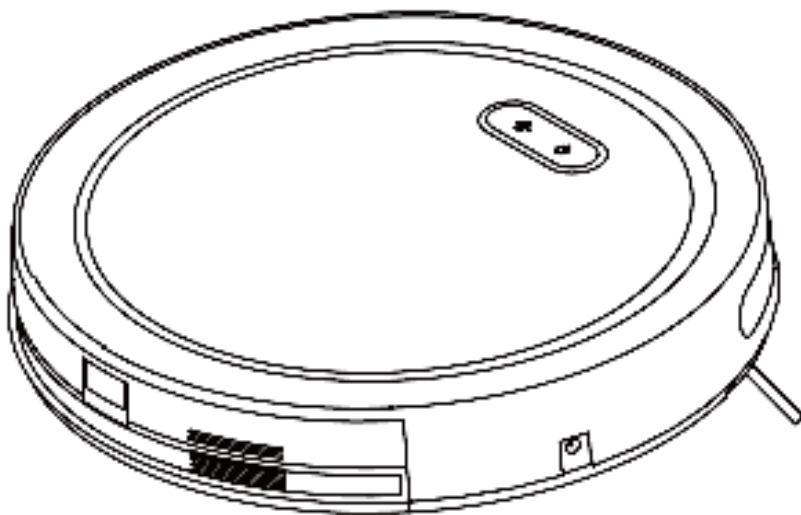




KOGAN SMARTERHOME™ G20 SMART ROBOT VACUUM

WITH MOPPING FUNCTION

KAVACRBG20S

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SAFETY & WARNINGS

Before using this product, read and follow all the safety instructions listed below.

- Please keep this book of instructions.
- Any operation not in compliance with this guide may cause damage to the product or injury to the user.

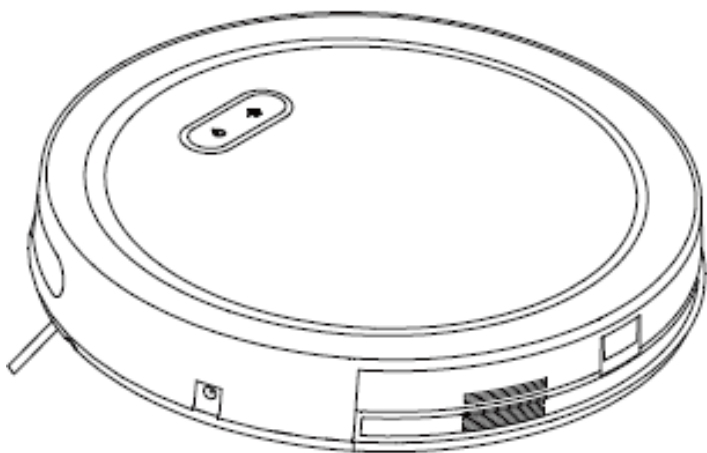
Warning

	Do not attempt to disassemble, repair or modify the product, as this may lead to fire, electric shock or injury.		Do not use any charger other than the one accompanying this appliance. Doing so may cause fire resulting from product damage, electric shock or high voltage.
	Do not touch any high voltage power cable of the appliance with wet hands, as this may cause electric shock.		Do not over bend the power cord or place heavy objects on it. Doing so may damage the cord, causing a fire or electric shock.
	Attention must be made to avoid clothes or any part of body (hair, fingers, etc.) getting caught in the brush or wheels of the vacuum cleaner. Doing so may result in personal injury.		Keep away from cigarettes, lighters, matches and other heat sources. Do not use flammable materials such as gasoline to clean the machine.

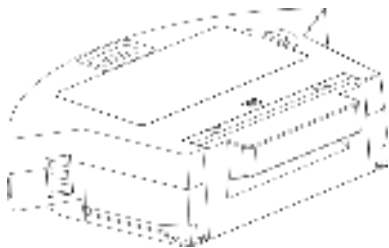
Attention

	Turn OFF the power before transporting or relegating it to prolonged storage. Otherwise, the battery may be damaged.		Ensure the power cord is tightly connected to the charger or it may cause electric shock, short circuit, smoke or fire.
	Check the connection between the charger and the socket for reliability. Otherwise, it may result in non-charging and consequential fire.		To prolong battery life, charge robot for at least 16 hours after the first use or before reuse after being idle for a long period. The battery will not achieve its optimum performance until 2-3 complete recharging-discharging cycles.
	Before leaving the vacuum cleaner idle, please recharge the battery to its full, then take the battery to a cool place and keep the bottom of the appliance dry.		Prior to use, remove all damage-prone objects (lamps, fabrics, glass bottles, etc.); otherwise it may cause damage to or affect the performance of the appliance.
	Please use the cleaner with caution in the presence of children in order to avoid hurting them.		Do not stand or sit on the vacuum cleaner so as not to cause damage to it or injuries to the user.
	Do not let the robot inhale water and other liquids, otherwise it may lead to product damage.		Do not use the vacuum cleaner in confined spaces, which may lead to product damage.
	Outdoor use is prohibited, as doing so may cause product damage.		Do not use the vacuum cleaner on commercial premises.

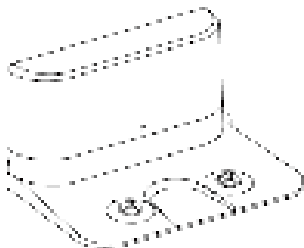
COMPONENTS



G20 Smart Robot Vacuum



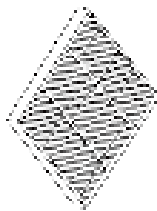
Dustbin



Charging dock station



Power adapter



HEPA filter



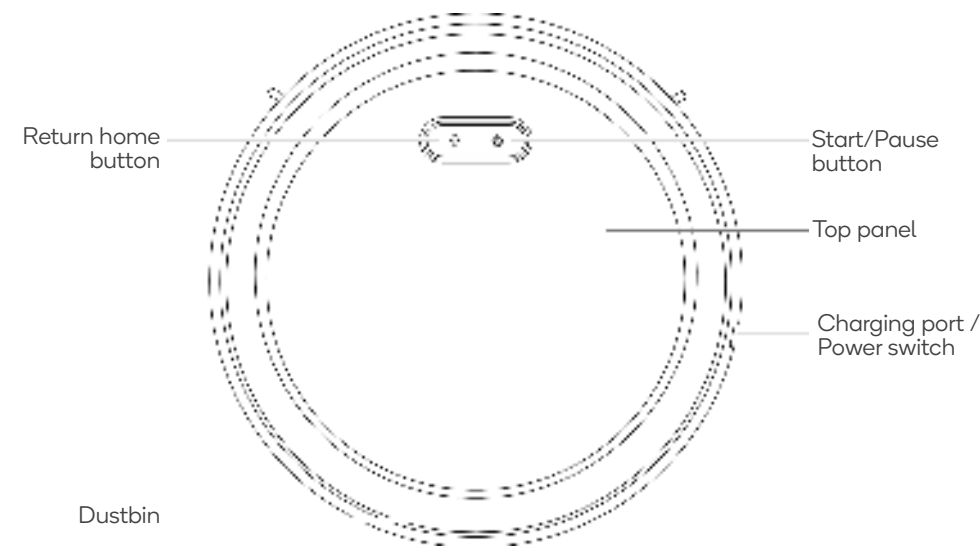
Side brush



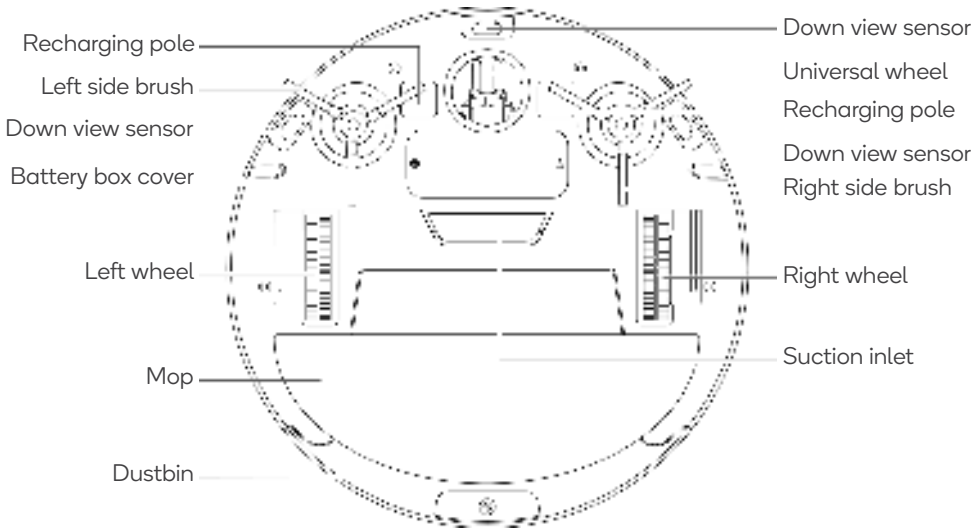
Mop

OVERVIEW

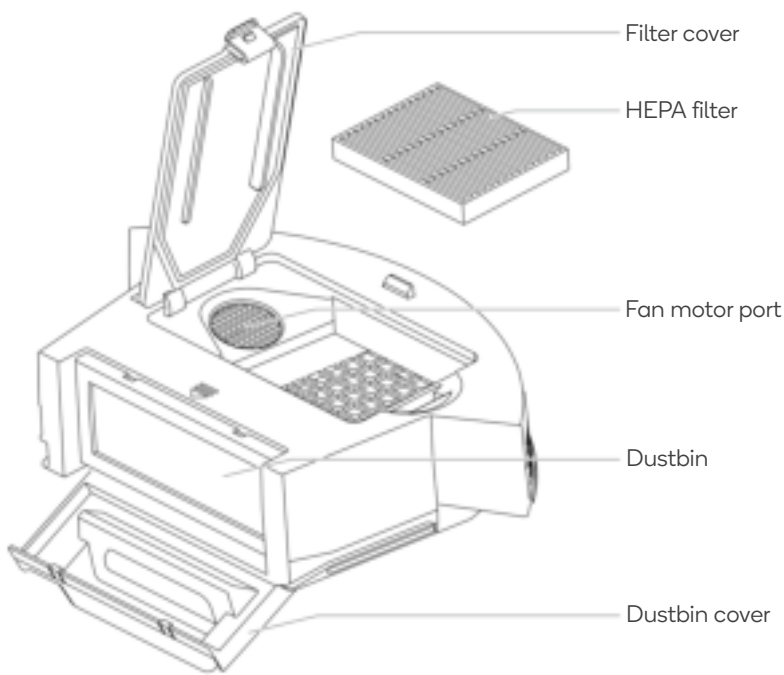
Top



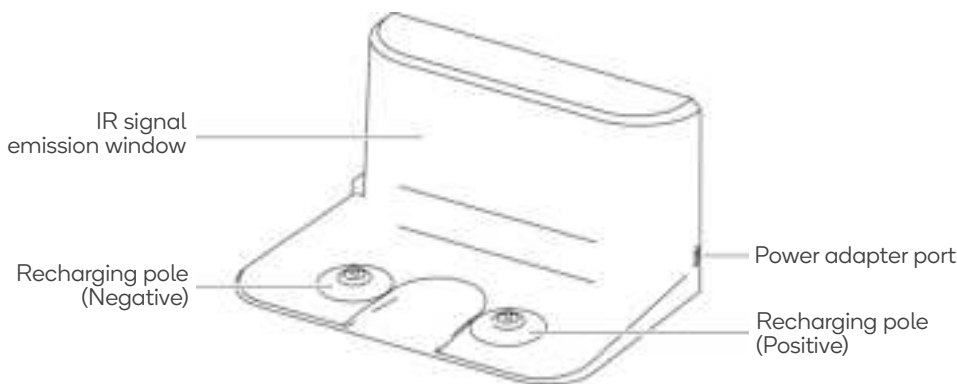
Bottom



Dustbin



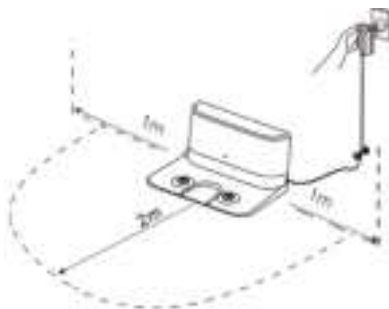
Charging Dock



INSTALLATION

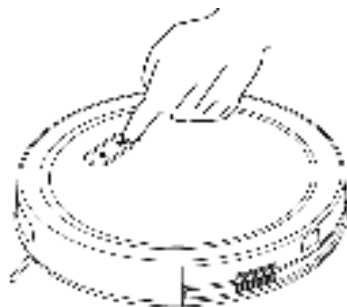
Preparing the charging dock

1. Connect the power adapter to the power adapter jack on the charging dock.
2. Locate an electrical outlet on the wall close to the ground and plug in the power adapter.
3. Place the charging dock in a flat position on the ground with the back pushed up against the wall. There should be no other object or obstruction two metres in front of and one metre to the left, right and above the charging dock.



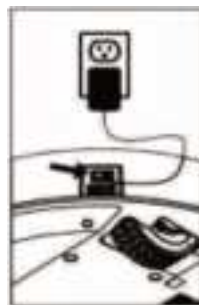
Turn on the robot

1. Press and hold the Return button for 2 seconds until the indicator light flashes blue. Wait for the robot gyroscope to initialise successfully. After the indicator light starts flashing, press the Start/Pause button on the robot to commence operation.
2. When the robot finished working, it is better to keep the power switched ON and let the robot return to the dock station for auto charging.



Charging status

1. If the battery power is less than 20%, the indicator will begin blinking red. If the battery power is between 20% - 50%, the indicator will blink with a pink light. When the battery power is above 50%, the indicator will blink blue. After the robot is fully charged, the blue light will remain ON for few minutes before automatically turning OFF.
2. The robot can also be charged by connecting the power adapter to the DC recharging port on the side of the robot.



CONNECT TO SMARTERHOME™ APP

Install App

Download the “Kogan SmarterHome” app from the Play Store (Android) or App Store (iOS).

Register

If you do not have a Kogan SmarterHome™ account, register or sign in with a verification code sent by SMS.

To register:

1. Tap to enter registration page.
2. The system automatically recognises your country/area. You can also select your country code manually. Enter your email address and tap ‘Next.’
3. Alternatively, you can select ‘Register by mobile number’ and enter the verification code sent to you by SMS.
4. Create a profile on the next page to define your location and room.



Set device in pairing mode

Long-press the Start/Pause button to power the device on. When the device is first turned on, it may automatically enter pairing mode (the blue light will be continuously flashing).

If not, you can manually set the device in pairing mode by long-pressing the Start/Pause button and Return Home buttons simultaneously for 5 seconds until a beep is heard and the indicator light begins to flash rapidly. For AP mode, repeat this step to make the light flash slowly.



Turning on



Long-press both buttons
to enter pairing mode

Using AP Mode to add device

- 5. Once registered, tap “+” in the upper right corner of the app’s home page to add a new device through the network.
- 6. Select the product type from the list of options in the app (Cleaning Appliances > Vacuum Cleaners), and then select “Other Mode” from the top-right corner when asked to reset the device.



7. Select **“AP Mode”** for the set-up type.
8. Ensure that the device is in pairing mode, with the light flashing, and tap **“Confirm”** light is slowly flashing”.
9. Enter your Wi-Fi details. It is important that your SmarterHome™ device and the app are connected to the same Wi-Fi network during setup.



10. Follow the in-app prompts to continue AP Mode connection, which will pair your mobile phone to the device's Wi-Fi hotspot to ensure a connection.

Note:

If the Wi-Fi hotspot does not appear on your phone in the list of available networks, your device may not be set in AP Pairing Mode correctly. Try repeating the steps outlined above to ensure your device is ready for connection.

11. The device will commence the pairing process and connect to the app. Ensure your Wi-Fi router, mobile phone, and the SmarterHome™ device are kept close until connection is complete.
12. After successfully being added, you will have the option to rename the device and assign it to a location. It will now be listed on the app's home page. Tap the device listing to enter its control page.



Notes:

- The device and the app have to use the same Wi-Fi network.
- The device is only compatible with 2.4Ghz networks.

Having trouble connecting?

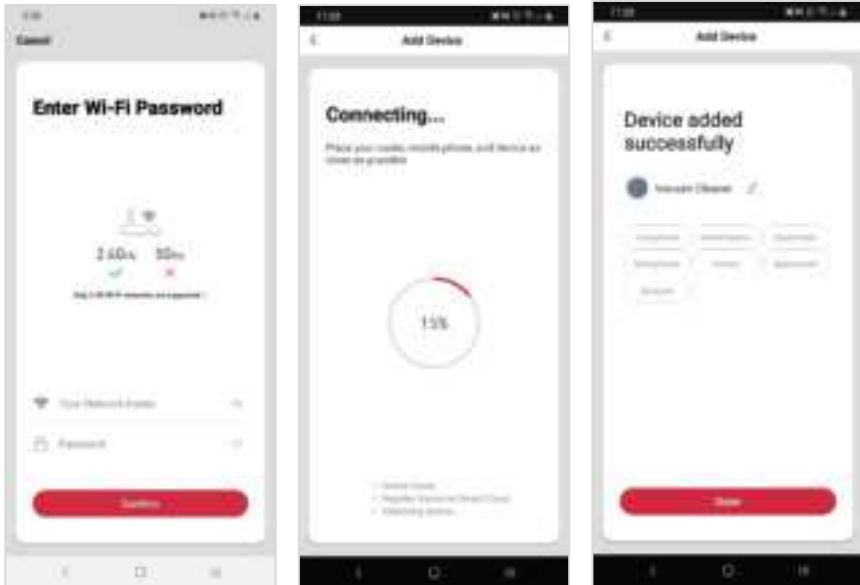
The prior steps detail the process for “AP Mode” connection. If that does not work for your connection, we suggest trying it again, and if still no success, attempting the following method for Standard (non-AP Mode) connection.

Add device through network

5. Once registered, tap “+” in the upper right corner of the app’s home page to add a new device through the network.
6. Select the product type from the list of options in the app (Cleaning Appliances > Vacuum Cleaners).
7. Ensure that the device is in pairing mode, with the indicator light flashing, and tap “Confirm light is rapidly flashing”. In Standard mode, it will refer to rapid flashing, not slow flashing.



8. Upon successfully confirming pairing mode, enter your Wi-Fi details. It is important that your SmarterHome™ device and the app are connected to the same Wi-Fi network during setup.
9. The device will commence the pairing process and connect to the app. Ensure your Wi-Fi router, mobile phone, and the SmarterHome™ device are kept close until connection is complete.
10. After successfully being added, you will have the option to rename the device and assign it to a location. It will now be listed on the app's home page. Tap the device listing to enter its control page.



Notes:

- The device and the app have to use the same Wi-Fi network.
- The device is only compatible with 2.4Ghz networks.

If neither Standard or AP Mode methods are successful, please contact kogan.com for assistance.

OPERATION

Robot operation

1. Long press the Start/Pause button for 2 seconds and the robot will enter standby mode. Press the button again; the robot will start to clean and the blue light will remain bright. Long press the Start/Pause button for 5 seconds, the robot will turn OFF (Figure 1).
2. Press either button on the panel briefly when the robot is working, and the robot will enter into standby mode and wait for the next instruction (Figure 2).



Figure 1



Figure 2

3. Press the Return Home button on the panel when robot is in standby mode; the robot will enter into auto charging station. If battery is low, the indicator will illuminate red during the recharging process. The light will begin flashing slowly, and the unit is fully charged when the light turns to a solid blue.
4. Keep the robot on the charging dock after it has finished the cleaning to keep it ready for the next cleaning cycle.
5. If the robot is not used on a regular basis, turn OFF the power switch to protect the battery.
6. If the robot is not used on a regular basis, recharge the robot at least once a month to maintain the battery.

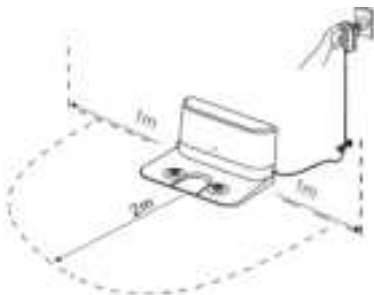
Attention:

- To delete the planning path, lift the robot 10cm from the floor while it is cleaning.
- After the robot is turned ON, it will not operate for the first 10 seconds. Press and hold the Return Home button for 3 seconds and the robot will automatically enter sleep mode.



Charging dock

1. Before using the dock station, please make sure it is connected to the power supply and adapter.
2. Place the charging dock in a position flat on the ground with the back pushed up against the wall. There should be no other object with strong reflections like mirror or obstructions two metres in front of and one metre to the left, right and above the charging dock. And also avoid direct sunlight.



3. After the robot has finished the planned cleaning, it will return to the charging dock automatically.
4. During the cleaning process, if the power is too low, the robot will go to the dock station for charging automatically. The robot will stop cleaning and sound an alarm. Every 5 seconds the alarm will be repeated.

Features and modes

Automatic cleaning mode

In standby mode, press the right button on the device or Intelligent Mode button in the app, the robot enters automatic cleaning (Figure 1). To cancel, press the left button on the device, or again press the Intelligent Mode button in the app. If you select another cleaning mode within the app, this will commence instead.



Spot cleaning

Select Spot Cleaning mode in the app to have the robot enter the spiral fixed point cleaning mode. To cancel, press the left button on the device, or again press the Spot Cleaning Mode button in the app. If you select another cleaning mode within the app, this will commence instead. After cleaning is completed, a prompt will sound (buzzer sounds three times).



Wall-follow cleaning

Select Wall Follow Cleaning mode in the app to have the robot enter the edge cleaning mode. To cancel, press the left button on the device, or again press the Spot Cleaning Mode button in the app. If you select another cleaning mode within the app, this will commence instead.



Schedule mode

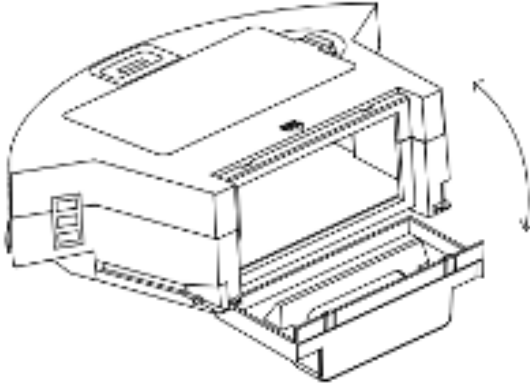
Setting time and date:

Within the app, open 'Settings' from the device's control panel page, and from here select 'Timer' then 'Add Timing'. From here you can add scheduled times for cleaning to commence. To delete a scheduled clean after it has been saved, long press on the listing in the Timer submenu and tap 'Delete'.

CLEANING & CARE

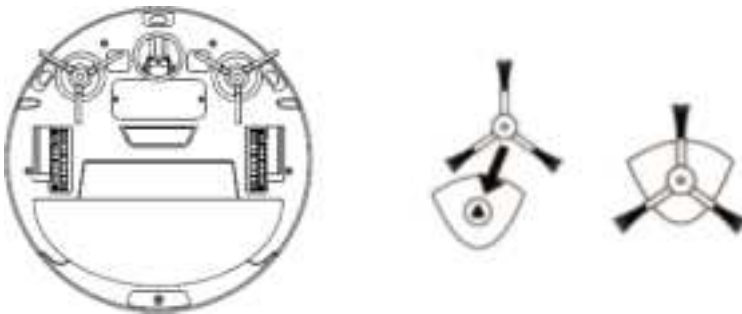
Removal and cleaning of the dustbin

1. Open the dustbin cover and take out the dustbin.
2. Open the upper cover of the dustbin and pour out the dirt and other debris.



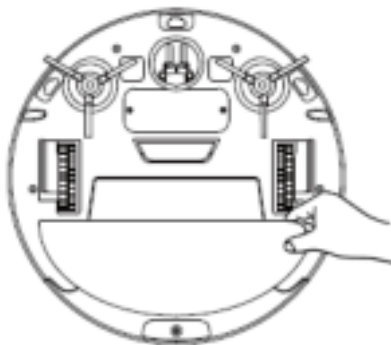
Removal and cleaning of the side brush

1. Gently pick up the robot and lay it with down its wheels facing up.
2. Use the mop to clean the hair off the brush.
3. Firmly grasp one of the plastic spokes containing the wire brushes and pull straight up.
4. The side brush should only be replaced if the existing side brush is damaged.



Removal and cleaning of the mop

1. Tear off the mop to clean. After cleaning the mop pad, simply re-attach it to the underside of the robot on the two Velcro strips.



GOOGLE HOME CONTROL

Note:

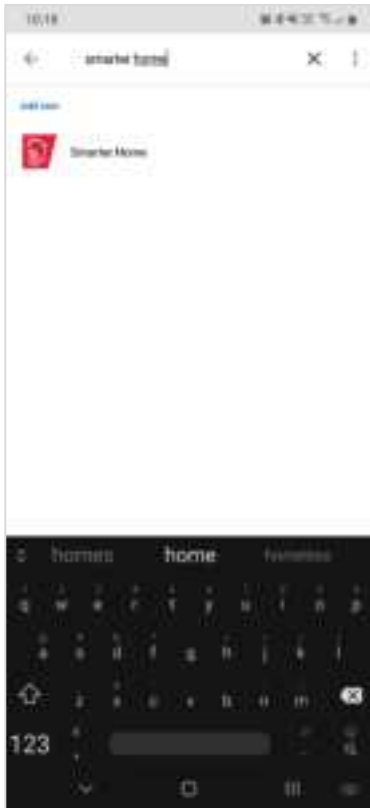
You will need to have set up a Google Home account prior to linking your Kogan SmarterHome™ device.

Adding “SmarterHome” to the Google Home app

1. From the home page of the Google Home app, select the “+” icon to access the ‘Add and manage’ page.
2. Select ‘Set up device’, then under the Works with Google banner, select ‘Have something already set up?’
3. Select the search bar and type ‘Smarter Home’ to locate the Kogan SmarterHome™ service.



4. Tap 'Authorise' to grant Google permission to access the SmarterHome™ app and your devices.
5. From here, you will be prompted to sign into your SmarterHome™ account using either your email or mobile phone number, depending on which method you used to register your account.



6. Once connected, the app will display any compatible devices linked to your SmarterHome™ account. From here you can assign them to rooms and set up any routines.
7. Tap on any of the devices to view a list of available commands.



Note:

Please note that Google Home can only control the base/core functions of any compatible SmarterHome™ devices. To make full use of this product's smart functionality, please use the Kogan SmarterHome™ app.

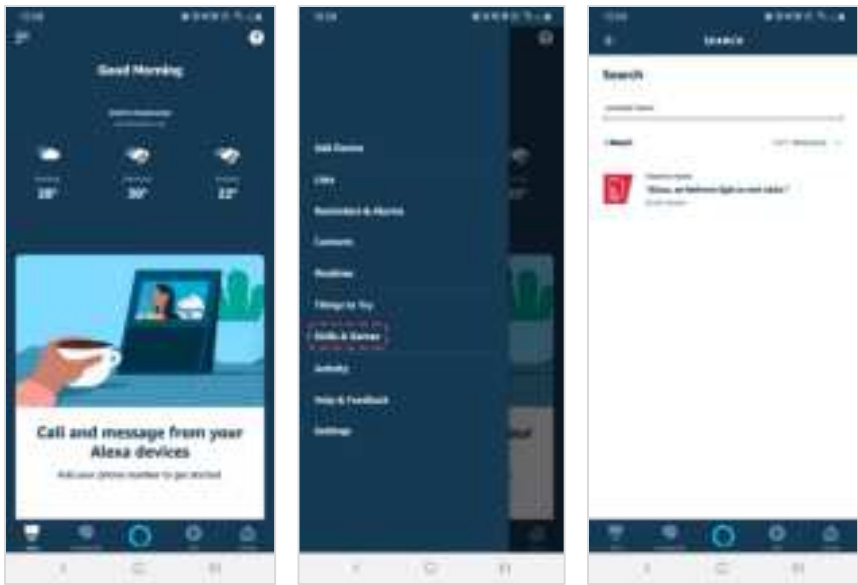
AMAZON ALEXA CONTROL

Note:

You will need to have set up an Alexa account prior to linking your Kogan SmarterHome™ device.

Adding “SmarterHome” to the Alexa app

- 1. From the home page of the Alexa app, select the “☰” icon in the top-right and select Skills & Games from the sidebar.
- 2. Select the search bar and type ‘Smarter Home’ to locate the Kogan SmarterHome™ skill.



3. Tap 'Enable to Use' to add the Kogan SmarterHome™ skill to Alexa.
4. From here, you will be prompted to sign into your SmarterHome™ account using either your email or mobile phone number, depending on which method you used to register your account.
5. Tap 'Authorise' to grant Alexa permission to access the SmarterHome™ app and your devices.



6. Once connected, the app will perform a search and display the devices linked to your SmarterHome™ account.
7. When your devices have successfully connected to the Alexa app, you will be able to control your Kogan SmarterHome™ devices via Alexa's voice commands.



Note:

Please note that Alexa can only control the base/core functions of any compatible SmarterHome™ devices. To make full use of this product's smart functionality, please use the Kogan SmarterHome™ app.

SPECIFICATIONS

Robot Vacuum

Rated voltage	DC 14V
Rated power	30W
Operating temperature range	-10°C-45°C
Input voltage/current	14V/0.5A
Infrared remote control	38KHz
Dimension	Φ 310 x 68mm
Weight	2kg
Battery	Lithium-ion 2600mAh
Dustbin capacity	650ml

Charging Dock

Dimension	L x W x H: 194 x 15 x 105mm
Input voltage/current	14V/0.5A
Operating temperature range	-10°C-45°C
Operating humidity range	85RH

TROUBLESHOOTING

Cause	Warning Sound	Indicator light	Troubleshooting
Drive wheel failure	1 sound 3 times	The red indicator light is ON.	Check the wheel. If obstructed, remove the obstacle.
Side brush failure	2 sound 3 times	The red indicator light is ON.	Check if the side brush is obstructed and clean the side brush.
Fan motor failure	3 sound 3 times	The red indicator light is ON.	Empty the dustbin and clean the suction inlet.
Ground detective failure	2 sound 3 times	The red indicator light is flashing.	The robot has been lifted up; please move to ground. Clean the ground detection sensor.
Trouble processing	3 sound 3 times	The red indicator light is flashing.	Trouble processing failure; move to an empty space.
Low power	4 sound 3 times	The red indicator light is flashing.	The voltage is too low and needs manual assistance to charge.
Adapter failure	5 sound 3 times	The red indicator light is flashing.	Change to 12V adapter.
Charging failure	6 sound 3 times	The red indicator light is flashing.	Check whether the robot is turned ON and the battery is connected correctly.

NOTES

[illegible]

NOTES

[illegible]

Need more information?

We hope that this user guide has given you the assistance needed for a simple set-up. For the most up-to-date guide for your product, as well as any additional assistance you may require, head online to **help.kogan.com**

kogan.com