

**dji**  
dji N1 Remote  
Control



## dji N1 Remote Control Owner's Manual

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**dji**

**dji N1 Remote Control**



## Specifications

- Name: N1 Remote Control
- Battery size: 602540
- Battery capacity: 3.7V/600mA
- Charging time: 20 to 50%
- Charging interface: type-c
- Rope for hanging weight: 55g
- Means of communication: 2.4G
- Remote control distance: 20M
- Display type: TFT1.14 /RGB
- Size of display screen: 1.14 /17mm\*31mm

## Functional Description

**Parameter adjustment:** Dual drive/four-wheel drive selection, unit selection, belt hub selection, wheel diameter pole logarithmic transmission ratio setting, display brightness adjustment, sensorless switching, speed/acceleration curve/current power adjustment, sliding deceleration adjustment, color selection, voltage display, fixed frequency test, front drive power setting.

## Start the remote control

**Remote control display content:** ODO, 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.

## Vibration Tips

- The boot vibrates once
- The slide vibrates twice without connection
- Vibrates once by pressing the Power button
- Vibrates once by pressing Reverse

- The scooter vibrates once when it is off
- The median long time vibration of the wrong learning
- The scooter vibrates twice when the battery is below 10%

## FAQ

### Q: How do I adjust the speed settings on the remote control?

A: To adjust the speed settings on the remote control, navigate to the parameter adjustment section and select the desired speed/acceleration curve or current power adjustment option.

## Remote control Manual

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.

## 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 /17mm*31mm

## Functional description

### Parameter adjustment

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.

### Start the remote control

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

## **Remote control shutdown**

Press and hold the Power button for 3 seconds.

## **Automatic shutdown of remote control**

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, Switching units**

### **UNIT: KM/H MPH**

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.

## **Wheel speed display adjustment**

- WHEEL DIAMETER:100 MOTOR POLE PAIRS:10 SPEEDRATIO:1.0
- 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.

## **Remote control display content**

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.

## **Vibration Tips**

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 .

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%

## **Learning remote control**

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.

## **Lights on**

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

## **Forward/reverse direction switching:**

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

## **Matching method**

1. 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.
2. 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.
3. 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.

- **Scooter power indicator:**

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.

- **Remote control power indicator**

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.

- **Cruise Mode**

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

## Acceleration/braking

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.

- **Scooter speed gear switch**

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.

- **Scooter brake strength gear switch:**

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, brake2I middle brake strength, brake3 high brake strength and brake4 sports brake strength.

- **Front drive power distribution in four-wheel drive mode:**

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.

- **Remote control charging:**

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

• **Remote control power protection:**

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.

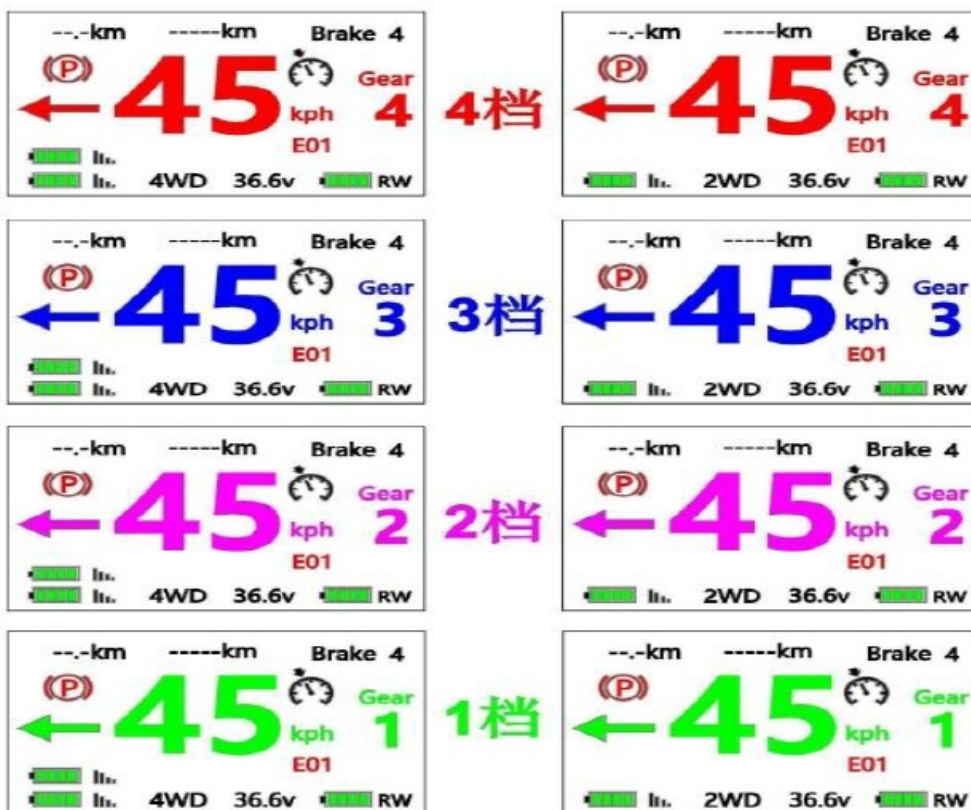
The brake is normal, (can’t advance only brake) the remote control power is lower than 1% voltage 3.0V, the remote control automatically shuts down.

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.

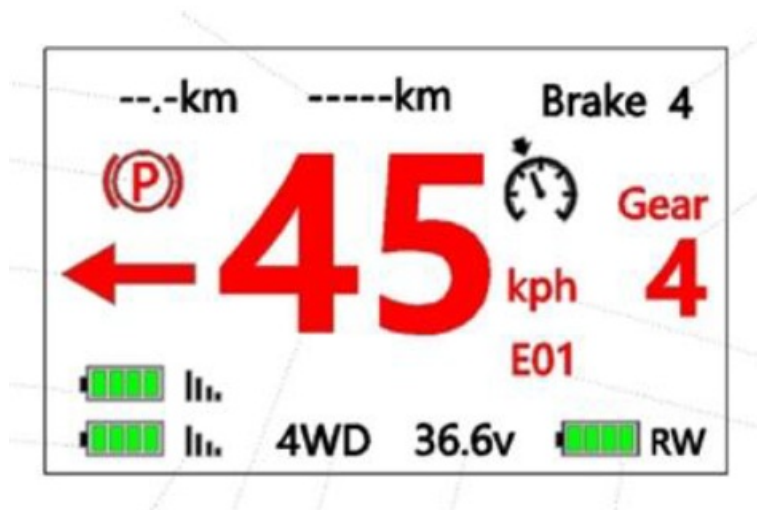
**Signal loss**

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.

**Four-wheel drive, dual-drive interface**



**Interface specification**



## Menu Interface Description

```

THUMBWHEEL:OK          CHARGING...
> DRIVE MODE:2WD/AWD/FWD/RWD
  UNIT:KPH-MPH
  DRIVE TRAIN:HUB MOTOR / PULLEYED
  WHEEL DIAMETER:100
  MOTOR POLE PAIRS: 10
  SPEEDRATIO:1.0
  BRIGHTNESS:75%
  MOTOR MODE:SENSED/SENSORLESS
  
```

```

THUMBWHEEL:OK          CHARGING...
G1 > TOP SPEED: 30%
    ACCELERATION: 30%
    CURRENT: 30%
G2 > TOP SPEED: 40%
    ACCELERATION: 50%
    CURRENT: 50%
G3 > TOP SPEED: 70%
    ACCELERATION: 70%
    CURRENT: 70%
  
```

```

THUMBWHEEL:OK          CHARGING...
G4 > TOP SPEED: 100%
    ACCELERATION: 100%
    CURRENT: 100%
    DECELERATE:50%
    COLOR G1: 
    COLOR G2: 
    COLOR G3: 
    COLOR G4: 
  
```

```

THUMBWHEEL:OK          CHARGING...
SHOW VOLT:YES/NO
> FREQUENCY:2402
  FWD MOTOR CURRENT:50%
  FACTORY RESET:YES

  Click Power Button
  To Confirm Reset
  LONG PRESS POWER BUTTON
  TO SAVE AND EXIT
  
```

## 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.

**Documents / Resources**



[dji N1 Remote Control](#) [pdf] Owner's Manual  
2BK6B-N1, 2BK6BN1, N1 Remote Control, N1, Remote Control, Control

**References**

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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