

# N1 遥控器说明书

## N1 Remote control Manual

温馨提示：感谢您购买本产品！错误的操作可能造成不能正常使用，甚至损坏相关设备，我们强烈建议您在使用设备前仔细阅读本说明书，并严格遵守规定的操作程序。我们不承担因使用本产品而引起的任何责任，包括但不限于对附带损失或间接损失的赔偿责任；同时，我们不承担因擅自对产品进行修改所引起的任何责任。我们有权在不经通知的情况下变更产品设计、外观、性能及使用要求。

注意：短按按键的意思是：按下开关在 1 秒左右就要松开，长按 按键的意思：按住按键不松开。

Warm tip: Thank you for buying this product! Incorrect operation may result in improper use or even damage to the relevant equipment, which is strongly recommended

You should read this manual carefully before using the equipment and strictly follow the prescribed operating procedures. We are not liable for any damage caused by the use of this product

Liability, including but not limited to liability for incidental loss or indirect loss; At the same time, we are not responsible for the unauthorized modification of the product caused

Of any responsibility. We reserve the right to change product design, appearance, performance and usage requirements without prior notice.

Note: Short button means: press the switch in about 1 second to release, long button means: hold the button does not release.

### 1. 规格参数：

#### 1. Specification parameters:

Name	Specifications	parameters
S2	Battery size	602540
S2	Battery capacity	3.7V/600mA
S2	Charging time	20 to 50%
S2	Charging interface	type-c
S2	Rope for hanging	Support
S2	weight	55g
S2	Means of communication	2.4G
S2	Remote control distance	20M
S2	Display type	TFT1.14 /RGB
S2	Size of display screen	1.14 寸/17mm*31mm

### 2. 功能说明

#### 2. Functional description

参数调节：

Parameter adjustment:

双驱/四驱选择，单位选择，皮带轮毂选择，轮径极对数传动比设置，显示屏亮度调节，无感有感切换，1234 档速度/加速曲线/电流功率调节，滑行减速调节，1234 档颜色选择，电压显示，定频测试，前驱动力设置。

Dual drive/four-wheel drive selection, unit selection, belt hub selection, wheel diameter pole logarithmic transmission ratio setting, display brightness adjustment, sensorless switching,

1234 speed/acceleration curve/current power adjustment, sliding deceleration adjustment, 1234 color selection, voltage display, fixed frequency test, front drive power setting.

遥控器开机:

Start the remote control:

长按电源按键 Power/3 秒开机, 显示屏亮起。

The long press power button power/3 seconds, the screen is on.

遥控器关机:

Remote control shutdown:

长按 3 秒电源按键 Power,

Press and hold the Power button for 3 seconds.

遥控器自动关机:

Automatic shutdown of remote control:

遥控器无连接滑板车, 30 秒自动关机, 遥控器和滑板车有连接, 不会自动关机, 必须等待滑板车关机后无连接状态 30 秒后关机,

The remote control is not connected to the scooter, which will automatically shut down in 30 seconds. The remote control is connected to the scooter, which will not automatically shut down. You must wait for the scooter to shut down

Power off after 30 seconds without connection,

单位切换:

Switching units:

遥控器在关机状态下, 长按 1 号和 2 号按键, 显示菜单界面, 按 2 号件屏幕箭头指向上下移动, 移动到 UNIT: KM/H MPH, 波动滚轮切换公里和英里。

In the off state of the remote control, long press No. 1 and No. 2 button to display the menu interface. Press the arrow pointing to No. 2 screen to move up and down to UNIT: KM/H MPH, and fluctuate the roller to switch kilometers and miles.

轮子时速显示调节:

Wheel speed display adjustment:

遥控器在关机状态下, 长按 reverse 和 power 按键, 显示菜单界面, 按 power 件屏幕箭头指向上下移动, 移动 WHEEL DIAMETER:100 轮径设置, MOTOR POLE PAIRS:10 电机极对数设置, SPEEDRATIO:1.0 传动比设置, 请根据车型的配置设置合理的参数。

In the shutdown state of the remote control, long press the reverse and power buttons to display the menu interface, press the arrow of the power device screen to move up and down, move WHEEL DIAMETER:100 wheel diameter setting, MOTOR POLE PAIRS:10 motor pole logarithm setting, SPEEDRATIO: 1.0

To set the transmission ratio, please set reasonable parameters according to the configuration of the model.

遥控器显示内容:

Remote control display content:

滑板车电量, 遥控器电量, ODO 总里程, 单次里程记录, 冲刺最高时速记录, 时速, 正/反转显示, 速度档位, 刹车档位, 通讯指示等。

Scooter battery, remote control battery, ODO total mileage, single mileage record, sprint maximum speed record, speed, forward/reverse display, speed gear, brake gear, communication indication, etc.

振动提示:

Vibration Tips:

开机振动一次, 无连接滑板板振动 2 次, 按 Power 按键振动一次, 按 Reverse 振动一次, 长按 Power

The boot vibrates once, the slide vibrates twice without connection, vibrates once by pressing the Power button, vibrates once by pressing Reverse, and long presses Power

关机振动一次，错误学习中位长时间振动，滑板车电量低于 10%振动 2 次，  
The scooter vibrates once when it is off, the median long time vibration of the wrong learning, and the scooter vibrates twice when the battery is below 10%

学习遥控器中位:

Learning remote control:

遥控器在关机状态下，长按 Power 按键和 Reverse 按键直到屏幕显示 THUMBWHEEL:OK，中位学习成功，如果显示 NG，说明中位没学习成功，振动也会长振动。

When the remote control is off, long press the Power button and Reverse button until the screen shows THUMBWHEEL:OK, the median learning is successful. If it shows NG, the median learning is not successful, and the vibration will continue.

照明灯开启:

Lights on:

遥控器开机状态，长按 Reverse 按键，遥控器振动一次，照明灯开启。

When the remote control is on, long press the Reverse button, the remote control vibrates once, and the light turns on.

正/反方向切换:

Forward/reverse direction switching:

双击 Power 按键，屏幕显示箭头方向，正转振动一次，反转振动 2 次

Double-click the power button, the screen shows the arrow direction, the vibration is rotating, and the reverse vibration is two times  
配对方式:

Matching method:

第一步：首先打开滑板车电源，再长按 3 秒滑板车电源按键，滑板车指示灯 0.5 秒闪烁一次后，滑板车进入配对模式，滑板车指示灯长亮代表退出配对模式，滑板车通讯指示灯和遥控器通讯指示同时一起闪烁，代表通讯连接成功。

Step 1: First turn on the power of the scooter, then long press the power button of the scooter for 3 seconds, and the scooter indicator light flashes once in 0.5 seconds before the skateboard. When the car enters the pairing mode, the long light of the scooter indicator means the exit of the pairing mode. The scooter communication indicator and the remote control communication indicator flash together at the same time Shuo MEANS SUCCESSFUL communication connection.

第二步：再打开遥控器电源后，同时按住两个按键，分别 电源按键 和 功能 按键 1 秒就松开，（两个按键同时按下 1-2 秒后两个按键都松开）配对成功。

Step 2: After turning on the power of the remote control, hold down the two keys at the same time, respectively, the power button and the function button for 1 second to release, (two The key is pressed at the same time for 1-2 seconds and then both keys are released.

第三步：观看 滑板车指示灯和遥控器通讯指示同时一起闪烁，代表通讯连接成功。

Step 3: Watch the scooter indicator light and the remote control communication indication flash together at the same time, which means that the communication connection is successful.

滑板车电量指示:

Scooter power indicator:

遥控器成功连接滑板车，如图，B1 为主机 B2 为辅机（主机做为后驱，辅机做为前驱）滑板车电量，电量分 4 段格，全亮是电量（“100%-75%”）电量，（第一格灭“75%-50%”）电量，（第二格灭“50%-25%”）（第三个灭“25%-5%”）电量低于“10%-0%”第四格 0.5 秒闪烁，遥控振动 2 次。

The remote control is successfully connected to the scooter. As shown in the figure, B1 is the host and B2 is the auxiliary machine (the host is the rear drive, and the auxiliary machine is the front drive).

Power is divided into 4 sections of grid, full light is power (" 100%-75% ") power, (the first grid off "75%-50%") power, (the second grid off "50%-25%") (the third "25%-5%") power is lower than "10%-0%" fourth grid flashing 0.5 seconds, remote control vibration 2 times.

遥控器电量指示:

Remote control power indicator:

打开遥控器电源，如图 RM 遥控器电量，电量分 4 段格，全亮是电量（“100%-75%”）电量，（第一格灭“75%-50%”）电量，（第二格灭“50%-25%”）（第三个灭“25%-5%”）第四个灯时候电量只有 5%以内，遥控不能加速，只能刹车。

Turn on the power of the remote control, as shown in the figure RM remote control power, power is divided into 4 sections, full light is power (" 100%-75% ") power, (no A grid off "75%-50%") power, (the second grid off "50%-25%") (the third off "25%-5%") the fourth lamp when the power Only within 5%, remote control can not accelerate, can only brake.

巡航模式:

Cruise Mode:

定速巡航 5-50 公里定速巡航, 在加速过程中, 短按电源 Power 按键进入巡航, 显示巡航标识, 按以下 Power 按键或刹车加速等任何按键, 退出巡航,

Cruise at a constant speed of 5-50km. In the process of acceleration, press the Power button to enter the cruise and display the cruise mark. Yes, press the following Power button or brake acceleration button to exit the cruise,

加速/刹车:

Acceleration/braking:

向前推动“滚轮”以控制滑板前进, 向后拉动“滚轮”以控制滑板刹车。

向前推动“滚轮”可以按键切换速度档位, 向后拉动“滚轮”可以切换刹车力度调节。

Push the "roller" forward to control the skateboard forward, and pull the "roller" backward to control the skateboard brake.

Push the 'roller' forward to switch the speed gear, and pull the 'roller' backward to switch the brake strength adjustment.

滑板车速度档位切换:

Scooter speed gear switch:

在滑板车静止状态, 或者在滑板车 滑行状态, 短按 Reverse 按键切换滑板车四个档位, gear1 低速, gear2 中速, gear3 高速, gear4 运动高速。

In the stationary state of the scooter, or in the sliding state of the scooter, press the Reverse button to switch the four gears of the scooter, gear1 low speed, gear2 medium speed, gear3 high speed, gear4 high speed.

滑板车刹车力度档位切换:

Scooter brake strength gear switch:

遥控器向后拉动“滚轮”不要送开, 同时短按 Reverse 按键, 切换滑板车刹车力度四个档位, brake1 低档刹车力度, brake2 中档刹车力度, brake3 高档刹车力度, brake4 运动档刹车力度。

Pull the "roller" backward on the remote control and do not send it away. At the same time, press the Reverse button to switch the four gears of the scooter brake strength, brake1 low brake strength, brake2 middle brake strength, brake3 high brake strength and brake4 sports brake strength.

四驱模式下前驱动力分配:

Front drive power distribution in four-wheel drive mode:

在菜单模式下选择 FWD MOTOR CURRENT:50% 项可调前驱动力, 数值越小动力越小, 数值越大动力越大。

In the menu mode, select FWD MOTOR CURRENT:50% to adjust the front drive power. The smaller the value, the smaller the power and the larger the value, the greater the power.

遥控器充电:

Remote control charging:

遥控器充电 type-c, 遥控器连接充电后, 遥控器 RM 图标指示遥控器充电动态,

Remote control charging type-c. After remote control is connected and charged, remote control RM icon indicates remote control charging dynamics.

遥控器电量保护:

Remote control power protection:

遥控器电量低于 5% 时电池电压低于 3.2V 向前推动“滚轮”前进被禁止, 向后拉动“滚轮”

When the remote control power is lower than 5%, the battery voltage is lower than 3.2V. Pushing the "roller" forward is forbidden, pulling the "roller" backward.

刹车正常, (不能前进只能刹车)遥控器电量低于 1%电压 3.0V,遥控器自动关机。

The brake is normal, (can't advance only brake) the remote control power is lower than 1% voltage 3.0V, the remote control automatically shuts down.

注意: 当遥控器电量低于最后一格电时, 使用者最好及时给遥控器充电, 避免锂电池因过放而损坏。

Note: When the power of the remote control is lower than the last grid, the user had better charge the remote control in time to avoid damage to the lithium battery due to over-discharge.

信号丢失:

Signal loss:

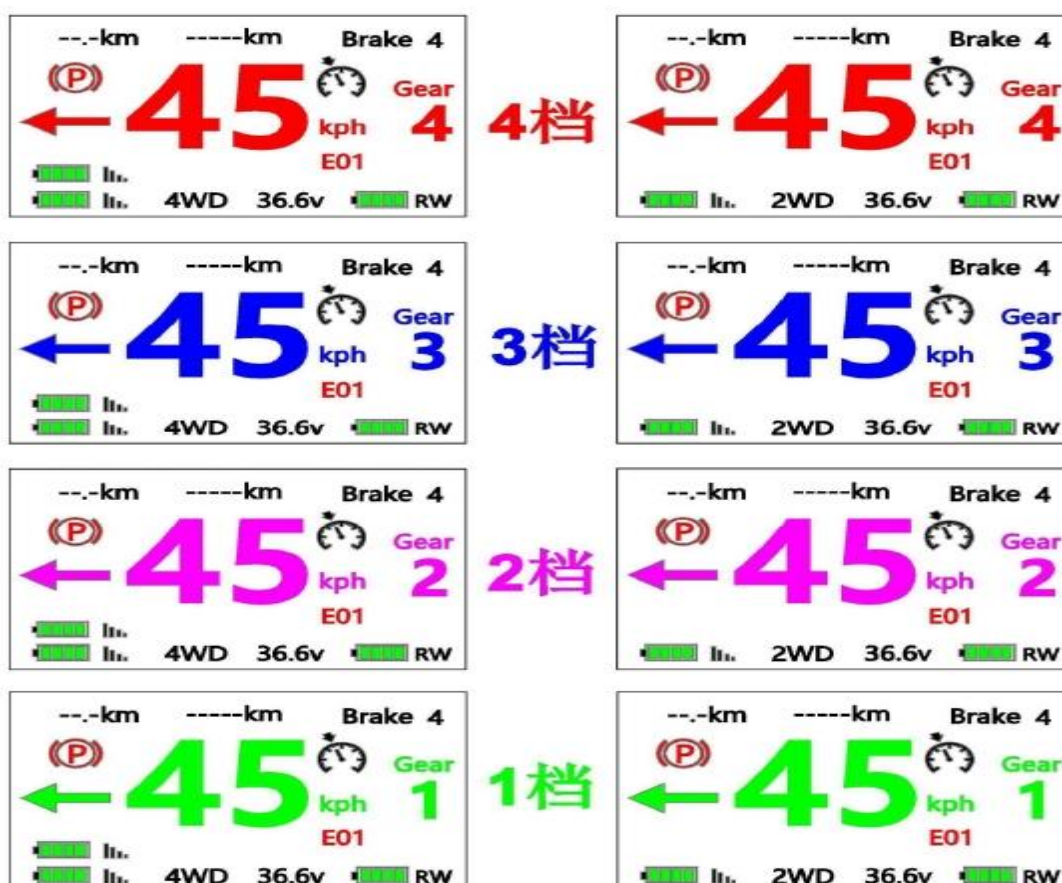
当信号丢失, 如果遥控器在加速状态, 滑板车停止加速, 电机自由滑行, 当滑板车在刹车状态下, 信号丢失时间在 1 秒内刹车依然有效, 1 秒内重新连接, 可继续使用, 如果信号丢失超过 1 秒后, 加速失效, 刹车将失效, 滑板等于自由滑行。

When the signal is lost, if the remote control is in the acceleration state, the scooter will stop accelerating and the motor will glide freely. When the scooter is in the brake state, the signal loss time is still valid within 1 second, and the scooter can be reconnected within 1 second to continue to use if the signal loss exceeds

After 1 second, the acceleration fails, the brake will fail, and the skateboard is equal to free gliding.

四驱、双驱 界面:

Four-wheel drive, dual-drive interface:



界面说明:  
Interface specification:



菜单界面说明:  
Menu Interface Description:

<div>THUMBWHEEL:OKCHARGING...&gt; DRIVE MODE:2WD/AWD/FWD/RWDUNIT:KPH-MPHDRIVE TRAIN:HUB MOTOR / PULLEYEDWHEEL DIAMETER:100MOTOR POLE PAIRS: 10SPEEDRATIO:1.0BRIGHTNESS:75%MOTOR MODE:SENSORED/SENSORLESS</div>	<div>摇杆中位状态 双驱、四驱模式选择 单位切换 电机类型选择 轮径设置 极对数设置 传动比设置 亮度调节 无感有感切换</div>
<div>THUMBWHEEL:OKCHARGING...G1 &gt; TOP SPEED: 30%ACCELERATION: 30%CURRENT: 30%G2 &gt; TOP SPEED: 40%ACCELERATION: 50%CURRENT: 50%G3 &gt; TOP SPEED: 70%ACCELERATION: 70%CURRENT: 70%</div>	<div>1档速度设置 1档加速曲线设置 1档电流设置 2档速度设置 2档加速曲线设置 2档电流设置 3档速度设置 3档加速曲线设置 3档电流设置</div>
<div>THUMBWHEEL:OKCHARGING...G4 &gt; TOP SPEED: 100%ACCELERATION: 100%CURRENT: 100%DECELERATE:50%COLOR G1:COLOR G2:COLOR G3:COLOR G4:</div>	<div>4档速度设置 4档加速曲线设置 4档电流设置 减速比例设置 1档颜色 2档颜色 3档颜色 4档颜色</div>
<div>THUMBWHEEL:OKCHARGING...SHOW VOLT:YES/NO&gt; FREQUENCY:2402FWD MOTOR CURRENT:50%FACTORY RESET:YES Click Power Button To Confirm Reset LONG PRESS POWER BUTTON TO SAVE AND EXIT</div>	<div>电压显示开关 频率测试模式 四驱模式下，前驱动力分配 恢复出厂设置</div>

**FCC Caution:**

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.

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

**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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.