PIXMINDS

PIXMINDS Distribution
NS052 Left and Right
Wireless Controller

PIXMINDS Distribution NS052 Left and Right Wireless Controller Owner's Manual

Home » PIXMINDS Distribution » PIXMINDS Distribution NS052 Left and Right Wireless Controller Owner's Manual
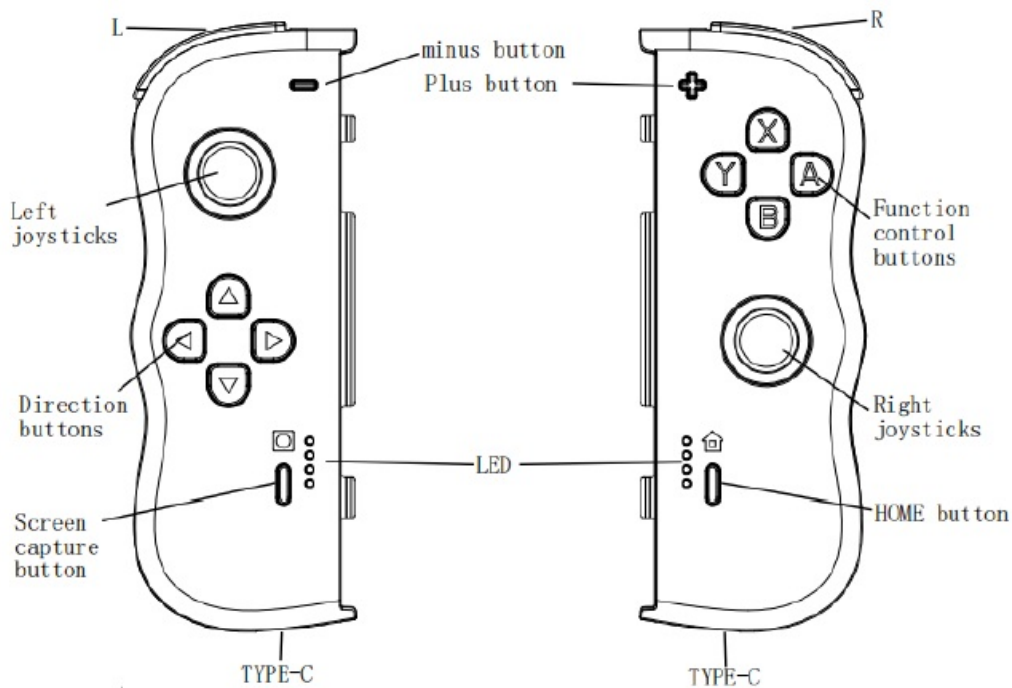
Contents

PIXMINDS

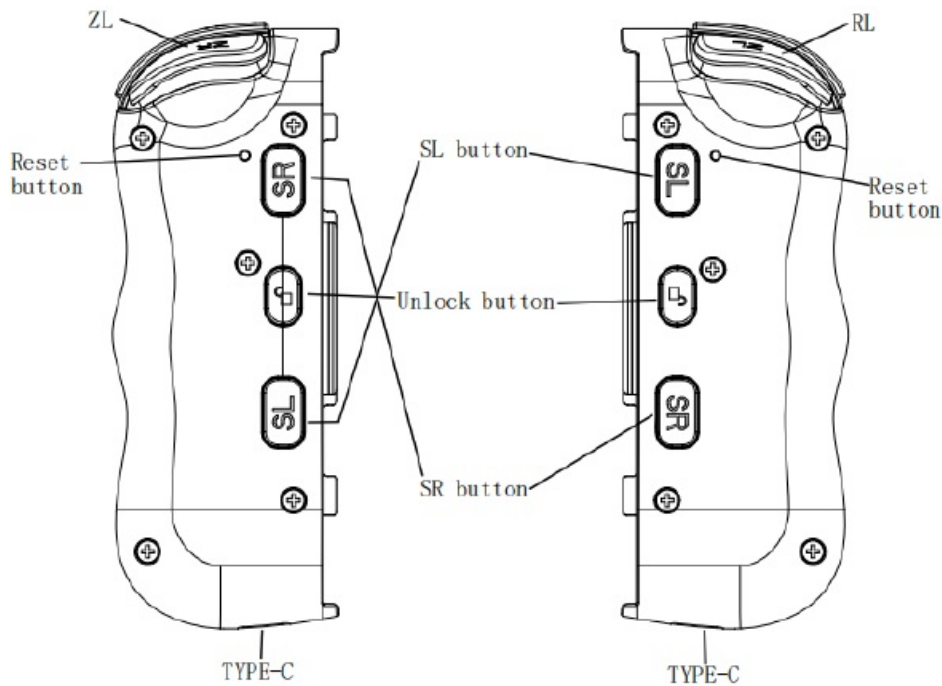**PIXMINDS Distribution NS052 Left and Right Wireless Controller**

Preface

- Thank you for choosing our game controller. To bring you a pleasant gaming experience, Before using this controller, please read the entire manual and all safety instructions to ensure safe and proper use.
- The instructions in this manual are based on the default settings of the device.
- All pictures, statements and text information in this manual are for reference only, please refer to the actual product; if there are any content updates, we will not notify you and these updates will be included in the new version of the manual.
- Available functions and additional services may vary by device, software, or service provider.

Controller diagram

ZL / RL

Reset button

SR / SL

SL button

Unlock button

SL / SR

SR button

Reset button

TYPE-C / TYPE-C

Product introduction

1. This product is compatible with the Switch host and supports wireless connection .
2. This controller can be used as a whole controller or as two separate controllers.
3. One-click connection mode, easy to operate.
4. Wireless connection, strong anti-interference ability, stable connection signal.
5. The built-in gyroscope of this controller supports motion sensing function.
6. Each of the left and right controllers has a built-in motor to support the vibration function .
7. The product supports the function of waking up the Switch host and waking up the controller . .
8. When the product is in the connected state without any action , it will enter the power saving mode after 5 minutes, the controller light will go out, and it will automatically sleep when it is disconnected .
9. This controller can be connected to the computer through a USB cable to update the software.

Button introduction

1. HOME button *1 : Turn on the controller or execute the command of the host.
2. Direction buttons *1 group : up, down, left, right. Cross direction operation : when the left controller is used as an independent controller, the direction buttons are used as function control buttons.
3. Function control buttons * 4 : A , B , Y , X. Button design, finger touch operation is more sensitive and faster.
4. Left and right joysticks * 2 : Brand new ultra-thin 3D joysticks, 360 -degree all-round precise operation.
5. Function buttons * 4 : L1 , R1 , L2 , R2 . New button design, quick response.
6. Screen capture button *1 : When the left and right controllers are used as a whole controller, press this button in the game to take a screenshot and save the current screen; when the left controller is used as an independent controller, the screen capture button is used as the HOME button .
7. Reset button *2 : Press the button in the reset hole to close the controller and disconnect the controller from the host.
8. Unlock button *2 : Press and hold the unlock buttons on the back of the left or the right controllers at the same time to remove the SWH.

9. plus and minus button: commonly used for in-game menu or setup functions.
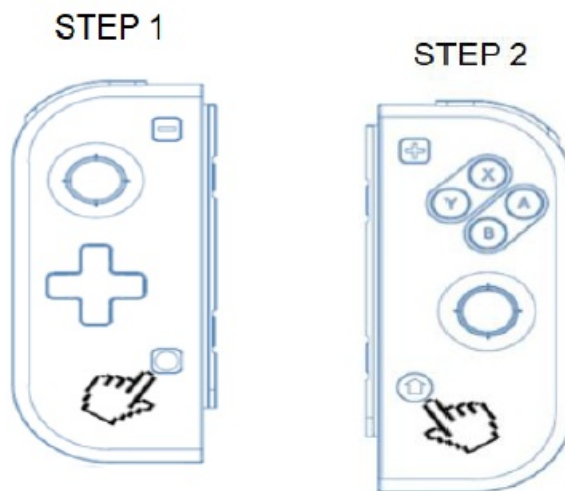
Connection guide

Connect the controller to the host for the first time
Turn on the SWH host, on the main menu interface of the host, touch and click "Controllers" → "Change Grip/order" to enter the host pairing mode interface : "Press L + R on the controller" , ignore "L + R" , and then press Follow these steps:
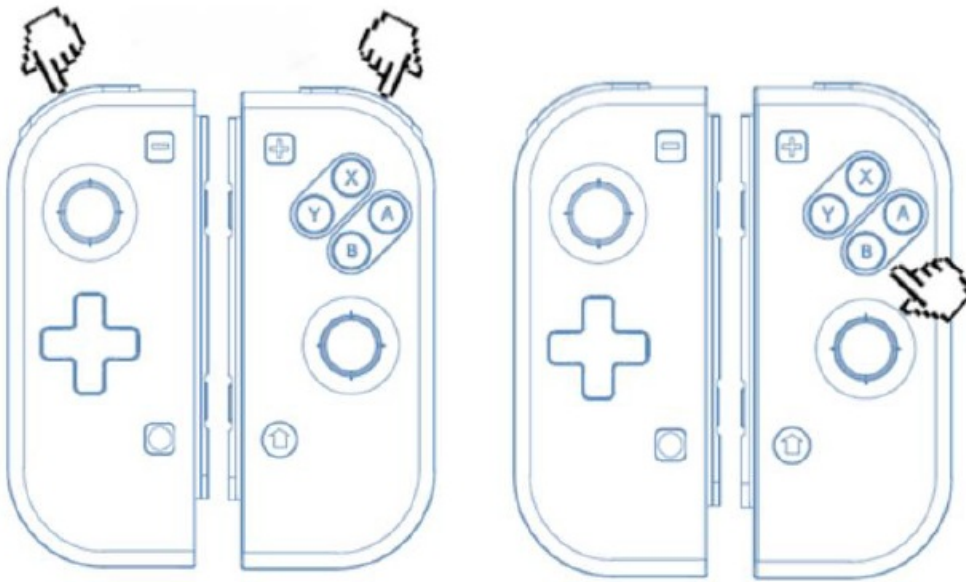
Remarks : Please pair code and connect each controller in this host pairing mode interface.

How to connect a pair of controllers (left controller + right controller) as a whole controller :

- Step 1 : On the left controller, press and hold the Screen capture button for 4 seconds to turn on the left controller. The four LED lights will flash slowly first. After 4 seconds , the four LEDs will flash quickly to enter the search state . When one (or more) of the LEDs stays on, it means the left controller is connected successfully.
- Step 2 : On the right controller, press and hold the HOME button for 4 seconds to turn on the right controller. The four LED lights will flash slowly first. After 4 seconds , the four LEDs will flash quickly to enter the search state . When one (or more) of the LEDs stays on, it means the right controller is connected successfully.
- Step 3: After both the left and right controllers are successfully connected with the host, press the L1 and R1 buttons simultaneously. At this time, the corresponding LED lights on the left and right controllers will be normal on, indicating that the connection is successful. A whole controller (left controller + right controller) is ready for use.
- Step 4: Press the B button to return to the host's main page.
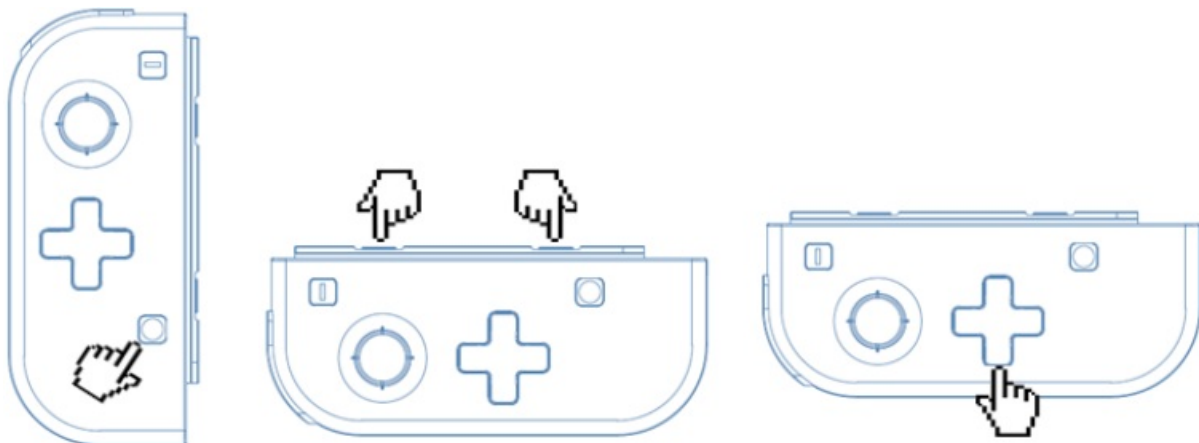

- Press and hold The screenshot button for 4seconds
- Press and hold The HOME button for 4 seconds

- STEP 3 : press the LI and RI buttons simultaneously
- STEP4 : Press the B button to return to the host's main page

How to connect the left controller as an independent controller:

- Step 1: On the left controller, press and hold the screenshot button for 4 seconds to turn on the controller. The four LED lights will flash slowly first. After 4 seconds , the four LEDs will flash quickly to enter the search state . When one (or more) LEDs are normal on, it means connected is successful .
- Step 2: Press the SL and SR buttons on the side of the left controller at the same time , the corresponding LED lights on the side of the left controller will be on, indicating that the connection is successful, and the left controller will become an independent controller and can be used.
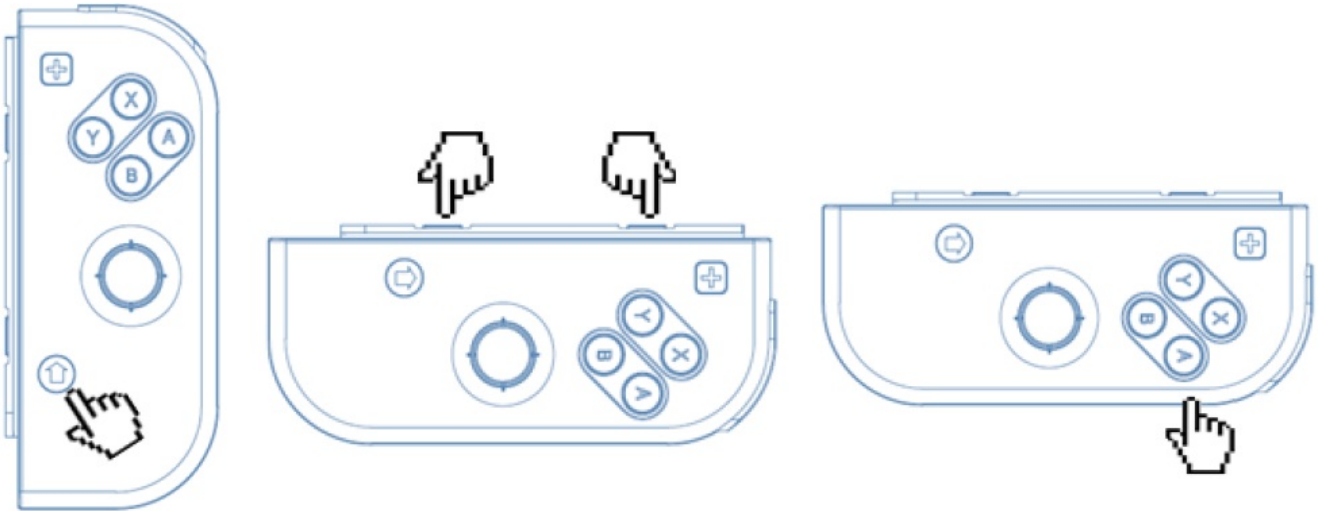- Step 3: Press the left button of the direction button to return to the main page of the host.

How to connect the right controller as an independent controller:

- Step 1: On the right controller, press and hold the HOME button for 4 seconds to turn on the controller. The four LED lights will flash slowly first. After 4 seconds , the four LEDs will flash quickly to enter the search state . When one (or more) LEDs are normally on, it means connected is successful;
- Step 2: Press the SL and SR buttons on the side of the right controller at the same time. At this time, the corresponding LED light on the side of the right controller is always on, indicating that the connection is

successful, and the right controller becomes an independent controller and can be used.

- Step 3: Press the A button to return to the host's main page.

Connect the controller to the host again

- When the left controller and right controller are used as a whole controller, short press the HOME button and the screen capture button to turn on the controller, and the controller is automatically connected to the host.
- When the left controller is used as an independent controller, short press the screen capture button to turn on the controller, and the left controller is automatically connected to the host.
- When the right controller is used as an independent controller, short press the HOME button to turn on the controller, and the right controller is automatically connected to the host.

Connect the controller back to the host
Press the power button of the switch host to put the controller to sleep, and then press the power button to wake up the switch host. At this time, pressing all the buttons can wake up the controller and connect back to the host. When the host is in sleep mode, directly press the HOME button and screenshot button of the controller to wake up the console . Other buttons cannot wake up the host) .

Remarks: This product does not have NFC function or camera function; the built-in motor is a non- HD motor, and the vibration experience may be different in some games. For example, games like Baby , Ball Count , Eating Contest , etc. that require cameras or HD vibration motors cannot be used normally.

controller wake-up and host wake-up function operation

1. In the dormant state of the controller , short press the screen capture button , arrow buttons, – button, L1, L2, SL, SR button on the left controller to wake up the controller , the LED light will flash cyclically, and the controller will automatically connect back to the host.
2. In the sleep state of the controller , short press the HOME button , A\B\Y\X, + button, R1, R2, SL, and SR buttons on the right controller to wake up the controller . The LED light will flash in a cycle, and the controller and the host will automatically return to each other. even.
3. When the host is in sleep mode (not in flight mode) , short press the right controller and short press the HOME button to wake up the host, and then the controller will automatically connect back to the host .

Notes:

1. Buttons that can wake up the controller: HOME button, A\B\Y\X, cross direction buttons, – button, + button, L1, R1, L2, R2 button, SL, SR button, screenshot button.
2. The button that can wake up the host: HOME button.
3. Long press the HOME button for 5S to turn off the controller.

Note : This product does not have NFC function or camera function; the built-in motor is a non- HD motor, and the vibration experience may vary in some games. For example, games that require cameras and linear vibration motors, such as Baby , Ball Count , and Eating Contest , cannot be used normally.

Motor vibration adjustment function

Increase the vibration level to a total of 3 levels: weak, medium, strong (change the amplitude to 40%, 70%, 100%)

Adjustment method:

(Left controller)

- The lowest gear (amplitude 40 %): Press and hold the L1/L2/- button on the side at the same time for 1 second, the adjustment is successful , and the controller will vibrate
- Mid-range (amplitude 70 %): Press and hold the L1/L2/- button on the side at the same time for 1 second, the adjustment is successful , and the controller will vibrate
- The highest gear (amplitude 100 %): Press and hold the L1/L2/- button on the side for 1 second, the adjustment is successful , and the controller will vibrate
- The controller vibration is connected to the default mid-range vibration level for the first time. The 70 %amplitude setting is successful. The controller vibrates once with a memory function.

(Right controller)

- The lowest gear (amplitude 40 %): press and hold the R1/R2/+ buttons on the side for 1 second, the adjustment is successful , and the controller will vibrate
- Mid-range (amplitude 70 %): Press and hold the R1/R2/+ buttons on the side at the same time for 1 second, the adjustment is successful , and the controller will vibrate
- The highest gear (amplitude 100 %): Press and hold the R1/R2/+ buttons on the side for 1 second, the adjustment is successful , and the controller will vibrate
- The controller vibration is connected to the default mid-range vibration gear for the first time, and the 70 % amplitude setting is successful. The controller vibrates once with a memory function

Lock wake-up button operation :

1. Left hand: Press and hold L3 and minus button for 3 seconds until the controller light goes out, and the controller enters the lock state. (Press any button and the controller will have no light on) .
2. Right hand: Press and hold R3 and the plus button for 3 seconds until the controller light goes out, and the controller enters the lock state. (Press any button and the controller will have no light on) .

Connect the guide wire to the charger, and then connect to the controller. If the controller is not charging, the

indicator will be off, and the machine is still in the locked state.

Unlock the controller buttons:

1. Press and hold the pairing button or HOME button for 4 seconds. At this time, the controller will enter the Connecting state. After connecting to the host, the controller will automatically unlock and enter any button wake-up mode. If it is not successfully connected to the host, the controller will still be locked state.
2. In the locked state, connect the controller guide wire to the PC/switch host or directly plug it into the switch host. The controller indicator light flashes to test each button/joystick. At this time, disconnect the PC/switch host and enter any button wake-up mode.

LED light indication instructions

1. Four LEDs flash rapidly and circularly: it means that the controller is searching for wireless device pairing.
2. The LED flashes quickly: it means the controller battery voltage is lower than 3.6V . When the battery voltage is lower than 3.4V , the controller will automatically shut down and cannot be turned on.
3. The LED is always on: it means that the controller and the host are connected normally through wireless .
4. Four LEDs flash slowly: When the controller is connected to the charger for charging, the four LEDs flash slowly. When fully charged, the four LEDs turn off.
5. You can charge the controller by connecting it to the TYPE-C port of the controller via a USB cable.

Controller parameter

PROJECT	REFERENCE
Operating Voltage	DC 3.7-4.2V
Working current	20-30mA
stand-by current	10- 5 0uA
vibration current	80-150mA
USB input voltage / current	DC 5V/500mA
Range of use	≤8M
Battery voltage / capacity	3.7V/300mAh
Battery life after fully charged	4 hours
Charging time	2 hours
Standby time	about 30 days
Net weight of the controller	1 pair of controllers is about 84g (about 125 g including charging cable and manual)
controller size	Single controller size 106.89mm*39.87mm*28.29mm
packing list	1 pair of controllers, 1 charging cable, 1 instruction manual
Note: The above parameters are for reference only and are subject to actual use of the product.	

Precautions

1. Please do not store this product in a humid or high temperature place.
2. Do not knock, beat, puncture, or try to disassemble the product, so as not to cause unnecessary damage to the product.
3. This product is an electronic product, please do not throw it away with garbage.
4. Do not use the controller near fire or other heat sources.
5. Do not disassemble this product without authorization or non- professionals, otherwise, this product is not within the scope of after-sales warranty.

FCC Warning

Labeling requirements.
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.

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

Information to the user.

Note: 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:
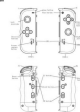
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC RF Radiation Exposure Statement:

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with RF radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 5mm between the radiator and your body.

Documents / Resources

PIXMINDS Distribution NS052 Left and Right Wireless Controller [pdf] Owner's Manual
NS052, NS052 Left and Right Wireless Controller, Left and Right Wireless Controller, Right Wireless Controller, Wireless Controller, Controller

References

- **User Manual**