AOLION®

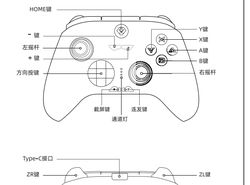
Switch 无线手柄

AL-NS2286

产品简介

- 适用平台：Switch 模式、PC有线模式、安卓HID模式、IOS苹果MFI模式（13.3版本以上）；
- 蓝牙传性模式；
- 2个背部宏编程键，带一键关闭/开启编程键开关。
- 高容量电池电芯；
- 炫酷的RGB氛围灯，可通过组合键“关闭/开启”氛围灯；
- XBOX手柄模，摇杆死区防漂移；
- 非对称振动马达，3个档位调节：弱、中、强；
- 设有一键Turbo连发键；3个连发速度档位调节：慢---中----快。
- 精美的外观图案；
- XBOX手柄模，摇杆设计有防滑纹；

产品示意图：



支持平台模式连接

- 支持连接模式：Switch 模式、PC有线模式、安卓HID模式、IOS苹果MFI模式（13.3版本以上）。
- Switch模式：
①关机状态下，长按Home键5秒，1-4通道指示灯跑马式快闪，进入蓝牙配对。
②自动识别配对Switch主机连接成功后，相应的通道指示灯(LED灯）常亮。
- PC模式：
连接方式：使用USB_Typec 数据线连接PC电脑使用。
连接指示灯：Xbox 360模式灯，1和4通道灯慢闪；D-input模式灯，2和3通道指示灯慢闪。
PC连接模式默认为：Xbox 360模式（X-input）；长按组合键“－键”＋“＋键”6秒，可转换为D-input模式。
- 安卓HID模式（手机、平板）：
①关机状态下，长按组合A+Home键5秒，2和3通道指示灯快闪，进入蓝牙配对。
②打开手机蓝牙搜索手柄名称“Gamepad”进行配对，连接成功后，2和3通道指示灯常亮。
- 苹果MFI模式（IOS系统手机、平板）：
①关机状态下，长按组合X+Home键5秒，1和4通道指示灯快闪，进入蓝牙配对。
②打开手机蓝牙搜索手柄名称“Xbox wireless Controller”进行配对，连接成功后1和4通道指示灯常亮。
- 备注：若蓝牙配对连接不成功，约2分30秒后自动关闭蓝牙配对模式，进入休眠。

氛围RGB指示灯

- RGB灯效模式切换：
① “－键”＋“＋字键上”：调节灯光“幻彩”模式。
② “－键”＋“＋字键下”：调节灯光“常亮”模式。
- 常亮”模式下，灯效调节：
① “－键”＋“＋字键左”：为正向调节灯光颜色。
② “－键”＋“＋字键右”：为反向调节灯光颜色。

- 3D摇杆RG8T 开启与关闭方法：
①按下组合键“－键”＋“＋键”＋“A键”可关闭RG8T。
②再按下组合键“－键”＋“＋键”＋“A键”可重新开启RG8T。
- RG8T效彩色：
幻彩：幻彩色。（默认）
常亮：白+黄绿+绿+蓝+青+紫+红。

手柄开机、回连连接说明

- 按一下HOME键开机唤醒手柄；进入回连搜索模式（回连上一次使用的设备）。回连成功后相对应的通道指示灯常亮。
- 按一下HOME键开机唤醒手柄，自动与上一次配对的主机回连，如10秒回连不成功则自动休眠。
- Home键设为唤醒手柄功能；其它按键无唤醒功能。
- 若手柄回连失败情况下应选择重新与主机配对连接。

手柄唤醒Switch主机说明

- Switch主机进入休眠模式时，按一下手柄Home键开机，手柄可自动唤醒Switch主机开机。

备注：上一次使用手柄与主机配对已经连接成功后进入休眠的，才能使用手柄Home键唤醒主机功能。

若手柄唤醒Switch主机失败，应选择手动唤醒主机。

宏定义编程设置说明

■ 宏定义编程键打开/关闭说明：

① 将手柄背键的编程键开关拨动到“ON”打开，编程键功能打开；编程键开关拨动到“OFF”关闭，编程键功能关闭。
② 编程键出厂默认功能键：M1键为十字方向键“左键”；M2键为十字方向键“右键”。
③可设置功能键：A键，B键，X键，Y键，R8键，L8键，RT键，LT键，R3键(右30下压键)，
L3键(左30下压键)，十字方向键，+键，-键。

■ 宏定义编程键单键功能设置步骤：

①按一下组合键“－键”＋“＋键”＋“A键”可关闭RG8T。
②按一下组合键“－键”＋“＋键”＋“A键”可重新开启RG8T。

■ 宏定义编程键双键功能设置步骤：

① 按一下编程设置键，通道指示灯LED2、LED3灯亮，进入宏定义编程功能；
② 按一下M1键M2键，通道指示灯变为LED2亮，表示已选择好M1或M2键编程，
待选设置功能键；
③ 按一下要被编程的功能键后，再按一下M1/M2键或 编程设置键，退出编程设置模式，LED灯恢复通道指示灯状态，单键编程设置成功。

■ 编程键宏定义多个功能键设置步骤：

① 按一下编程设置键，通道指示灯LED2、LED3灯亮，进入宏定义编程功能；
② 按一下M1键M2键编程，通道指示灯变为LED2亮，表示已选择好M1或M2键编程，
待选按择多个功能键设置；
③ 按第1个功能 键+第2个功能键+第3个功能键+……N个功能键（注：两个功能键之间是根据前后按下功能键的时间间隔，设置时用户可自行定义两个功能键的触发间隔的时间），再按一下M1/M2键或 编程设置键，退出编程设置模式，LED灯恢复通道指示灯状态，多键宏定义功能设置成功。
备注：M1与M2宏定义编程键，一次编程至少映射21个功能键，同一按键功能可重复编程。

■ 清除M1或M2编程键功能：

① 将个编程键清除功能：按一下编程设置键，通道指示灯LED2、LED3灯亮，按一下需要清除的编程键，再按一下编程设置键，编程键清除成功。
② 全部清除编程键功能：长按编程设置键5秒后，通道指示灯47灯全闪，清除所有编程键功能，恢复厂默认功能。

■ 编程背键一键开关功能：

- 编程拨动开关，拨到“ON”时，背键功能打开；拨到“OFF”时，背键功能关闭。

Turbo键设置

按下功能键+T键，功能键进入Turbo连发功能。

■ Turbo设置步骤：

①按一下功能键+T键，功能键进入Turbo连发功能；
②按一下功能键+T键，功能键进入半自动连发功能；
③按一下功能键+T键，功能键进入全自动连发功能；
④按一下功能键+T键，功能键Turbo连发功能取消

■ 档位调节方式：组合键Turbo键+“＋键或-键”调节档位。

- Turbo可设置：慢---中----快共三档，8次/秒为慢档，16次/秒为中档，21次/秒为快档。

■ 清除全部Turbo功能：长按T键5秒后，取消所有功能键连发功能；

- 备注：可设置功能键：A键，B键，X键，Y键，R8键，L8键，RT键，LT 键，R3键(右30下压键)，

马达振动设置

- 振动3档设置：强、中、弱；
- 默认设置：中
- 振动设置方法：T键+ 左3D摇杆（推上或推下）调节振动，顺序：中----强----弱。

手柄充电指示灯与充电特性

- 若手柄关机下充电时：LED指示灯“1-4”全灯同时慢闪,充满电后LED灯全部灭灯。
- 若手柄已连接主机在使用中充电时：当前连接的通道LED指示灯慢闪，充满电后通道指示灯常亮。
- 在充电、配对连接、回连连接、低电量报警时，以配对连接、回连连接的LED指示状态优先指示。

手柄关机、自动休眠

- 关闭手柄（关机）：长按下HOME键5秒后蓝牙断开连接进入休眠关机状态。
- Switch主机屏幕关闭或关机,手柄自动断开连接进入休眠关机状态。
- 5分钟之内手柄没有任何按键按下、摇动3D摇杆、摇晃手柄，手柄到自动进入休眠关机状态。

电池低电量报警

- 电池低电量报警：若手柄电池电量少于10%电量时，既指RG8T灯闪烁。
- 电池低电量报警：若手柄电池电量少于20%电量时，既指RG8T灯文灭，当前连接通道LED指示灯快速闪烁。
- 电池低电量报警时，应及时给手柄充电。

待机损耗、待机时间

- 关机休眠状态下，损耗电流小于15uA。待机时间大于90天。

默认功能图表

USB 有线连接	是否有功能	备注
蓝牙连接	支持	
连接平台模式	支持	
六轴陀螺仪感应	Switch、PC 平台	PC平台仅支持有线连接
ABXY 键	有	
键 / 键	有	
LB 键/R8 键	有	
LT 键/RT 键	有	霍尔线性扳机
HOME 键	有	带唤醒功能
截屏键功能	有	
十字方向键	有	
Turbo 键	有	支持：半自动与全自动连发功能
振动调节键	有	支持强、中、弱调节
左 3D 摇杆 (左 3D 摇杆功能)	有	
左 3D 摇杆 (下压 L3 键功能)	有	
右 3D 摇杆 (右 3D 摇杆功能)	有	
右 3D 摇杆 (下压 R3 键功能)	有	
宏定义编程键	有	设有2个编程背键
连接指示灯	有	白灯
马达振动功能	有	摆锤振动
NFC 读写功能	无	

电气特性

产品电气特性			
序号	项目	技术指标	单位	备注
1	额定输入充电电压	5	V	
2	充电电流	400mA	mA	
3	休眠待机损耗电流	15	uA	
4	工作额定损耗电流	45mA	mA	关闭RGB氛围灯
5	工作使用时长	22 小时	H	1、关闭RGB氛围灯；2、1000mAh 2.1A电池
6	电池容量	1000mAh/3.7v电池		
7	3D 摇杆频率	500Hz/无线 125Hz/有		
8	3D 摇杆稳定率	千 0.2%		
9	3D 摇杆疲劳	无疲劳		

RGB氛围灯使用功耗说明				
序号	项目	照耗电流	时长	备注
1	关闭	45mA	22 小时	“幻”＋“幻”，“常亮”关闭灯
2	幻彩 RG8 灯/黑色	200mA	5 小时	
3	白色	330mA	3 小时	
4	绿黄色/青色	240mA	4 小时	
5	红色/绿色/蓝色	140mA	7 小时	

环境条件

序号	项目	技术指标	单位	备注
1	工作温度	5~45	℃	
2	储存温度	-10~60	℃	
3	相对湿度			
4	散热方式			

注意事项

- 本产品在不使用时，放置保存好。
- 本产品不能在潮湿的环境里使用，存放。
- 本产品在使用或存放时，应尽量避开灰尘、重压、以免影响使用寿命。
- 本产品因使用不当而造成漏水、摔坏或摔坏，出现电气性能问题，请停止使用。
- 不要用微波炉等外部加热设备对其进行干燥处理。
- 如有损坏及时送维修部门处理，切勿自行拆卸。
- 不要给儿童玩弄本产品。

APP软件下载说明

支持IOS、安卓手机下载“KeyLinker”APP连接使用，可通过APP编程、升级功能。

“KeyLinker”APP下载二维码：

产品保修卡

□ 换货 □ 维修 （如需选换货，请填写以下表格填选项—可双选）

产品型号		产品名称	
购买日期		购买方式	
联系人		联系电话	
联系地址			
请简要说明			
备注			

保修条款

- 产品自售出之日起，在7个天无质量问题，可享受免费换、保修服务。
- 人为及不可抗力因素损坏的产品，不在保修范围之内。
- 未按说明操作，因产品的不当使用或保养。
- 未今作为保修依据，保修时请提供本卡，请注意保留。
- 以旧换新的售后服务，以厂家的实际解释为。

寄修服务

如因质量问题AOLION公司承担解产品运回费用，收费项目及时间请参考方便到现场维修的情况，请不用担心。
AOLION清加解释保修期范围及不能享受免费产品维修。

官方微信

合格证

检验员：

检验结论

产品经检验合格准予出厂

AOLION®

Switch Wireless Controller

AL-NS2286

Product profile

- Applicable platform: Switch mode, PC wired mode, Android HID mode, IOS Apple MFI mode (13.3 version or above);
- Hall linear trigger;
- 2 back macro programming keys, with a key to close / open the programming key switch.
- High-capacity battery cell;
- Cool RGB atmosphere light, can be combined by the key "off / on" atmosphere light;
- XBOX hand grip, grip with non-slip lines;
- Asymmetric vibration motor, 3 gear adjustment: weak, medium, strong;
- With one key Turbo repeating button; 3 repeating speed gear adjustment: slow---middle----fast.
- Exquisite appearance pattern;
- XBOX hand grip, grip design with non-slip lines;

Product schematic diagram

Platform connection mode:

- Support connection mode: Switch mode, PC cable mode, Android HID mode, IOS Apple MFI mode (13.3 version and above).
- Switch pattern:
① shutdown state, long press the Home button for 5 seconds, 1-4 channel indicator light flash, enter the Bluetooth pairing.
② Automatic identification of the matching Switch host successful success, the corresponding channel indicator (LED light) often on.
- PC pattern:
Connection: Use USB_Typec cable to connect to PC.
Connect indicator: 1 and 4 channels in Xbox 360 mode; 2 and 3 channels in D-input mode Light slow flash.
PC connection mode is Xbox 360 mode (X-input); press "-key" + "+ key" for 6 seconds,Contable to D-input mode.
- Android HID mode (mobile phone, tablet):
Pairing: ① In shutdown state, long press combination A + Home for 5 seconds, 2 and 3 channel indicators flash to enter Bluetooth pairing.
② Open the mobile phone Bluetooth search handle name "Gamepad" for pairing, after successful connection, 2 and 3 channels indicate The light is often bright.
- Apple MFI mode (IOS system mobile phone, tablet):
Pairing: ① In the shutdown state, long press the combination X + Home key for 5 seconds, and the 1 and 4 channel indicators flash to enter the Bluetooth pairing.
② Open the mobile phone Bluetooth search handle name "Xbox wireless Controller" for pairing, successful connection after 1 and The 4-channel indicator light is always on.
- Remarks:
If the Bluetooth pairing connection is not successful, the Bluetooth pairing mode will be automatically turned off after about 2 minutes and 30 seconds.

Atmosphere RGB indicator lamp

- RGB lamp effect mode switch:
① "-Key" + "Cross Key" to adjust the light "phantom color" mode.
② "-Key" + "Cross key" to adjust the "constant light" mode.
In "constant bright" mode, the lamp effect adjustment:
① "-key" + "Cross key (left" is the positive adjustment light color.
② "-Key" + "Cross key right" is the reverse adjustment of light color.
- 3D rocker RGB lamp:
① Press the combination key "-key" + "+ key" + "A key" to turn off the RGB light.
② Press the combination key "-key" + "+ key" + "A key" to turn on the RGB light again.
- RGB lamp effect color:
- Magic color: magic color.(give tacit consent to)
- Chang Liang: white+yellow+green+green+blue+blue+purple+red.

Controller boot and return connection instructions

- Press the HOME button to start the wake up controller; enter the return search mode (back to the last used device), and the corresponding channel indicator light is always on.
- Press the HOME button to start the wake up handle and automatically connect with the last paired host. If 10 seconds connection fails, it will automatically sleep.
- Home key is set to wake up handle function; other keys have no wake up function.
- If the handle fails to reconnect, you should choose to pair up and connect with the host again.

Controller wake up the Switch host description

- Switch When the host enters the sleep mode, press the handle Home button to start up, and the handle can automatically wake up the boot Switch host machine.

Remarks:

■ Use the last gamepad to pair with the host has been successfully connected and enter the sleep, can use the gamepad Home key to wake up the host function.

■ If the controller fails to wake up the Switch host, please choose to wake up the host manually.

Macro definition programming instructions:

■ Macro definition programming key on / off description

- ① Turn the programming key switch of the handle back key to "ON" and open the programming key function; dial the programming key switch to OFF is off and the programming key is off.
- ② Programming key factory default function key: M1 is the cross direction key "left key"; M2 is the cross direction key "right key".
- ③ Function keys can be set: A, B, X, Y, RB, LB, RT, LT, R3 (right 3D), L3 (left 3D), cross, +, -.

■ Macro definition programming key single key function setting step:

- ① Press the programming setting key, the channel indicator light LED2, LED3 lights on, enter the macro definition programming function;
- ② Press the M1 or M2 key, the channel indicator light becomes LED2 bright, indicating that the M1 or M2 key has been selected, The ending setting function key;
- ③ After pressing the function key to be mapped, then press the M1 / M2 key or the programming setting key to exit the programming setting mode, the LED light restores the channel indicator status, and the single key programming setting is successful.

■ Programming key macro defines multiple function key setting steps

- ① Press the programming setting key, the first indicator LED2, LED3 lights on, enter the macro definition programming function;
- ② Press the M1 or M2 programming key, the channel indicator light becomes LED2 bright, indicating that the M1 or M2 programming key has been selected, Select multiple function keys to set up;
- ③ Press for the first function key + 2nd function key + 3rd function key +……N function keys (note: between the two function keys is after press the function key time mapping, set the user can define the trigger interval between the two function keys), then press the M1 / M2 key or programming setting key, exit the programming setting mode, LED light restore the channel indicator status, multi-key macro definition function set success.

- Remarks:M1 and M2 macro define programming keys, one programming map at least 21 function keys, the same key function can be repeated programming.

■ Clear the M1 or M2 programming key function

- ① Single programming key clearance function: press the programming setting key, channel indicator LED2, LED3 light on, press the programming setting key to be cleared, and then press the programming setting key, the programming key is cleared successfully.
- ② Clear all programming key function: long press the programming setting key for 5 seconds, the channel indicator light 4 lights all flash, clear all programming key functions, restore the default function of the factory.

■ Programming back key one-button switch function

- Program the switch to turn on the back key when you dial to OFF.

Turbo key setting

Press the function key + T key, and the function key enters the Turbo repeating function

■ Turbo setup steps

- ① Press the function key + T key, the function key into the semi-automatic continuous issuing function;
- ② Press the function key + T key, the function key into the automatic continuous continuous function;
- ③ Press the function key + T key, and the function key Turbo repeating function is cancelled;

■ Gear adjustment mode

- combine the key Turbo key + "+ key or-key" to adjust the gear position. Turbo can be set: slow---middle----fast a total of three gears, 8 times / second for slow gear, 16 times / second for middle gear, 21 times / second for fast gear.

■ Clear all Turbo functions

- long press the T key for 5 seconds, cancel all function key repeating function;

- Remarks:
Function keys can be set: A, B, X, Y, RB, LB, RT, LT, R3 (right 3D down), L3 key (left 3D down press key), cross direction key;

Motor vibration setting

- Vibration 3 gear setting: strong, medium, weak;
- Default settings: in
- Vibration setting method: T key + left 3D joystick (push up or push down) to adjust the vibration, order: in+ - - - +strong- - - +weak.

Controller charging indicator light and charging characteristics

- ■ If the handle is turned off when charging: LED indicator "1-4" full
- light at the same time slow flash, fully charged LED lights off.
- ■ If the handle is connected to the host when charging in use: the currently connected channel LED indicator flashes slowly, and the channel indicator is often on after full charge.
■ When charging, pairing connection, return connection and low power alarm, the LED indicator status of pairing connection and return connection is given indicated.

Controller shutdown and automatic dormancy

- Close the handle (shutdown): Long press the HOME key for 5 seconds to Bluetooth connect and enter the dormant shutdown state.
- Switch The host screen is closed or shut down, and the handle is automatically disconnected and enters the dormant shutdown state.
- Within 5 minutes, the handle without any button press, shake the 3D joystick, shake the handle, the handle will automatically enter the dormant shutdown state.

Battery low power alarm

- Low battery power alarm: if the handle battery power is less than 30% power, the atmosphere RGB light flashes;
- Battery low power alarm: if the handle battery power is less than 20% power, the atmosphere RGB light turns off the light, and the current connection channel LED refers to it
The lamp flashes quickly.
- When the battery is low power alarm, charge the handle in time.

Standby loss and standby time:

- During shutdown dormancy, the loss current is less than 15 uA.
Standby time is greater than 90 days.

Default function chart

USB wired connection	Is there a function	Remarks
bluetooth connection	support	
Connect platform mode	support	
Six-axis gyroscope induction	Switch, PC platform	The PC platform only supports a wired connection
ABXY key	have	
Key / + key	have	
The LB key / R8 key	have	
The LT key / RT key	have	Hall linear trigger
HOME key	have	Bring wake up function
Screen button function	have	
Cross direction key	have	
Turbo key	have	Support: semi-automatic and automatic continuous series function
Vibration adjustment key	have	Support for strong, medium and weak regulation
Left(Stick)left(Stick)function)	have	
Left 3D rocker (press down L3 key function)	have	
Right 3D lock (right 3Dfunction)	have	
Right 3D rocker (down R 3 keyfunction)	have	
Macro defines programming keys	have	There are 2 programming back keys
Connect the indicator light	have	white light
Motor pluralism function	have	The hammer vibration
NFC read and write function	have	

lectrical characteristics:

Electrical characteristics of products				
Order number	Project	Technical parameter	unit	Remarks
1	Rated input chargingvoltage	5V	V	
2	charging current	400mA	mA	
3	Dormant standbyloss current	15	uA	
4	Working rated loss current	45mA	mA	Turn off the RGB atmosphere lights
5	Work duration	22 Hours	H	Turn off the RGB atmosphere lights 1、1000mAh 2.1A battery
6	Battery capacity	1000mAh/3.7v		
7	3D joker return	Wired 500Hz,wireless 125Hz		
8	The 3D rocker error rate	Less than 0.2%		
9	The 3D rocker adsorption	No adsorption		

Description of the power consumption used by the RGB atmosphere lamp				
Order number	Project	qualification	unit	remarks
1	close	45mA	22 Hours	"-key" + "+ key" + "+ key" can turn off the RGB light
2	Magic color RGB light (purple	200mA	5 Hours	
3	white	330mA	3 Hours	
4	Green yellow / Cyan	240mA	4 Hours	
5	Red / green /blue	140mA	7 Hours	

Environmental conditions

Order number	project	qualification	unit	remarks
1	workingtemperature	5~45	℃	
2	storagetemperature	-10~60	℃	
3	relativehumidity			
4	Heatdissipationmethod			

Notes

- This product is not in use.
- This product can not be used or stored in a wet environment.
- This product in use or storage, should try to avoid dust, pressure, so as not to affect the service life.
- This product is caused by flooding, damaged or broken, electrical performance problems, please stop use.
- Do not use the microwave oven and other external heating equipment to dry it.
- If there is any damage, please send it to the maintenance department in time. Do not remove it by yourself.
- Don't play with this product for children.

FCC Warnning:

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 againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.