

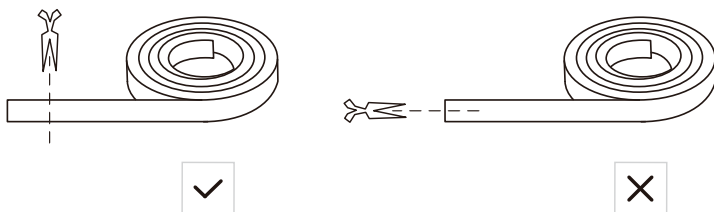
3.8 Use the Boundary Strip

To use the boundary strip function, please prepare the special boundary strip in advance, which can be found on the DEENKEE App store or at other DEENKEE branded online outlets.

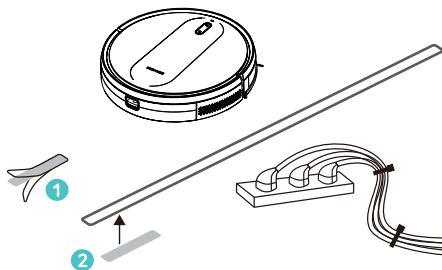
With the Boundary Strip, you can keep robot away from any area or item you do not want robot to clean.

The robot will recognize the boundary strip and will not cross the strip.

1. Identify the area or item you do not want robot to get close to.
2. If necessary, use scissors to cut the Boundary Strip to a shorter length. Make sure to measure correctly the length of the strip you need before cutting.



3. Apply the supplied strips of adhesive tape to lay the Boundary Strip flat on the floor. Make sure the strip is placed FLAT on the floor or under an area rug.



- If the Boundary Strip is rolled up, remove and then re-apply on the floor with adhesive tape. Otherwise the Boundary Strip may not work well.
- Make sure the Boundary Strip is placed on the same surface plane robot is used on.
- Be careful not to damage the floor when using adhesive tape. It is not recommended for use on carpets.
- Keep the Boundary Strip away from objects that emit excessive heat.

3.9 Use Your Robot with Amazon Alexa/ the Google Assistant

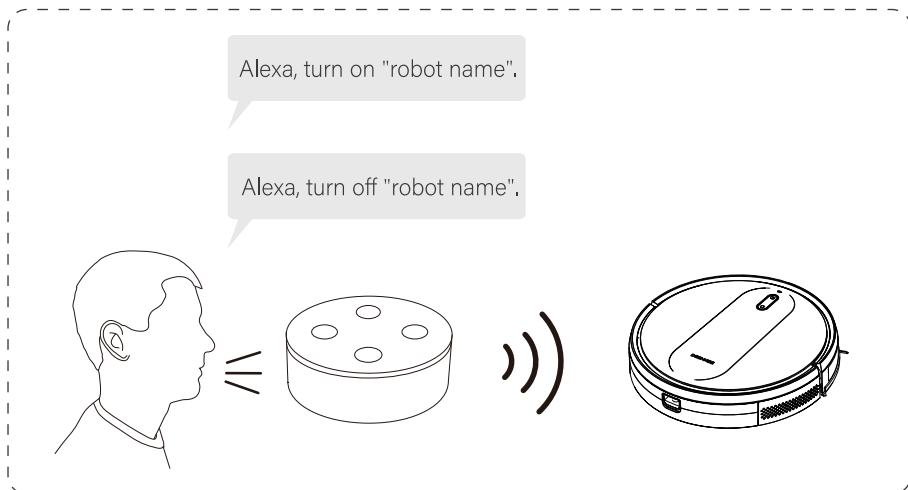
Amazon Alexa or the Google Assistant is a smart voice control device that enables you to control robot with your voice.

Before you start, make sure that:

- The robot is connected to the Charging Base to ensure there is enough power.
- The robot is connected with the DEENKEE App.
- You have an Alexa-enabled device (i.e. Amazon Echo, Echo Dot and Amazon Tap, Echo Show, Echo Spot) or a device enabled with the Google Assistant (i.e. Google Home, Google Home Mini). These devices are sold separately.
- The Amazon Alexa App or Google Home App is already installed on your smart device, and you have created an account.

To control Robot with Amazon Alexa

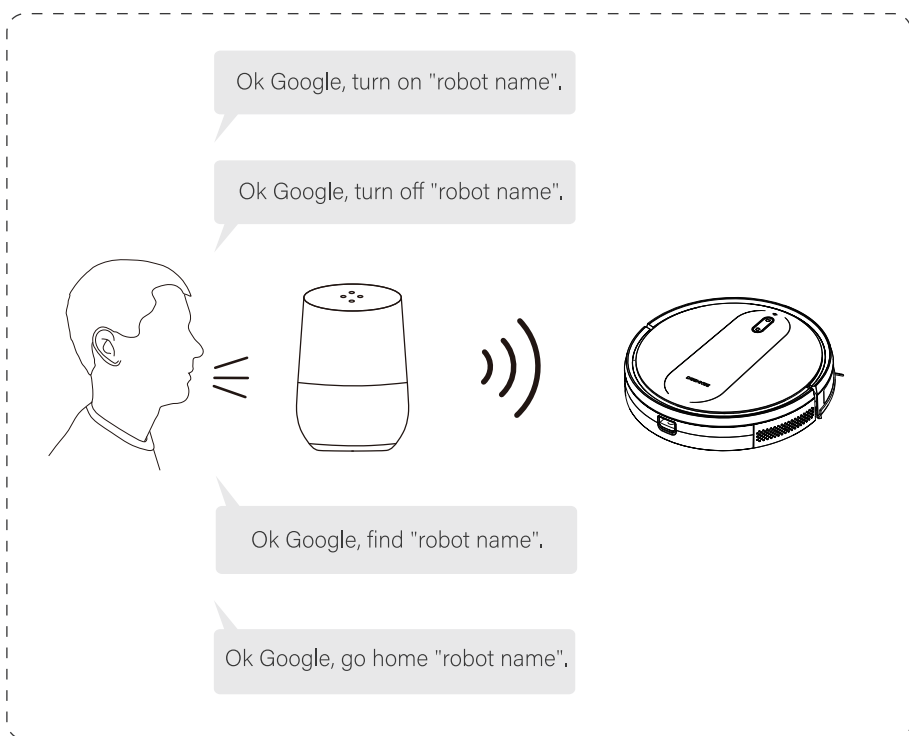
- Open the Amazon Alexa app and select "Skills & Game" from the  menu.
- On the **Skills** screen, search for "DEENKEE HOME".
- Once you have found the "DEENKEE HOME" skill, tap **Enable**.
- Login with your DEENKEE account so that Alexa can control your robot.
- Say simple commands to Alexa.



To control the robot with the Google Assistant

The robot now works with the Google Assistant on devices like the Google Home.

- Open the Google Home App.
- Say "Ok Google, talk to Robot" to the Google Assistant-enabled device to initiate the Google action for Robot.
- Follow the instructions in the Google Home app to authorize the Google Assistant with your DEENKEE App account.
- To control Robot with your voice, say simple commands to Google Assistant.



4 Regular Robot Care

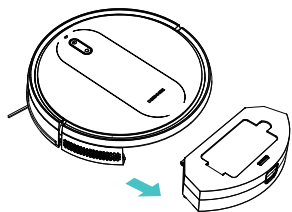
To keep robot running at peak performance, perform the following care procedures. If you notice robot picking up less debris from your floor, then empty the bin, clean the filter and rolling brush.

Recommended Cleaning / replacement frequency:

D30	Cleaning	Replacement Frequency
Dust Bin	After each use	—
Filters	Once every week	Every 2 months
Rolling Brush	Once every week	Every 6-12 months
Side Brushes	Once every month	Every 3-6 months(or when visibly worn)
Sensors	Once every month	—
Charging Pins	Once every month	—
Swivel Wheel	Once every month	—

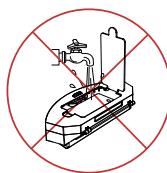
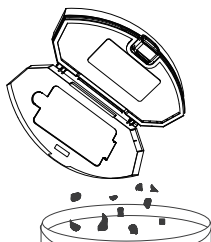
4.1 Emptying Robot 's Bin

- 1 Press bin release button to remove the bin.



- 2 Open the dust box side cover, Dumping the rubbish. The dust box should be scrubbed with mop.

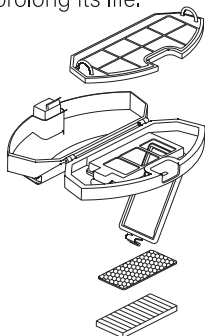
Note: The dust box should be scrubbed with mop, Do not allow water to seep into the fan port when cleaning.



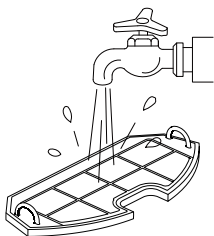
4.2 Cleaning Robot 's Filter

- 1 Open the dustbin and remove the filter, sponge and filter gauze.

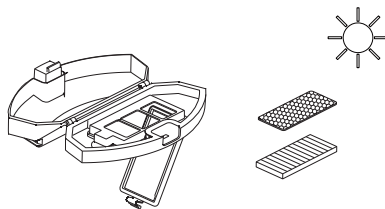
Note: Rinsing the filter directly with water is not recommended. Gently tapping to remove dust will effectively prolong its life.



- 2 Rinse the filter gauze.

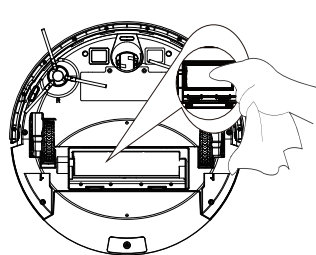
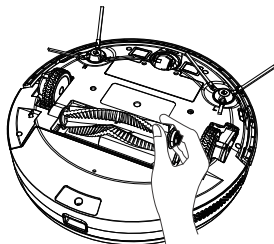
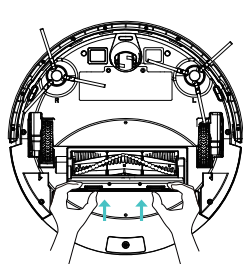


- 3 Dry the dust box and filter cloth. Make sure it is dry when you install it back.

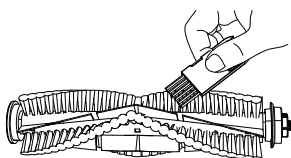


4.3 Cleaning Robot 's Rolling Brush,Side Brush, Swivel Wheel

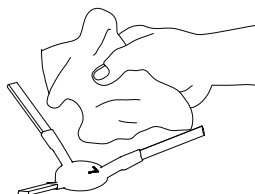
- 1 Take out the rolling brush, clean the vacuuming aisle by a cloth.



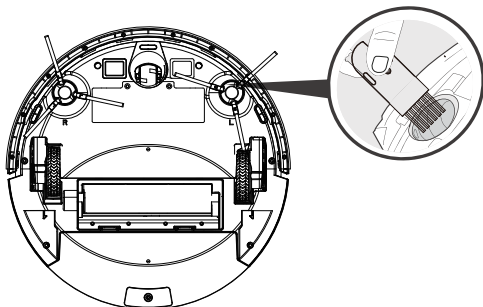
- 2 Clean the rolling brush, Cut down the hair winded in the rolling brush with the provided cleaning tool's knife.



- 3 Remove the side brush, use a cloth to remove the dust from the brush.



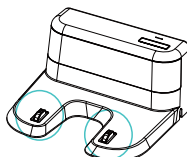
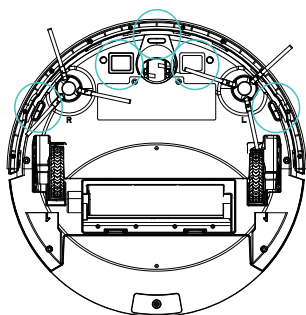
- 4 Pull out the swivel wheel, then clean the Swivel Wheel with the cleaning tool.



4.4 Clean the Sensors and Charging Pins

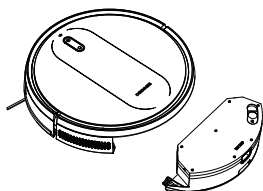
To maintain the best performance, clean the drop sensors and charging pins regularly.

- Dust off the drop sensors and charging contact pins using a cloth or cleaning brush.

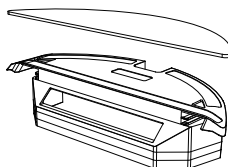


4.5 Cleaning Robot's Water Tank

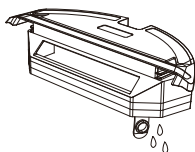
1 Take out the water tank assembly.



2 Remove the mop.



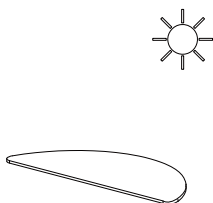
3 Empty the Water Tank.



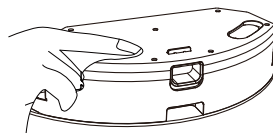
4 Washing mop.



5 Let the mop dry in the sun.



6 Dry or naturally dry the water tank.



5 Troubleshooting

5.1 Error Tones

When the robot witness any trouble, it will emit a series of short or long beeps and the red indicator on robot will be solid or flashing.

Flashing red indicator light		
Error Tone	Cause	Solution
Two beeps	Robot's bumper is stuck.	Tap robot's bumper several times to dislodge any debris that may be trapped underneath.
Three beeps	Robot's drop sensors are dirty. Robot is stuck on the ledge of a staircase and cannot reverse.	- Clean the drop sensors gently with a dry cloth. - Place robot in a new location. - Use a physical barrier to block off the problem area.
Four beeps	Robot's power level is too low.	Manually charge robot for at least 5 hours.
Five beeps	Magnetic stripe sensor misidentification	- Check for magnets around the floor. - Remove the magnets.
Solid red indicator light		
Error Tone	Cause	Solution
One beep	Robot's left/right wheel is stuck.	Turn off robot and remove any hair or debris from the left/right wheel.
Two beeps	Robot's side brush is stuck.	Turn off robot and remove any hair or debris debris from the side brush.
Three beeps	Robot's suction fan is stuck.	- Turn off robot and remove any hair or debris empty the dust collector. - Make sure the suction inlet is not blocked by any hair or debris.
Four beeps	Robot's rolling brush is stuck.	Turn off robot and remove any hair or debris rom the rolling brush.

5.2 Frequently asked questions

Problems	Solutions
Robot cannot be activated.	• Make sure the main power switch is in the ON position. • Make sure the battery is fully charged. • If you still have trouble, turn off the main power switch, wait then turn it back on.
Robot stops working suddenly.	• Check if robot is trapped or stuck on an obstacle. • Check if the battery level is too low. • If you still have trouble, turn off the main power switch, wait for 2 seconds and then turn it back on.
You cannot schedule cleanings.	• Make sure the main power switch on the bottom of robot is turned on. • Make sure the time, time of day (AM/PM), and the scheduled time have been set correctly. • Check if robot's power is too low to start cleaning.
Suction power is weak.	• Check if any obstructions are blocking the suction inlet. • Empty the dust collector. • Clean the filters with a vacuum cleaner or a cleaning brush. • Check if the filters are wet due to water or other liquid on the floor. Air-dry the filters completely before use.
Robot cannot be charged.	• Check if the indicator on the Charging Base lights up. If not, contact the DEENKEE service center to repair or replace the Charging Base. • Dust off the charging contact pin with a dry cloth. • Check if you can hear a beep when robot is docked onto the Charging Base. If not, contact the DEENKEE service center to repair or replace the harging Base.

Problems	Solutions
Robot cannot return to the Charging Base.	- Remove objects within 3 ft/1 m to the left and right side and within 6ft/2 m of the front of the Charging Base. - When robot is in the vicinity of the Charging Base, it will return more quickly. However, if the Charging Base is located far away, robot will need more time to return. Please be patient as it works its way back. - Clean the charging contact pins.
The rolling brush does not rotate.	- Clean the rolling brush. - Check if the rolling brush and brush guard have been installed properly.
Robot's movements or travel path are abnormal.	- Clean the sensors carefully with a dry cloth. - Restart robot by turning the power switch off and on.
Robot cannot connect to a Wi-Fi network.	Make sure your Wi-Fi router supports the 2.4GHz and 802. 11b/g/n bands; the 5GHz band is not supported. For details, refer to the "Troubleshooting > Wi-Fi connection" section in this manual.
You cannot control Robot with Amazon Alexa.	- Check if there are any Internet connection problems. - Check whether you have installed the Amazon Alexa app onto your smart device and enabled "Smart Life" Skill in the Amazon Alexa app. For details, refer to the "Use Your Robot with Amazon Alexa/ the Google Assistant" section in this manual. - Make sure you have an DEENKEE account. - Make sure you are using correct Alexa voice-commands.
You cannot control Robot with the Google Assistant.	- Check if there are any Internet connection problems. - Check if you have installed the Google Home App onto your smart device and initiated the "Smart Life" action in the Google Home app. For details, refer to the "Use Your Robot with Amazon Alexa/ the Google Assistant" section in this manual. - Check if you are using the proper commands when talking to the Google Assistant. When making your request, first say the wake words "Ok Google". - Repeat your question. Speak clearly to the Google Assistant.

5.3 Wi-Fi Connection

Before Wi-Fi setup, make sure robot and your Wi-Fi network meet the following requirements.

Wi-Fi Setup Requirements

Robot:

- Robot is fully charged and the main power switch on the bottom of robot is turned on.
- Wi-Fi status light slowly flashes green.

Wi-Fi Network:

- Use the correct password for your network.
- Do not use a VPN (Virtual Private Network) or Proxy Server.
- Your Wi-Fi router supports 802.11b/g/n and IPv4 protocol.
- You are using a 2.4GHz router or a dual-band router that is configured to support a 2.4GHz frequency band. Robot does not support 5GHz frequency band.
- If robot cannot connect to the Wi-Fi network and you are using a 2.4/5GHz mixed network, switch to a 2.4GHz network for Wi-Fi setup. You can switch back once your setup is complete.
- When connecting to a hidden network, make sure you enter the correct network name, SSID (case sensitive), and connecting to a 2.4GHz wireless network.
- When using a network extender/repeater, make sure the network name (SSID) and password are the same as your primary network.
- The firewall and port settings of your Wi-Fi router allow robot to connect with the DEENKEE servers.

Network Security Requirement

- WPA and WPA2 using TKIP, PSK, AES/CCMP encryption.
- WEP EAP (Enterprise Authentication Protocol) is not supported.

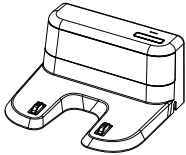
Wi-Fi Channels

- The FCC requires that all wireless devices in the United States operate on the 1-11 wireless spectrum channels.
- Some countries outside North America can use spectrum channels higher than channel 11. Refer to your local regulatory agency to determine which channels are accessible.
- A future software release will support access to channels above 11 for users outside North America. Until then, use channels 1-11.

If you cannot control robot with your smartphone, try the solutions below to solve the problem. If the problem persists, contact the DEENKEE service center for help.

6 Specifications

	Product Model	D30
	Input	24V $\overline{\rule{0.5em}{0.4pt}}$ 1.0A
	Battery VoltageDC	14.4 V
	Power Consumption	25 W
	Battery Type	DC 14.4 V Li-ion 2600 mAh
	Dust Collector Capacity	0.6 L
	Max Cleaning Time	120 min
	Charging Time	240 - 300 min

	Input	24 V $\overline{\rule{0.5em}{0.4pt}}$ 1.0 A
	Output	24 V $\overline{\rule{0.5em}{0.4pt}}$ 1.0 A

7 FCC STATEMENT :

1. 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.

2. 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.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm

between the radiator & your body

IC warning

- English:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

RF warning statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled

environment. This equipment should be installed and operated with minimum distance 20cm

between the radiator & your body.

- French:

L' émetteur/r écepteur exempt de licence contenu dans le pr ésent appareil est conforme aux CNR d' Innovation, Sciences et D éveloppement é conomique Canada applicables aux appareils radio exempts de licence. L' exploitation est autoris é e aux deux conditions suivantes :

- 1) L' appareil ne doit pas produire de brouillage;
- 2) L' appareil doit accepter tout brouillage radio é lectrique subi, m ê me si le brouillage est susceptible d' en compromettre le fonctionnement

Avertissement RF:

Cet appareil est conforme à IC l' exposition aux rayonnements limites fix é es pour un environnement non contr ôl é . Cet appareil doit ê tre install é et utilis é avec une distance minimale de 20 cm entre le radiateur et votre corps. Cet transmetteur ne doit pas ê tre co-situ é ou op é rant en liaison avec toute autre antenne ou transmetteur.



CUSTOMER SUPPORT

USA Customer Service: +1-(855)-993-9939 | Mon-Fri 9AM-5PM (PST)

EU Customer Service: +44 20 3966 0097 | Mon-Fri 9AM-5PM(GMT)

Email: support@deenkee.com



@DeenkeeOfficial



@DeenkeeOfficial

DOC

Learn more about the Declaration of Conformity, Please click below link to download:

Erfahren Sie mehr über die Konformitätserklärung. Klicken Sie auf den folgenden Link zum Download:

<https://www.deenkee.com/upload/doc/D30-DOC-UK.pdf>

<https://www.deenkee.com/upload/doc/D30-DOC-DE.pdf>

<https://www.deenkee.com/upload/doc/D30-DOC-EN.pdf>



Made in China