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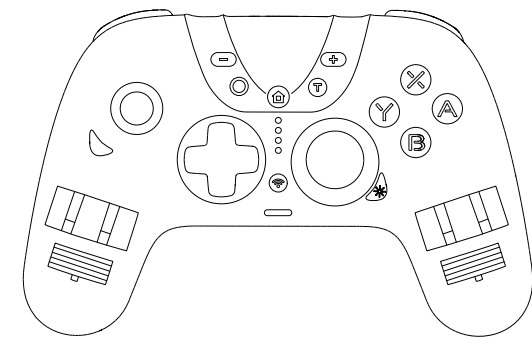
AL-NS2258 WIRELESS GAMEPAD

AL-NS2258

Product Description

This product is part of the Switch Pro wireless (Bluetooth) grip, which is connected to the Switch console and does not support NFC.

Product Features

- Includes all the buttons and corresponding functions of the original Switch grip, with the addition of burst-speed adjustment and motor vibration intensity adjustment.
- Provides 4 green LED status indicators.
- 25 function button inputs, "docking" button for first time pairing and shutdown reset.
- Built-in asymmetric dual motors, 5 large motors on the left and 3 small motors on the right, high precision 3D rocker.
- With 6-axis gyroscope, fast and accurate targeting.
- Compatible with PC console, supports X_ input mode (wired device name: Xbox 360 Controller).
- With custom set buttons and custom mapped keys (macro key function).
- Keys with individual motor vibration adjustment.
- Individually adjustable light effect button (transparent controller only).
- Bluetooth connection for Laptop/Switch/Switch Oled/Switch Lite/PC Steam.
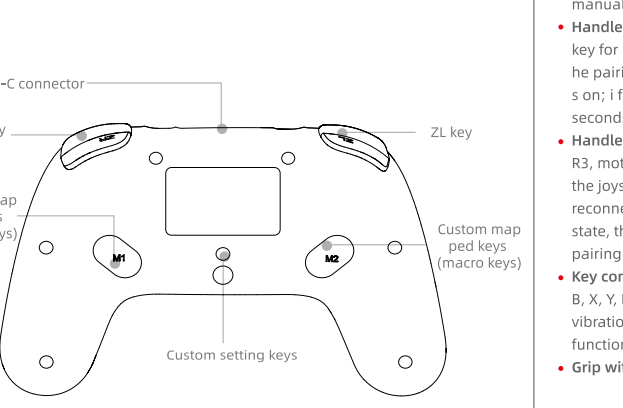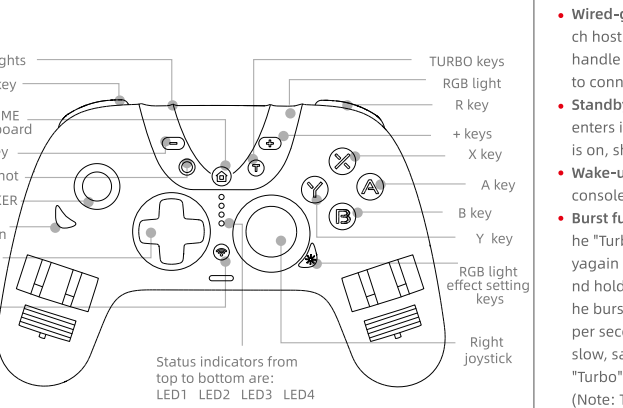- Grip supports App function.

Charging

- When the adapter is plugged in without being connected, the 4-channel light flashes, and when fully charged, the channel light turns off.
- With the adapter plugged in, the current channel light flashes, and when fully charged, the current channel light stays on.

Low Battery Alarm

- When the battery voltage of the handle is lower than 3.5V, the light of the corresponding channel will flash to indicate that the handle is low on power and needs to be charged.

Product diagram

RGB lights
RGB light
HOME
keyboard
key
Screenshot
LEFT ROCKER
vibration
viewpoint
Direction
button
Docking
key

TURBO keys
B key
If key
x keys
X key
A key
B key
Y key
RGB light
effect setting
keys
Right
joystick

Status indicators from
top to bottom are:
LED1 LED2 LED3 LED4

Type-C connector

ZR key   ZL key

Custom map
ped keys
(macro keys)

Custom map
ped keys
(macro keys)

Custom setting keys

Function Description

- **Wired-guided Bluetooth docking function:** The handle is connected to the Switch host via the USB cable (need to be set in the Switch host setup interface: Pro handle wired connection switch is on), unplug the USB cable and press any key to connect the handle to the Switch host automatically.
- **Standby mode:** Press and hold the "Docking" button for 3 seconds, the handle enters into Bluetooth pairing with the host computer, LED1-4 is on, the handle is on, short press the "Docking" button, the handle is in standby mode.
- **Wake-up function:** When the Switch is off, press the "HOME" key to wake up the console.
- **Burst function:** Press and hold any of the A/B/X/Y/L/ZL/R/ZR keys, then press the "Turbo" key to activate the burst mode. Press the Turbo key + the function key again and the key will automatically fire a burst. Press again to cancel. Press a nd hold the "Turbo" button while operating the right 3D up and down to adjust the burst speed, fast, medium and slow (default medium after locking, 20 times per second for fast, 12 times per second for medium and 5 times per second for slow, save the current state after switching off). If you press and hold the "Turbo" key for 8 seconds, you can clear all the burst functions with one click. (Note: The keys with automatic burst function are A/B/X/Y/L/ZL/R/ZR), the manual burst keys are A/B/X/Y/L/ZL/R/ZR/UP/DOWN/LEFT/RIGHT).
- **Handle pairing:** Open the host pairing interface, press and hold the "Docking" key for 3 seconds to enter the pairing state, LED1-4 flowing light flashes, then t he pairing is successful, the corresponding channel light assigned by the host i s on; if the pairing fails, the handle will automatically standby after 60 seconds;
- **Handle wake up:** support any key to wake up (except docking key, R M1, M2, L3, R3, motor vibration adjustment key, RGB light effect setting key, TURBO key). If the joystick is switched off after successful pairing, the joystick will enter the reconnect state after waking up by any key, LED1-4 will be the running light state, the corresponding channel indicator will be on long after successful pairing.
- **Key composition:** The joystick is operated by P, M1, M2, UP, DOWN, LEFT, RIGHT, A, B, X, Y, L, R, ZL, ZR, L3, R3, +key, + key, TURBO, HOME, SCREENSHOT, motor vibration adjustment keys, RGB light effect setting keys, docking keys, etc. 25 function keys and two analog 3D joysticks.
- **Grip with vibration and vibration intensity adjustment:** You can manually turn

- on or off the motor vibration function in the "Settings" section of the Switch console. When the grip is connected, the default motor vibration intensity is 70% in the "Search Grip" screen of the Switch console. Press the motor vibration adjustment button to adjust the motor vibration intensity to 100%, press the motor vibration adjustment button again to adjust the motor vibration intensity to 0%, press the motor vibration adjustment button again to adjust the motor vibration intensity to 30%, press the motor vibration adjustment button again to adjust the motor vibration intensity to 70%, 70%+100%+0%+30%+70%, long press the motor vibration adjustment button for 3 seconds to turn off the motor vibration function. (Press and hold the motor vibration adjustment button for 3 seconds to switch off the motor vibration adjustment button to save the current state after switching off).
- **About the macro key function operation explanation:** M1 and M2 custom keys are set on the back of the handle (mappable function keys are UP, DOWN, LEFT, RIGHT, A, B, X, Y, L, R, ZL, ZR, 3D rocker and down button). The procedure is as follows: ①When connected to a host computer or PC, press and hold the Profile key (custom setting key) for 3 seconds to enter the custom setting state, then the middle two LEDs flash (LED2, LED3). ②Press the M1 key, LED3 will keep flashing and LED2 will go out, the M1 key will start the customisation, press the "A" key, the "A" key will be mapped to M1, press the Profile key (customisation key) once more to exit the customisation, the channel light will return to the original channel indication. The channel light will return to the original channel indication, set the M2 key again as described above (LED2 will remain flashing while the M2 key is set) and LED3 will go out). ③The M1 (or M2) key can be set as a macro function key by entering multiple function keys into the M1 (or M2) key in sequence, and when the key is pressed during the game, the function will be displayed according to the internal entered between the function keys during the customisation.
- **M1 and M2 custom keys function clear:** When connected to a host computer or PC, press and hold the Profile key (custom setting key) for 3 seconds to enter the custom setting state, press the key to be cleared M1 (or M2) once, then press the Profile key (custom setting key) briefly to exit, it will clear the custom function on the M1 (or M2) key, after clearing it is no function state. The last used state will remain after the handle is switched off.

About The Rgb Light Effect Operation Description:The Joystick Has 4 Rgb Light Modes, Which Are As Follows: Mode 1. Different frequency and different colour

breathing (left RGB light: yellow, green, cyan, blue, purple, red; right RGB light: purple, red, yellow, green, cyan, blue)
Mode 2. Same frequency, same colour breathing (left RGB light: yellow, green, cyan, blue, purple, red; right RGB light: yellow, green, cyan, blue, purple, red)
Mode 3. Same frequency different colour breathing (left RGB light: cyan, blue, yellow, blue, yellow, green, purple, violet; right RGB light: purple, red, violet, white, green, blue, blue, cyan)
Mode 4. Turn off the lights. Press the RGB light setting button twice in a row in breathing mode to switch modes, click and press the RGB light setting button once to lock the light on long, and then press the RGB light setting button once to cancel the long light into breathing. With the light on long, press and hold the RGB light setting key + the up and down arrow keys to adjust the light brightness. There are 5 levels of brightness adjustment (25%, 50%, 75%, 100%), press and hold the up button of the RGB light setting key + arrow keys to increase the brightness, press and hold the down button of the RGB light setting key + arrow keys to decrease the brightness, and save the current state after power off. (Note: Mode 1 is the default after locking)

How To Connect Your Laptop And Mobile Phone By Bluetooth:
①Android mode pairing: When the handle is in standby mode, press and hold "X" and "Docking" for 3 seconds at the same time, LED1 will flash, turn on the Bluetooth of the device to be connected, search for the Bluetooth name " Gamepad", click on the pairing connection, LED1 will be on after the connection.
② JBS mode pairing: In standby mode, press and hold the "X button" and "Docking button" at the same time for 3 seconds, LED1 and LED2 will flash, turn on the Bluetooth of the device to be connected and search for the Bluetooth name "Xbox Wireless Controller", click on the pairing connection, LED1 and LED2 will light up after the connection.
③Bluetooth laptop (Windows system) Pairing: When the controller is in standby mode, press and hold the "X button" and "Docking button" at the same time for 3 seconds, LED1 and LED2 will flash, turn on the Bluetooth of the device to be connected, search for the Bluetooth name "Xbox Click on "Wireless Controller" and click on the pairing button to connect, LED1 and LED2 will light up after connection.

Standby

- When the joystick is on, short press the "Docking" button to put the joystick on standby.
- When the joystick is paired, it will automatically standby after 60 seconds when the code cannot be matched.
- When the joystick is not operated for a long time, it will automatically sleep after 5 minutes.

Reset Function

- When the joystick is abnormal, it can be reset by pressing and holding the HOME button for 10 seconds.

Receiving Distance

- The effective reception distance of the joystick is 10M or more.
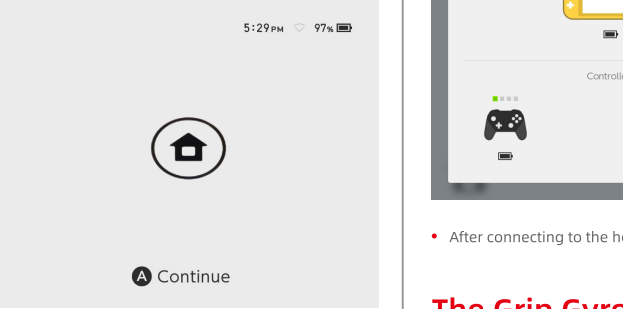
Reference Current

- Dormant current: less than 20uA
- Pairing current: less than 30mA (when RGB light is not on)
- Working current (when no vibration): less than 120mA (when the RGB light is at its brightest)
- Motor vibration current: less than 200mA
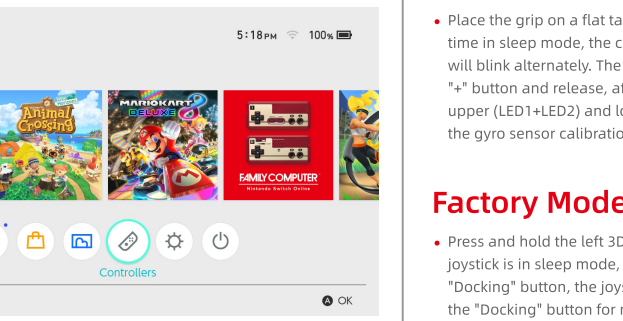
Handle Electrical Specifications

- Power supply: Built-in polymer battery
- Use time: 6-20 hours (depending on use)
- Battery capacity: 800mAh
- Charging time: around 3-4 hours
- Charging voltage: DC5V

- Charging current: ≤350mA
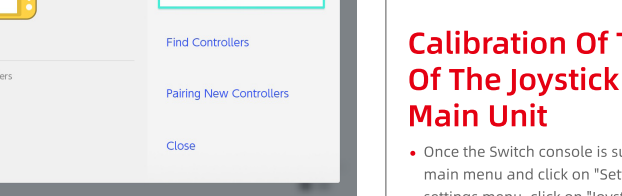
Wireless Connection Instructions

- Click on the main top page icon in the margin of the screen to enter the main menu, as shown below

- Open the "controllers" section of the switch console, as shown below

- Select the "Change Grip/Order" item to enter the grip connection page, as shown below

- After connecting to the host, the host assign-grip channel light will be on

The Grip Gyro Sensor is Factory Calibrated

- Place the grip on a flat table, press the "B", "+" and "HOME" keys at the same time in sleep mode, the channel light up (LED1+LED2) and down (LED3+LED4) will blink alternately. The grip enters gyro sensor calibration mode. Press the "+" button and release, after 1 second the channel light will end and the upper (LED1+LED2) and lower (LED3+LED4) will blink alternately and go out, the gyro sensor calibration is complete.

Factory Mode Setting of the Joystick

- Press and hold the left 3D rocker (L3) and right 3D rocker (R3) while the joystick is in sleep mode, then press the "Docking" button. After releasing the "Docking" button, the joystick will return to sleep mode, please do not press the "Docking" button for more than 2 seconds during the setting process.

Exiting Factory Mode

- When the joystick is in factory mode, plug in the USB cable to charge it to exit the forced hibernation mode, and then use the joystick with any key to wake it up. (Docking key, R M1, M2, L3, R3, motor vibration adjustment key, RGB light effect setting key, TURBO key are excluded)

Calibration Of The Gyroscope Sensor Of The Joystick Using The Switch Main Unit

- Once the Switch console is successfully connected to the joystick, return to the main menu and click on "Settings" to enter the settings menu. Scroll down the settings menu, click on "Joystick & Sensors", scroll up the menu list on the right, select "Calibrate gyro sensor", and click on "Calibrate joystick" in the pop-up menu. "In the pop-up menu. Press and hold the "+" or "+" button on the grip to complete the gyroscope calibration. The gyroscope calibration screen is shown below.

Using The Switch Console To Calibrate The 3D Joystick

- Once the switch console is successfully connected to the joystick, go back to the main menu and click on "Settings" to enter the settings menu. Scroll down the settings menu, click on "Joystick & Sensors", scroll up the menu list on the right, select "Calibrate joystick", press the joystick you want to calibrate and enter the "Calibrate Joystick" confirmation screen. "Press the "X" button on the joystick to bring up the menu, then press the "A" button on the joystick to confirm the calibration. Once you have entered the "Calibrate Joystick" calibration screen, follow the on-screen prompts to complete the upward, downward, leftward, rightward and circular movements. The joystick calibration screen is as follows.