Automatic re-connect

When a previously paired Headphones/Earbuds was turned on, it will automatically re-connect to the CP-NS02.

### Manual re- connect

You may also initiate a re-connect manually by pressing either the P1 or P2 button, the corresponding previously paired 1st or 2nd headphones will be re-connected respectively.

### In-game Voice Chat

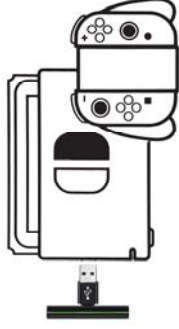
1. Make sure one or both headphones are paired and connected to the CP-NS02
2. Press the P1/P2 button to toggle the internal Mic On/Off. When internal Mic is Off, P1/P2 LED is Green, When internal Mic is On , P1/P2 LED is Orange.

### Factory Reset

1. Turn on the Nintendo Switch or Switch lite and unlock it.
2. Connect the CP-NS02 Adapter with Nintendo Switch or Switch lite via the USB-C port.
3. Press and hold both P1 and P2 buttons for 5 seconds until all LEDs start flashing.

### TV Mode

The CP-NS02 can be used with the Switch TV dock. Simply plug the bundled USB-C TO USB-A adapter to the TV Dock side USB-A port. Then insert the CP-NS02 into the USB-A TO USB-C Adapter is ok.



### Protective case use

1. If you're not using protective case for Nintendo Switch, then pls use the CN-NS02 with its Silicone case, the fitting will perfect.
2. If you're using protective case for Nintendo Switch, and wall-thickness of Nintendo Switch Protective Case less than 2.2mm, then pls also use the CN-NS02 with its Silicone case, you will find the fitting is also perfect.
3. If you're using protective case for Nintendo Switch, and wall-thickness of Nintendo Switch Protective Case more than 2.2mm, then pls do not use the CN-NS02 Silicone case, cause the space is not enough.



## LED Indicators

LED		Status
P1	P2	
		Powering up
		off/standby
		P1 Pairing
		P2 Pairing
		P1 Connecting
		P2 Connecting
		P1 Connected and Internal Mic Off
		P1 Connected and Internal Mic ON
		P2 Connected and Internal Mic Off
		P2 Connected and Internal Mic ON
		Audio streaming in SBC
		Audio streaming in aptX
		Audio streaming in aptX Low Latency
		LEDs flashing from left to right
		All LEDs Off
		P1&Codec LEDs Flashing alternately
		P1 LED Flashing
		P1&Codec LEDs Flashing alternately
		P2 LED Flashing
		P1 LED Green
		P1 LED Amber
		P2 LED Green
		P2 LED Amber
		Codec LED Off
		Codec LED Blue
		Codec LED Amber

LED Off  
 Colored -line-box-LED On  
 Dashed box-LED flashing

## Product Specification

Input	TYPE-C
Operating Voltage	4.8-5.2V Type
Operating current	80+/-20mA Type
Operating Temperature Range	0-45
Bluetooth version	Bluetooth 5.0
Operating Frequency	2402-2408MH
Supported Bluetooth Profiles	A2DP,HFP
Supported Codecs	aptX,LL,aptX,SBC
Operating Range	Up to 10 meters line of sight

## Safety Instructions

1. Do not use this device in medical facilities, aircraft, refueling points, close to automatic Doors, automatic fire alarms or other remotely controlled devices .
2. keep this device at least 20 cm from pacemakers and other medical devices as Bluetooth signal may interfere with their operation

### **FCC Statement**

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

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

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.