

LEJOY

LD20

Quick Start Guide

Before using the product, please read the Guide carefully and keep it properly.

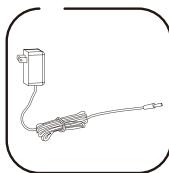
ROBOT
VACUUM CLEANER

Product List

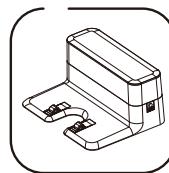
Name × quantity



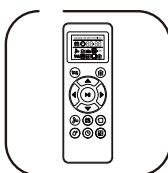
○ Robot Vacuum ×1



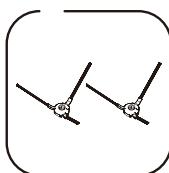
○ Power adapter ×1



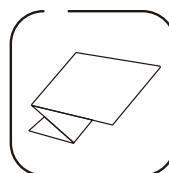
○ Charging dock ×1



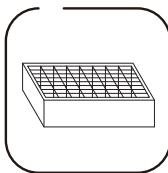
○ Remote control ×1



○ Side brush ×4



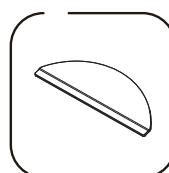
○ User Manual ×1



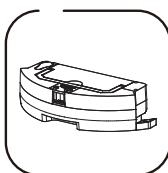
○ HEPA filter ×2



○ Cleaning tool ×1



○ Mop cloth ×2



○ Tank component ×1



○ Warranty card ×1



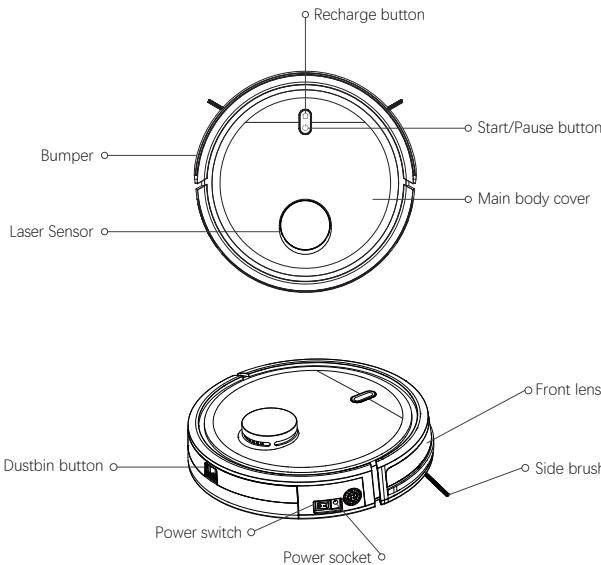
○ After-sales service card ×1

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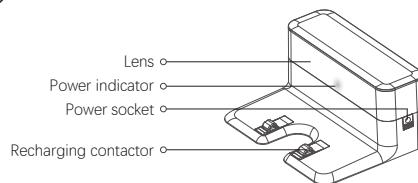
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Components

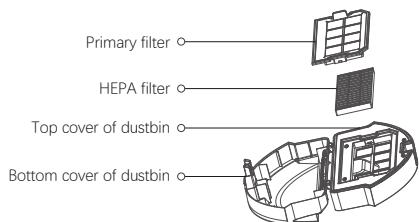
Main body



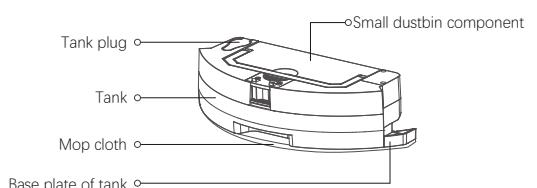
Charging dock



Dustbin



Tank & small dustbin

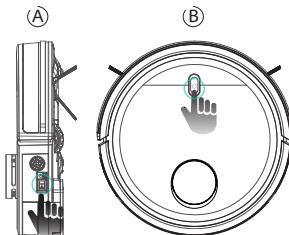


Operating method

Start

- A. Make sure the power switch on one side of machine is turned on;
B. Press the Clean button on the main body or the "Start/Pause" button on the remote control to start the machine.

*Note that if the machine is in the sleep mode, press the "Start/Pause" button will awaken the machine; press the "Start/Pause" button again to start the machine.



Pause

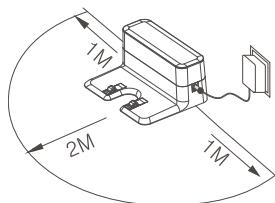
Pause is to switch the machine from the working mode to the standby mode, and can be realized by pressing the Clean button on the main body or the "Start/Pause" button on the remote control.

Sleep

The machine will, upon the lapse of 2 minutes without operation after entry into the Standby mode, enter into the Sleep mode.

*Note that if the machine is left unused for a long time, please turn off the power switch.

Operation of the charging dock



The machine can be charged by the following two means

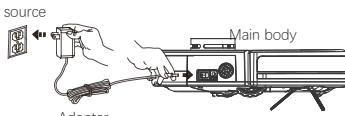
A. Manual charging

- ▷ Directly connect one end of the power adapter into the power socket on the main body and the other end of the adapter to the power source;

*Attention!
Pressing the Clean button when the machine is being charged on the charging dock will interrupt charging and make the machine start to clean. This operation will fail when the machine is charged directly with a charger.
Make sure the power source for the main body is turned on upon charging

Place the Charging Dock

- ▷ Make sure the power unit is turned on. Set the charging dock in place, connect the adapter and power source. At this time, the power indicator on the charging dock will remain constantly on.
▷ Set the charging dock against wall; remove all obstacles within 1m along the left and right sides and 2m ahead.

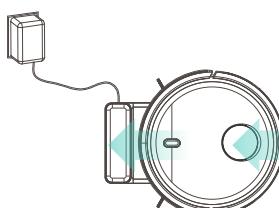


B. Automatic charging

- ▷ When the battery is less than 20% or the robot finishing cleaning, the machine will automatically switch to the Recharge mode and start to seek for the charging dock.
▷ The sensing distance is 4m from the center of the charging dock. Make sure the charging dock is electrified and set in an area with as fewer obstacles as possible; or otherwise it may be difficult for the machine to find the charging dock for charging.

*Attention!

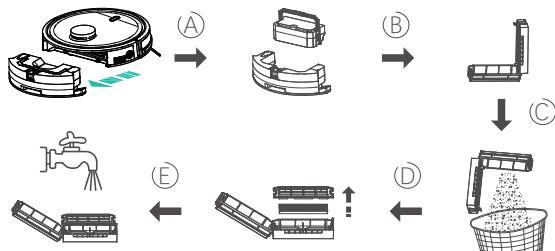
- When the machine is being charged, the Clean button will flicker.
- The initial charging of the machine should last for 12 hours; after the machine gets fully charged, the Clean button will stop flickering.
- After the machine runs out of battery, please check for charging of the machine.
- If the machine is left unused for a long time, please turn off the power switch.



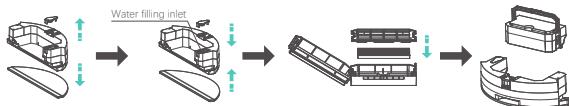
Operating Method

Tank & small dustbin cleaning

- A. Press the tank button, and remove the tank along the direction indicated by the arrow.
- B. Take the dustbin out from the top of the tank, and open it.
- C. Dump the dirt.
- D. Take out the filter holder, then the HEPA filter and the mop cloth.
- E. Rinse the dustbin and the filter holder; use the cleaning brush to clean the high efficiency particle air (HEPA) filter. For the primary filter holder, it is recommended to clean it once every 15 days; for the HEPA filter, it is recommended to clean it once a week, and the maximum length of service period should not exceed 3 months.
- F. Reinstall the components properly. Before use, make sure the primary filter and the HEPA filter are dry and well installed, while the tank is filled full with water and sealed with the sealing plug. The tank capacity is about 300ml. For control over the water discharge rate, please set the water discharge mode of the tank following the remote operation instructions in the Manual.



(F) Water filling of the tank



Attention!

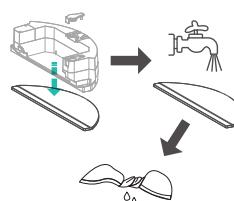
- A. Please clean the dustbin after each time of use.
- B. Components should be dried without direct exposure to the blazing sun before being put back into the machine for use, so as to prevent damage to the functions and service life of the machine.
- C. The HEPA filter must not be washed with water.
- D. The primary filter and the HEPA filter should, once damaged, be immediately put out of service and replaced, so as to prevent damage to the internal motor.

Maintenance of the mop cloth

- Remove the mop cloth, wash and wring it until no water

※Attention:

- A. Do not use the mop cloth when it is still dripping, so as to prevent slip of the product during work.
- B. Working environment: on wooden floor, tile-paved floor, marble surface, painted hard floor, and such other floors.
- C. The mop cloth is a component of the tank, and is only fit for partial models. For details, refer to the packing list.
- D. Do not use the tank kit on any carpet.

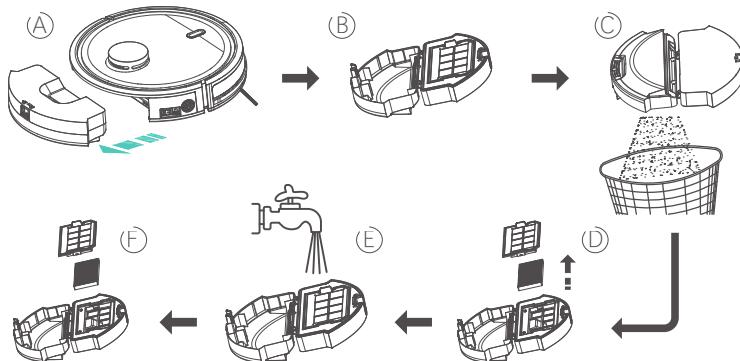


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Operating Method

Dustbin cleaning

- A. Press the dustbin button, and remove the dustbin along the direction indicated by the arrow
- B. Open the dustbin
- C. Dump the dirt
- D. Take out the primary filter holder and then the HEPA filter
- E. Fully clean the dustbin, the HEPA filter and the primary filter; for the primary filter, it is recommended to clean it once every 15-30 days of use; for the HEPA filter, the maximum length of service life is 3 months.
- F. Reinstall the components properly. Before use, make sure the HEPA filter and the primary filter are well installed, so as to prevent damage to the machine.



Attention!

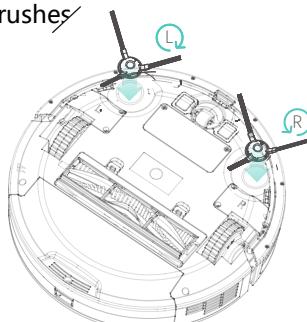
- A. Please clean the dustbin each time after use.
- B. Components should be dried after washing without direct exposure to the blazing sun before being put back into the machine for use, so as to prevent damage to the functions and service life of the machine.
- C. The HEPA filter must not be washed with water.
- D. The primary filter and the HEPA filter should, once damaged, be immediately put out of service and replaced, so as to prevent damage to the internal motor.

Dressing of the left and right side brushes

The side brushes may curl after long-time use. Curled side brushes may be soaked in 75°C water for 3-5 minutes to make them spread or by ironed flat. If the side brushes cannot work normally due to any damage, please replace them.

Attention!

Upon replacement of the side brushes, please align the L and R marks on the side brushes correspondingly to the L and R marks on the bottom of the machine.



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Remote Operation

Operations via APP

The machine can be operated by voice commands via any of such APPs as Alexa and Google Assistance. Download one of the APPs to your smart device and link it with the machine following relevant procedures specified in the Guide; then you may awaken the machine to perform cleaning/recharging/mopping operations via the smart device.

For details, refer to the APP Operation Guide

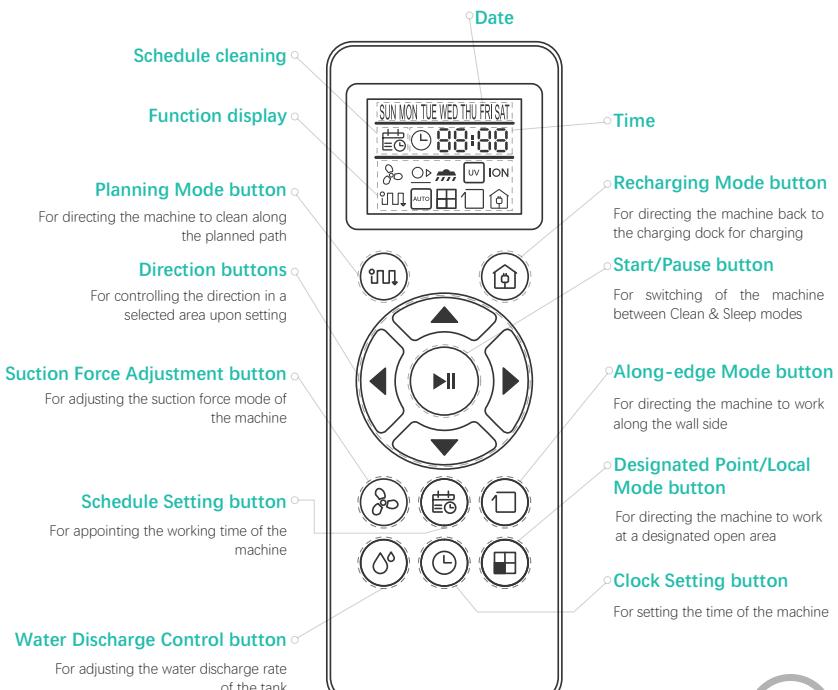


Operation of remote control

When no button is pressed, the remote control panel will simply show the time.

If there is any appointed task, it will also show the appointment icon (the same in other modes).

*For detailed operating method, refer to the User Manual



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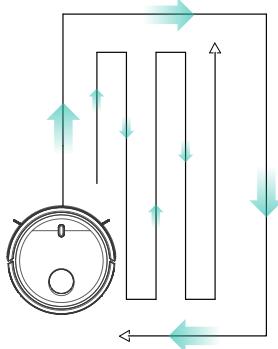
Clean mode

Planning mode

Click "Zig-zag" button on the APP to start cleaning, the machine will scan the environment and then start Zig-Zag cleaning mode. After the cleaning, it will automatically go back to the charging dock for a recharge.

Attention!

The machine may be stopped in any cleaning mode by pressing the "Start/Pause" button on the remote control or the Clean button on the main body.

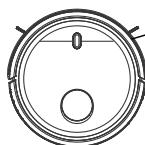


APP Designated Cleaning

- Click "Spot" on the APP to enter next page
- Click on the map to mark the location, and then click "Spot Cleaning", the machine will go to the designated location and start cleaning in a 1m x 1m square area. and then stop.

Attention!

This function can only be realized after the machine builds a map, and the robot is not in charging.

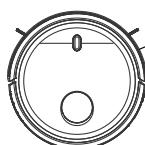
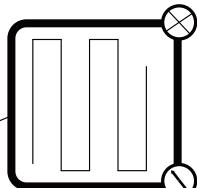


APP Zone Cleaning

- Click "Zone Cleaning" to enter next page
- Click "+" to add a desired cleaning zone in the map
- Click "Start", the robot will go to the designated zone and start Zig-zag cleaning mode, after cleaning, it will stop.

Attention!

This function can only be realized after the machine builds a map, and the robot is not in charging.



Troubleshooting

Common faults and countermeasures

Warning codes table

Common faults of the machine and countermeasures are described below.

No.	Status	Indicator
1	Side brush/ rolling brush malfunction	Green and blue light flashing alternately
2	Left/Right driving wheel malfunction	Green and Cyan light flashing alternately
3	Bumper/Anti-fall sensor malfunction	Blue and Cyan light flashing alternately
4	Fan motor malfunction	Blue light flashes quickly
5	Standby/ Pause	Blue light flashing
6	Working	Blue light always on
7	Look for the Charging Dock	Green light flashes
8	Charging	Breathing light flashes

Causes	Indication	Countermeasure
Fan motor malfunction	Blue light flashing quickly	Check the fan motor status
Bumper/Anti-fall sensor malfunction	Blue and Cyan light flashing alternately	Check the bumper/anti-fall sensor
Side brush/ rolling brush malfunction	Green and blue light flashing alternately	Clean side brushes/ rolling brush
Left/right driving wheel malfunction	Green and Cyan light flashing alternately	Clean driving wheels

»Attention!

If the abnormalities cannot be eliminated by using the methods above, please try the following actions:

- ▶ Turn off the power switch on the back of the main body and then turn it on again to restart the machine.
- ▶ If the machine still fails to work, please send the machine to the after-sales service center for repair. If any special tool is needed for repair, please do not make the repair by yourself, but send the machine to a maintenance station designated by our company.

Specifications and Parameters

Product parameters

Classification	Item	Parameters
Structure	Diameter	345mm
	Height	103mm
	Weight (net weight)	2.8kg
Electronics	Working voltage	14.8V 
	Battery specification	Lithium battery pack, 3200mAh
Function parameters	Input voltage	19V 
	Input current	1A
	Charging mode	Manual charging /automatic recharging
	Charging time	4-6h
	Working time	90-120min
	Cleaning mode	Cleaning in a zigzag manner, along-edge cleaning
	Dustbin capacity	600ml
Operation control	Buttons on the main body	Tap button
	Remote control	Infrared remote control , APP



Warranty provisions

Warranty on repair/replacement

The product is subject to "three guarantees" for repair, replacement or compensation in case of any performance fault not attributable to artificial damage within the warranty period, i.e.:



Return without reason within 7 days

Within 7 days, the machine may be returned unconditionally against the purchase evidence, provided the package has not been opened.

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Return for a free replacement within 15 days

Within 15 days, the machine may be returned for a replacement if it fails by any reason other than artificial damage.

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18-months warranty period

Within 18 months, the machine may be returned to the manufacturer for free repair if it fails for any reason other than artificial damage.

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The battery enjoys a 6-month warranty period

Inapplicability of warranty

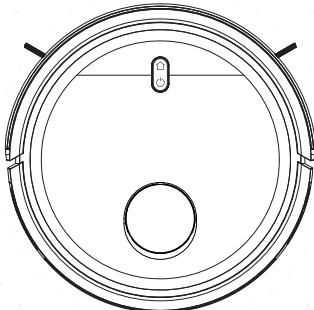
The warranty shall not apply in any of the following circumstances (including without limitation):

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- No "purchase evidence" is presented or the "warranty period" has expired
- The machine is damaged by fire, flood, lightning or other force majeure event
- The machine is damaged due to failure of proper use, maintenance or care required in the User Manual
- The machine is damaged due to dismantlement for repair by the user without permission
- Normal discoloring, wear and consumption occur during use of the product
- Failure of the product occurs due to poor network of the consumer

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In any of the foregoing circumstances, please turn to corresponding responsible party for a solution or alternatively procure relevant paid service



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