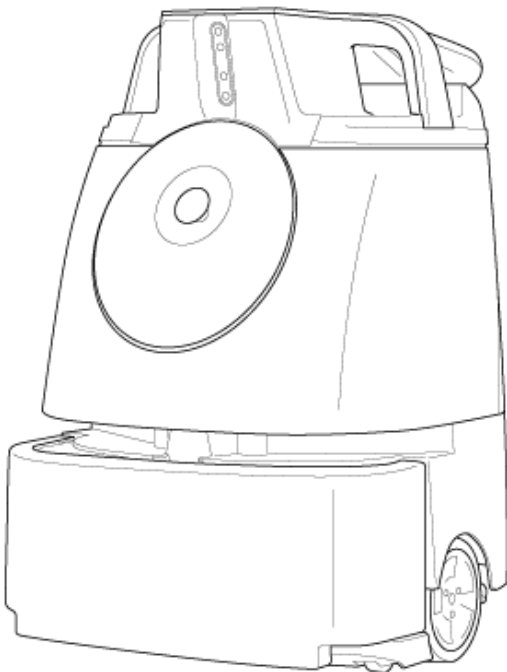


Whiz

Quick Guide

Original instructions



CAUTION: Read the Quick Guide (this document) before using the product,
and store in a safe location after reading it.

Introduction

This document contains information on the daily use of the Machine. Please read and understand the contents of the Whiz Operational Manual before using the Machine. The latest version of this document and the Whiz Operational Manual can be found on "help.meetwhiz.com".

1 Safety Warnings

1-1 About Safety Warnings

IMPORTANT SAFETY INFORMATION: READ AND UNDERSTAND THESE SAFETY WARNINGS AND ALL INSTRUCTIONS PRIOR TO UNPACKING AND USING THE MACHINE.

Warnings presented here are intended to warn the user of potential harm to the user and other people as well as damage to property. Always adhere to them to reduce the potential for harm. This manual also provides safety warnings, correct handling procedures, and other regulatory information for using the machine, notification pager, battery, and battery charger. Warnings provided in this manual do not cover all possible situations that may arise. Safety of the pedestrians and people in the surrounding will be the first priority in any circumstances (such as when the machine does not operate properly, when the machine has tripped over, etc.).




Always adhere to warnings regarding machine installation, maintenance, and use and store this manual where it can always be referred to.

In the following emergencies, immediately press the emergency stop button and turn off the main power switch.

- The machine is in a hazardous state (example: emitting smoke, is inoperable, has fallen over, etc.)
- The machine comes close to inflicting harm on surrounding people or things.
- The machine is operating (behaving) unpredictably or is operating in a manner that is inconsistent with this manual.





1-2 Description of Symbols

The following symbol categories explain the level of harm or damage that can occur if warnings are not observed and the machine or related equipment is used incorrectly. Please be sure you understand these symbols and their correlating meanings before reading the remainder of this manual.

 DANGER	Indicates a hazardous situation that, if not avoided, will result in death or serious injury.
 WARNING	Indicates a hazardous situation that, if not avoided, could result in death or serious injury.
 CAUTION	Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury.
NOTE	Indicates the caution item that may cause failure or damage to the equipment when mishandled.

1-3 Description of Pictorial Indications

The following pictorial indication categories explain information to be observed. Read this guide after thoroughly understanding the information.

	Prohibited (not allowed) action.		Compulsory action based on instruction (must be performed).
	Must not be used where exposed to water, and must not be splashed with water.		Unplug the power plug from the outlet.

1-4 Handling the Machine, Battery Charger, Battery and Notification Pager (Common)



DANGER



Do not use, recharge, or leave the machine, battery charger, battery or notification pager in a place subject to high temperature (near sparks or flames, near a heater, where there is direct sunlight, in a car on a hot day, etc.) or in a warm place or where heat collects (under a radiator, hot water tank or other warm locations).

Maintain adequate ventilation and make sure not to cover the machine, battery charger, battery or notification pager with any kind of fabric.

High temperatures may cause deformation, malfunction, overheating, ignition, fire, electric shock, rupture, or damage to the machine, battery charger, battery or notification pager. High temperatures may also cause the battery to leak or cause a portion of the machine case to become hot enough to cause burns.



Do not drop, break, deform, puncture, gouge, burn, or paint the machine, battery charger, battery or notification pager.

Doing so may cause fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager or surrounding individuals or property.



Do not carry out repairs, such as disassembly (removing parts, etc.), modification, soldering, or replacement of notification pager battery or secondary battery.

- This may cause an accident such as fire, injury, electric shock, damage, malfunction, chemical explosion, or other damage to the machine, battery charger, battery or notification pager or surrounding individuals or property. May also cause leakage, overheating, rupture, ignition, or other damage to the battery pack.
- Modification of the machine may be a violation of the rules and regulations promulgated by the Federal Communications Commission (or equivalent body in your jurisdiction), and may be subject to penalty.
- Servicing, disassembly, modification, soldering, replacement or other repair work may not be undertaken by people other than by SoftBank Robotics or other authorized service staff.



Use only the battery charger and battery that came with the machine when recharging the machine.

Use of other battery chargers or batteries may cause fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the battery charger.



Do not get the machine, battery charger, battery, or notification pager wet.

- The machine, battery charger, battery and notification pager are all for INDOOR USE ONLY. They are not water resistant. Do not get them wet.
- Use in an environment with less than 80% humidity. Failure to adhere to these warnings may cause fire, injury, electric shock, damage, malfunction, overheating, leakage chemical explosion, or other damage to the machine, battery charger, battery or notification pager.
- Do not use in a humid place such as in a bathing area or where there is a sink, or where the machine and related equipment may be exposed to water. Do not use with wet hands. Failure to adhere to these warnings may cause fire, injury, electric shock, damage, malfunction, overheating, leakage chemical explosion, or other damage to the machine, battery charger, battery or notification pager.
- Leaving or recharging the machine or related equipment while it is still wet or after any liquid or quasi-liquid substance any part of the machine may cause fire, injury, electric shock, damage, malfunction, overheating, leakage chemical explosion, or other damage to the machine, battery charger, battery or notification pager. Take caution of the location to use or handle the machine.



Do not allow the machine to fall over or drop when moving or transporting it.

Doing so may cause fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



Do not expose to warm air from a dryer or hot water.

Doing so may cause fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



Immediately discontinue use if anything unusual is noticed during use, recharging, or storage such as noise, smoke, odor, etc.

Failure to do so may result in fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



Do not force the battery into the machine or battery charger if it cannot be connected correctly.

Doing so may cause fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager, including damage or burnout of the external connection terminals.



WARNING



Do not allow liquid or quasi-liquid substance or any foreign objects to touch the charging terminals or external connection terminals of the battery charger or battery, or to otherwise enter the machine.

Doing so may result in fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.



Children should be supervised to ensure that they do not play with the appliance.



Operators shall be adequately instructed on the use of these machines.



This machine is not suitable for picking up hazardous dust.



This machine is for dry use only.



CAUTION



Do not touch the battery, notification pager, or battery charger when recharging the battery or notification pager.

Doing so may cause low-temperature burns.



The battery must be removed before cleaning or maintaining the appliance.



This machine is for indoor use only.



This machine shall be stored indoors only.

1-5 Handling the Machine



WARNING



Store in a dry environment with no dust in an ambient temperature range of 5 to 40°C. Failure to do so may result in fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



The machine is solely designed for indoor use. Do not use outside such as on a street. Doing so may cause malfunction, failure or destruction of parts due to natural elements, or other unexpected behavior as the machine is not designed for an outdoor operating environment.



Do not use the machine in a stepped location, on an uneven floor (braille blocks), or on a sloped surface.

- The machine may fall over or drop and damage the machine or floor or cause injury or damage to surrounding people or property if traveling where there are steps.
- Traveling on an uneven floor may prevent the sensors from operating normally, which may result in injury or damage to surrounding people or property.



Do not expose the machine to dust in large amounts, sand, snow, ice, water, humidity, saltwater environments, or brine mist (example: ocean environment, shore environment, etc.).

Doing so may cause malfunctioning, failure or destruction of parts due to natural elements, electric short circuiting, or other unexpected behavior or damage as the machine is not designed for an outdoor operating environment.



Be careful that dust does not adhere to the LIDAR sensor, camera, or other sensors. May interfere with normal machine operation or lead to an accident. See P54 "8 Inspection before Operating the Machine".



When using autonomous cleaning mode, make sure that the operator is able to respond immediately to an alert received from a special app or the notification pager.

Not observing this may lead to an accident and damage or injury involving the user, third persons, surrounding objects, or other property or animals.



When using the machine in an autonomous mode, follow the regular floor cleaning practice and use appropriate signboards (cleaning in process signboard).

Not observing this may lead to an accident and damage or injury involving the user, third persons, surrounding objects, or other property or animals.



Use the machine with its wheels always in contact with the floor. When using the machine in manual cleaning mode, avoid abrupt operation except where unavoidable.



In areas where the machine is inoperable or unmovable due to power not turning on, move the machine to a safer location.



Do not perform any operation not given in this manual.

Use of the machine in a manner inconsistent with this manual may lead to death, personal injury or significant physical damage or property damage.



Do not use the machine with the grounding chain not in contact with the floor. If the grounding chain breaks or comes off, contact customer support.

Doing so may cause electric shock or injury to the operator or damage to the machine.



Recharge the battery for the machine using only the battery charger that came with the machine. Recharge the notification pager using only the charging stand that came with the machine.

Failure to do so may cause fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



Do not cover the machine's sensors.

Doing so may result in malfunction of the machine or damage or injury to property, individuals or the machine.



Do not place anything decorative that may hinder the machine's operation or the emergency stop button.

Doing so may cause an accident.



When replacing the dustbag, brush, etc., turn off the main power switch beforehand and remove the battery from the machine in order to reduce risk of shock.



Do not clean the machine with a high-pressure cleaner.

Doing so may damage the machine's interior and cause unexpected behavior.



The machine is designed to clean indoor carpets and dry floors. Do not use it for any other purpose.



Do not use the machine to collect hazardous or explosive waste.

It is not certified for such collection and doing so may cause damage or injury to property, individuals or the machine.



Do not block the machine's vents.

Doing so may cause fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager, including deformation of the machine.



When lifting the machine from the floor, always use two people as a safety precaution.

Not doing so may cause injury and a malfunction of the machine.



When the machine is operating, do not let infants, children, and pets come near the machine, or move foot or hand close to the bottom of the machine.

Doing so may cause injury due to getting caught in the machine.



Manage so that infants, children, or pets do not touch the machine.

No doing so may cause injury due to getting caught in the machine.



If the secondary battery is off/low, do not remove the battery with the main power switch on the machine on.

Doing so may cause fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery or notification pager.



CAUTION



If the machine has fallen over, press the emergency stop button and then turn off the main power switch on the machine.

Failure to do so may result in malfunction of the machine or damage or injury to property, individuals or the machine.



Avoid coming within 46 cm (18 inches) of the machine while it is in operation (except in manual operation mode).

When cleaning in autonomous cleaning mode, the machine sometimes suddenly turns, stops, or advances; coming close to the machine may cause injury. Abrupt motion near the machine may cause the machine to malfunction.



Do not insert any objects in the machine.

Doing so may cause fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



If the machine is not operating normally (unusual sound, odor, smoke, etc.), immediately press the emergency stop button, to stop machine operation, turn off the main power switch, and contact customer support.



When carrying out maintenance with the dustbag, brush, hopper tray, etc., please be sure to turn off the machine prior to performing such maintenance and be careful not to get your fingers caught while working.

Not doing so may cause injury.



When installing or removing the battery, be careful not to get your fingers, other appendages or clothing caught while working.

Otherwise, it may cause injury.

1-6 Handling the Battery Charger



DANGER



Before using the battery charger, make sure that you fully understand the contents of this manual, and operate it correctly.



Do not use the battery charger at or near a place with dust, salt, corrosive gas, or flammable gas.

Using the battery charger at or near a place with dust, salt, corrosive gas or flammable gas could cause fire, injury, electric shock, damage, malfunction, chemical explosion, or other damage to the machine, battery charger, battery or notification pager or surrounding individuals or property.



Do not insert metal pins, or other foreign materials in the air vents in the battery charger.

Doing so may cause fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



Use the battery charger in an environment with an ambient temperature of 10 to 40°C, and humidity of 20 to 85%. When not using the battery charger, store in an environment with an ambient temperature of -10 to 60°C, and humidity of 20 to 85%.



WARNING



Do not use a power cable other than the one supplied with the machine.

Also, only use the power cable where the country label of your country of residence is affixed.

Otherwise, it may cause fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



Do not connect to any battery other than the supplied battery.

Doing so may cause fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



Make sure not to cover the battery charger with fabric, etc. Maintain conditions that allow adequate heat dissipation, and do not use or leave near a source of heat, or where exposed to water or direct sunlight.

Failure to do so may cause fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



Do not use in a location where vibration or impact is applied.



Check that the supplied voltage is appropriate for the battery charger.

Do not use any power source or voltage other than that specified (AC 100 to 240 V, 50 to 60Hz).

Failure to use the proper power source or voltage may cause fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



Make sure that dirt or other foreign matter do not adhere to the battery charger.

Do not use in a dusty place. If the plug is dusty, unplug it from the outlet and wipe with a dry cloth.

Otherwise, it may cause fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



Do not use the battery charger or power cable if damaged.

Doing so may cause fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



The battery charger is designed specifically for the machine. Use only the supplied designated power cable.

Failure to use the supplied designated power cable may cause fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager. Do not use the power cable with any another product.



Always unplug the battery charger from the outlet if not using it for a long time or when carrying out maintenance on it.

Failure to do so may cause fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



If the battery charger is not operating normally, takes a longer time to recharge than normal, or if it produces sparks, smoke, odor, etc., immediately unplug it from the outlet, and contact customer support.

Failure to do so may cause fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



Do not step on the power cable or otherwise subject it to excessive force when it is connected to the battery charger.

May break the terminals on the power cable and cause malfunction or fire.



Use the battery charger distanced at least 10 cm (4 inches) from a wall so as not to block its air vents.

Blocked air vents will cause the temperature in the battery charger to rise, and may cause fire or malfunction.



If thunder is audible, unplug the battery charger from the outlet.

Failure to do so may damage the battery charger.



The battery charger may get hot so take caution on handling during or right after charging.

Failure to do so may result in burns or other injuries.



CAUTION



Do not touch the surface of the battery charger for a long time.

Prolonged skin contact may cause low-temperature burns.



Do not drop, step on, or place objects on the battery charger, regardless of if it is connected or not. Do not use it where it may be stepped on.

The cable may break, resulting in fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



Always hold the plug body and not the cord when unplugging the power plug.

Not doing so may cause electric shock due to the power cable breakage.

1-7 Handling the Notification Pager



DANGER



Do not drop or throw.

Subjecting it to strong impact may cause the battery pack in the notification pager to leak, overheat, rupture, or ignite, and otherwise result in injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



WARNING



Do not place the notification pager or the notification pager charger inside a heating cooker such as a microwave oven or a high-pressure container such as a pressure cooker, or place on top of an electromagnetic cooker (IH cooker).

Doing so may cause leakage, overheating, explosion, or ignition of the battery pack inside the notification pager, or overheating, smoking, ignition, or failure of the notification pager or the notification pager charger.



Store out of the reach of infants, children, and pets.

Failure to do so may present a choking hazard or other risk of physical injury or death of infants, children, and pets.



If prolonged contact with the notification pager causes skin irritation (itchiness, rash, eczema, etc.), immediately discontinue use and consult a doctor.

1-8 Handling the Battery



DANGER



Charge the battery within an ambient temperature range of 10 to 40°C. Also store in a dry environment with no dust in an ambient temperature range of 0 to 45°C.

Failure to do so may cause fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



Do not place objects on top of the battery.

Doing so may cause fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



Do not smoke in the vicinity of the battery or place objects near it that may be the cause of flames or sparks.

Doing so may cause fire, injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



Do not connect the battery terminals with metal, etc.

May cause leakage, overheating, ignition, or rupture and otherwise result in injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



Do not throw into a fire or heat.

May cause leakage or explosion and otherwise result in injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



If fluid leaks, do not touch with bare hands.

If fluid enters your eyes, wash well with clean water, and immediately consult a doctor. If fluid gets on your skin or clothes, wash well with water.



Use the battery only in the machine.

May cause leakage, overheating, ignition, or rupture and otherwise result in injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



Do not subject to impact, such as by placing objects on it or letting it fall.

May cause leakage, overheating, ignition, or rupture and otherwise result in injury, electric shock, damage, malfunction, overheating, leakage, chemical explosion, or other damage to the machine, battery charger, battery or notification pager.



WARNING



If the appliance is to be stored unused for a long period, the battery should be removed.



The supply terminals are not to be short-circuited.

1-9 Handling near Electronic Medical Devices



DANGER



If wearing an implanted cardiac pacemaker or implanted defibrillator, consult with the manufacturer of such medical device to confirm a safe operational distance from the machine.

Electric signals may affect the operation of the pacemaker or defibrillator.

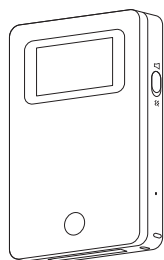


Do not use in a healthcare environment or near electronic medical devices.

* The machine does not comply with UL or IEC 60601 standards (or equivalent standards).

2 Supplied Accessories

Items in the Accessory Box

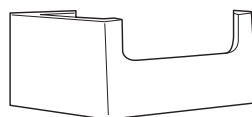


Notification pager×1
[P00000401A01]

Notifies the operator with a sound and vibration when an abnormality or danger is detected while performing the autonomous cleaning.

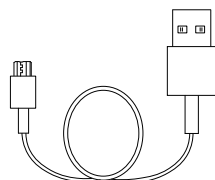
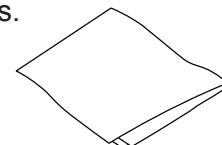
Notification pager charger×1
[P00000501A01]

Recharges the notification pager.



Micro-fiber cloth×1
[P00002101A01]

Used to wipe off the dust and dirt affixed to the sensors.



micro USB cable ×1
[P00014201A01]

Connect the notification pager and its charger.



Pin×1

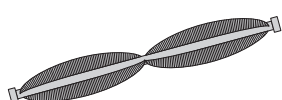
Used when turning the power of the notification pager ON / OFF.



Upon arrival, the accessory box will be stored inside the battery box.

Accessory box

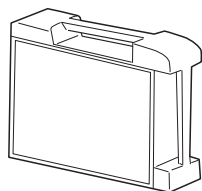
Items in the Packaging Box



Brush×1 [P00000801A01]

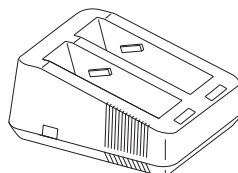
This is attached to the machine to collect the dirt and dust into the hopper tray.

Items Delivered Separately



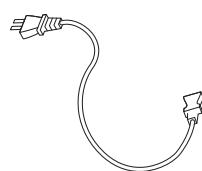
Battery×1
[P00000201A01]

A battery dedicated for the machine. It operates for about 3 hours when cleaning in normal mode.



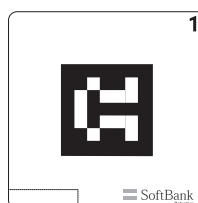
Battery charger ×1
[P00000301A01]

A battery charger dedicated for the machine.



AC cord with country label ×3

An AC cord dedicated for the battery charger for the machine.



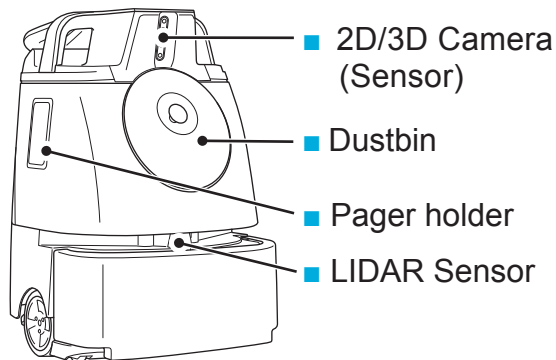
Home Location Code×10
[P00001101A01 ~ P00002001A01]

A marker to indicate the position to start/stop the cleaning route when performing the autonomous cleaning.

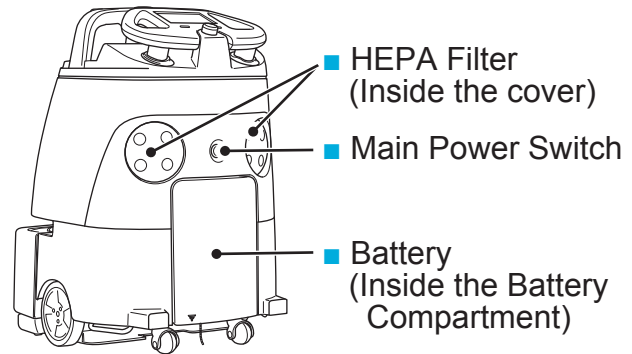
- Depending on your contract details, Home Location Codes may be bundled with the machine.
- A dustbag, hopper tray, and HEPA filter are pre-installed in the machine at delivery.
- The brush, dustbag, HEPA filter, battery charger, battery, and Home Location Codes are consumables.

3 Names of Parts

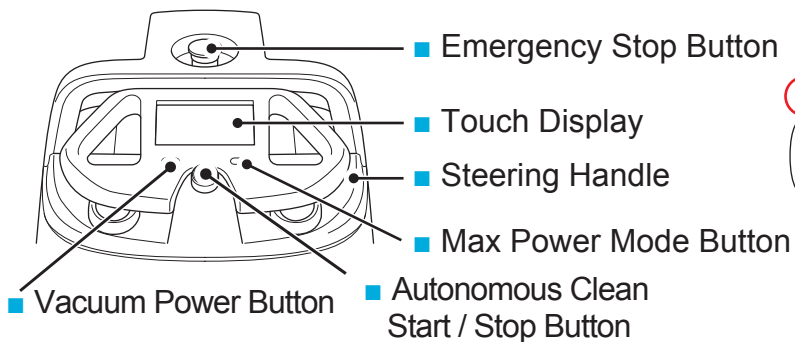
Front / Side



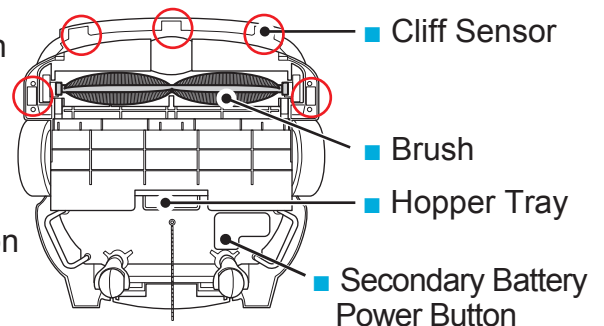
Back



Top



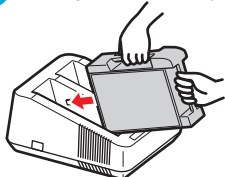
Bottom



4 Check before using

Charge the Battery and insert it to the Machine

1 Charge the Battery



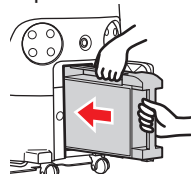
Check Charging Status

Battery charging status light

ⓘ

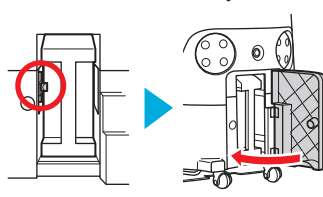
* Once the battery is recharged, it flashes in green

2 Insert the fully charged Battery into the Battery Compartment

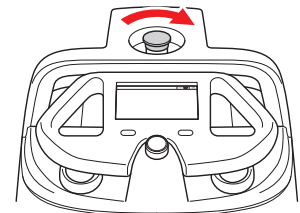


! Hold the handles with both hands and be careful not to drop it on the floor.

3 Lock the Battery, and close the Battery door



Release the Emergency Stop Button

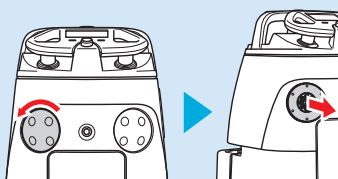


Turn the Emergency Stop Button to the right to release.

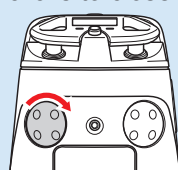
Check that the HEPA Filter, Dustbag and the Hopper Tray are Installed Correctly

HEPA Filter

1 To remove the filter cover, turn it to the left



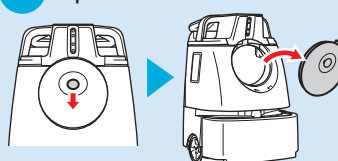
2 Turn the filter to the right until it clicks to close



- ! Check the other HEPA filter with the same procedure.
- ! If the filter is not installed, install it into the Machine.

Dustbag

1 Open the Dustbin Cover

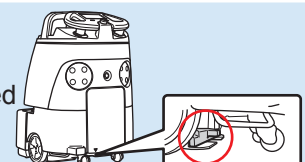


2 Check that the Dustbag is installed and the Dustbin pin is afloat



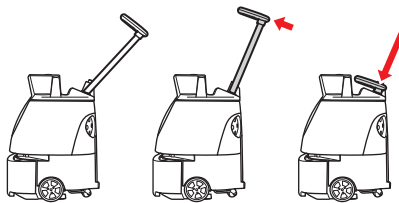
Hopper Tray

From the back of the machine, check if the Hopper Tray is installed correctly.



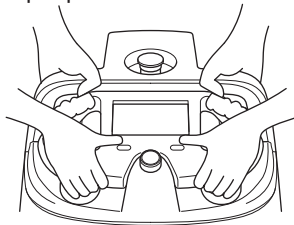
Attach the Brush

- 1 Stow the Steering Handle



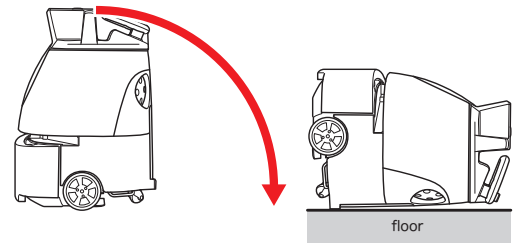
- 2 Hold the lift handles with one hand, and hold the steering handle down with another hand

! For safety precautions, operate with two people.

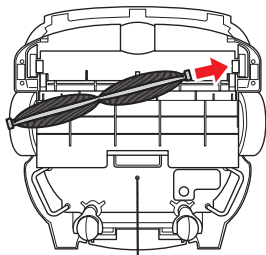


- 3 Gently lay the machine on its side so that the side with the dustbin is up

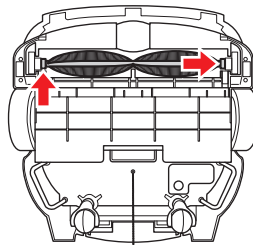
! Please be cautious so the handle does not stick out of the machine.



- 4 Attach the right side of the Brush to the socket of the Brush Compartment.

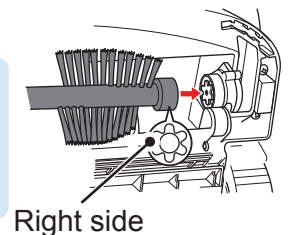
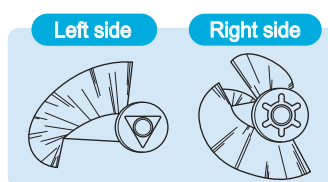


- 5 Press the Brush to the right and insert the left side of the Brush into the socket.



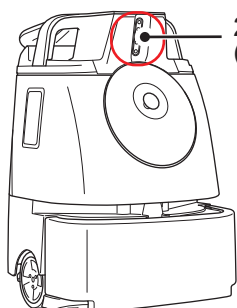
! When attaching the Brush, pay attention to the marks on each side of the Brush.

! Spin the Brush to check if it is installed correctly.

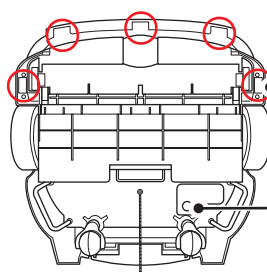


Remove the Protective Film on the Sensors

If any protective film is attached, remove the film before using the Machine.



2D/3D Camera (Sensor)



Cliff Sensor (x5)

Secondary Battery Power Button

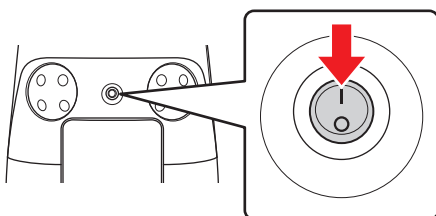
! Gently remove the film, being careful not to scratch the sensors.

! When removing the protective film on the sensors, check that the Secondary Battery Power Button² is off.

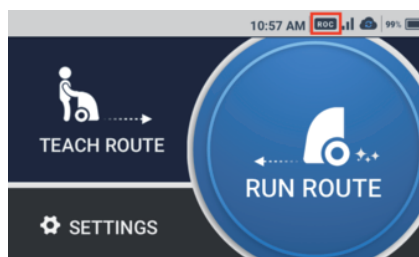
? Be sure to turn off the Secondary Battery Power Button when using the Machine. When replacing the Battery during autonomous cleaning, turn on the Secondary Battery Power Button before replacing the Battery. Autonomous cleaning can be continued without turning the power off. After replacing the battery, turn off the Secondary Battery Power Button.

Check that it is Connected to Robot Operations Center (ROC)

- 1 Press the Main Power Switch to set it on (I)



- 2 Check that the Robot Operations Center connection mark (ROC) is displayed



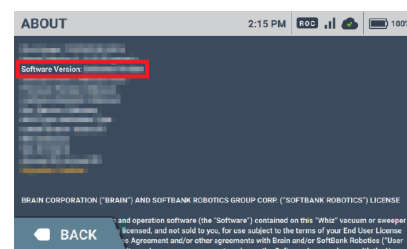
! If the connection mark does not appear, move the Machine to where it can be connected to the network.

Pair the Notification Pager

- 1 Open the battery door, and take out the accessory box
 - 2 Turn the power button on
 - 3 Press the main button for over 5 seconds
 - 4 Check the pairing mark
 - 5 Attach the Pager to the pager holder
- ! Remove the Notification pager from the accessory box. ! Make sure the Machine is on (I) before pairing.

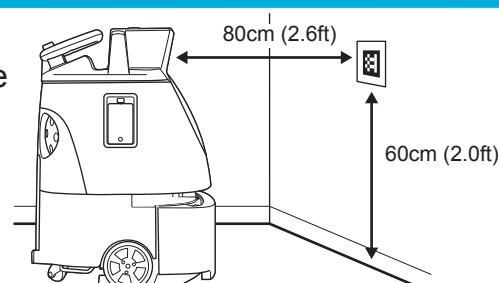
Check if BrainOS Software is the Latest Version

Tap "ABOUT" on the SETTINGS menu and check if the Machine is updated to its latest software. If it is not updated, leave the Machine on for over an hour in an environment where the Robot Operations Center (ROC) can be connected. (The Machine can be used during this time). Then, reboot the Machine and check the software version from the SETTINGS menu again.



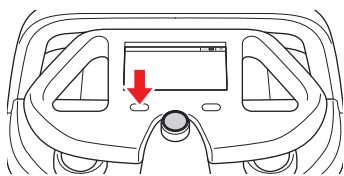
5 Teaching a Cleaning Route

Before teaching a cleaning route to the Machine, stick the Home Location Code (HLC) at a permanent location where autonomous cleaning will start / stop (flat against a wall or a pillar). If the HLC needs to be moved, place it at the same location whenever the Machine runs autonomously. Please note that cleaning may not be performed correctly if the installation of HLC is slightly off.



- 1 Pull the Steering Handle straight up until you reach the joint and tilt the handle to lock it into position
 - 2 Move the Machine to the Home Location Code
 - 3 Press the Main power switch to turn it on (I)
 - 4 Tap "TEACH ROUTE"
 - 5 Scan the Home Location Code
 - 6 Select "+" to create a new route
- If an error is displayed in a red frame, adjust the distance of the Machine and the code and scan it again.
- For each Home Location Code, six cleaning routes can be saved.

7 Press the Vacuum Power Button



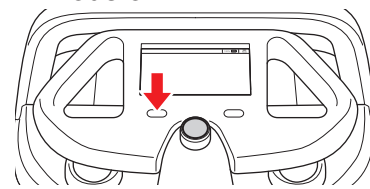
- Use the cleaning modes (Normal mode / Max power mode) according to the condition of the floor.
- The switch between two cleaning modes will be duplicated during autonomous cleaning.

8 Clean the entire teaching route

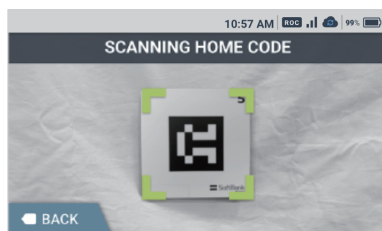
- ! Even if you pause during teaching, it will not affect the cleaning when carried out autonomously. Please clean at your own pace.
- ! Backward movements will not be recognised as a cleaning route.



9 Once cleaning is complete, press the Vacuum Power Button and turn the cleaning mode off



10 Tap "Save Route," scan the HLC again

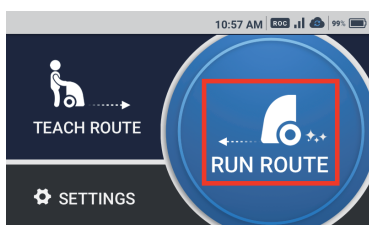


Saving the cleaning route will take half the time of teaching the cleaning route.

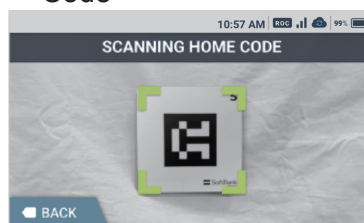
6 Carrying Out Autonomous Cleaning

Select a cleaning route to carry out autonomous cleaning. Operate in a time when there are few passerby and objects around the cleaning area. For safety, the Machine will operate slightly away from the wall. When cleaning areas close to the wall, operate manually.

1 Tap "RUN ROUTE"

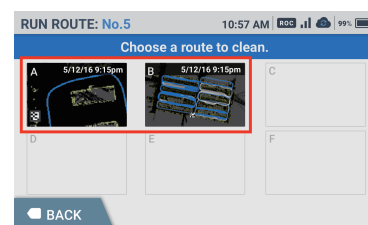


2 Scan the Home Location Code

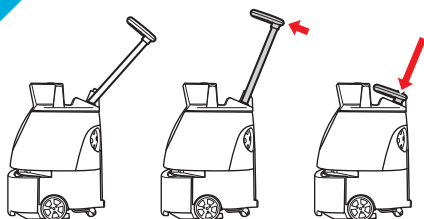


If an error is displayed in a red frame, adjust the distance of the Machine and the code and scan it again.

3 Select the Cleaning Route

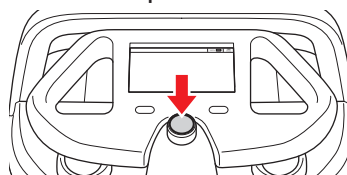


4 Stow the Steering Handle



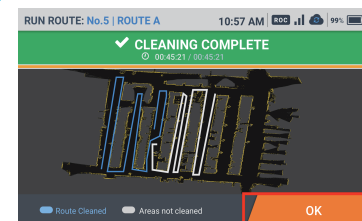
Hold the handle with both hands, and raise it forward at an angle. Then, push it back in to its original position.

5 Press the Autonomous Clean Start / Stop Button



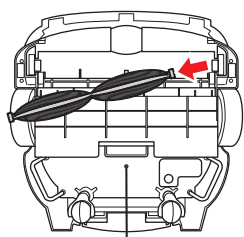
- Remove the Notification Pager from the Machine and carry it with you during autonomous cleaning.
- Once cleaning is complete, the Machine will return to the Home Location Code and the Pager will notify the operator of the completion of cleaning.

6 Tap "OK"



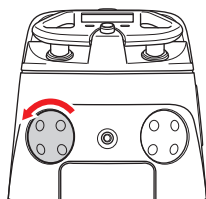
Routes that have completed cleaning is shown in blue and routes that have not completed cleaning is shown in white.

7 Machine Maintenance 【Once in half a year】



Brush

If the bristle of the Brush is getting shorter, replace it with a new one.



HEPA Filter

If the HEPA filter is dirty, replace it with a new filter. Do not wash with water.

8 Machine Maintenance 【Every day ~ every week】

Dustbag

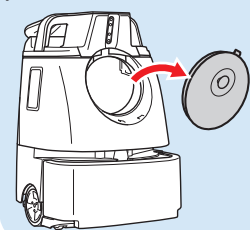
🕒 Replace every 9 hours approx

If the error message is displayed when the dustbag is full, replace it with a new dustbag.

The recommended replacement period is approximately every 9 hours (3 hours a day, 3 days a week).

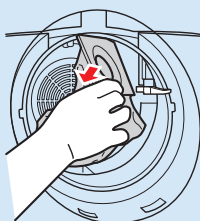
1. Open the dustbin

Hold the dustbin access handle down and remove the dustbin cover toward you.



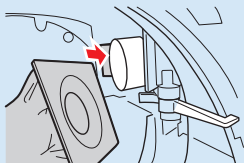
2. Remove the dustbag

Pull out the attachment sheet and remove the used dustbag from the Machine.



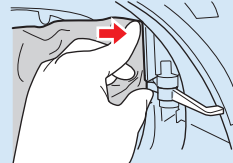
3. Hook it to the dustbin pin

Ensure that the illustration side of the dustbag is facing upwards and attach it to the machine.



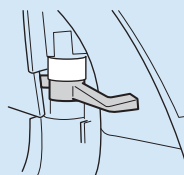
4. Push it in firmly

Align the suction port and the attachment sheet with the opening and push in the attachment sheet onto the right side.



5. Check the dustbin pin is afloat

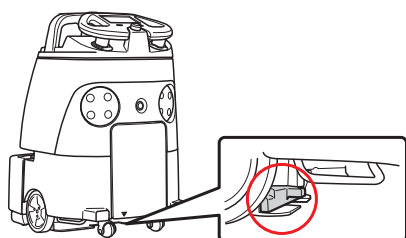
If the dustbag is installed correctly, the dustbin pin will float. Check that it is afloat and close the dustbin cover.



Hopper Tray

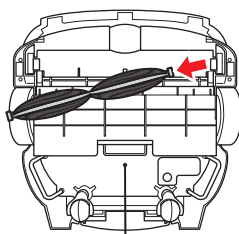
Discard any dirt in the hopper tray.

* It is possible to wash the Tray with water. Make sure the Tray is completely dry before putting it back to the Machine.



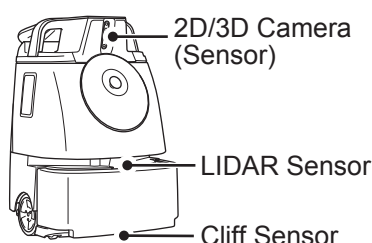
Brush

Remove any dirt or hair caught in it as necessary.



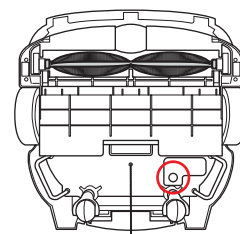
Sensor

If the sensors are dirty, gently wipe the surface with the Micro-fiber cloth.



Secondary Battery Power Button

Check that the Secondary Battery Power Button is off.



9 Troubleshooting

In case of any unknown trouble or if the Machine does not operate properly, reboot the Machine.

1. Turn the Main Power Switch off
2. Check that the Secondary Battery Power Button is off
3. Remove the Battery from the Machine
4. Wait for 30 seconds
5. Insert the Battery into the Machine
6. Turn the Main Power Switch on

If the problem does not resolve after the reboot, please contact the customer service that your local distributor specifies.

10 Whiz Safety Precaution

SAFETY PRECAUTIONS

Please read the safety precautions carefully to ensure the correct use of your translator.

Do not disassemble, modify or repair the device or the battery by yourself, otherwise the warranty will be invalid.

Do not crush, throw, or puncture your device. Avoid dropping, squeezing, or bending your device.

Do not use your device in a moist environment.

The charging temperature of battery should be 10°C—+40°C.

Do not expose your device to areas with flammables and explosives.

Do not turn on your device when it is prohibited to use.

For driving safety, the driver cannot operate the device when the car is in motion.

Use a dry soft cloth to clean the device; do not use water, alcohol, detergent or any chemicals.

Keep the device battery and charger out of the reach of children to prevent them from swallowing it or injuring themselves by accident. Children should only use the device with adult supervision.

Observe all rules and regulations applicable to mobile products in hospitals and health care facilities.

Only use the battery included with the product.

This equipment complies with MPE ICNIRP radiation exposure limits. This equipment should be installed and operated with minimum distance 25 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

SAR information

This device complies with the RE Directive (2014/53/EU). A minimum separation distance must be maintained between the user's body and the device, including the antenna during body-worn operation, to comply with RF exposure requirements.

CE Head SAR(0mm)≤2.0W/kg (10g)

CE Body SAR(5mm)≤2.0W/kg (10g)

Limbs SAR(0mm)≤4.0W/kg (10g)

The Specific Absorption Rate (SAR) is the unit of measurement for the amount of radio frequency energy absorbed by the body when using a device. This device meets guidelines for exposure to radio waves, and is designed not to exceed those limits.

Do not dispose of used device in a household rubbish bin. 

The device connected to a USB interface of version USB2.0.

This equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

Frequency bands and power		
Bands	Frequency	Max.Power Limit (dBm)
Lora	865-868MHz	≤14
WCDMA B1	1920MHz-2170MHz	23±2
WCDMA B3	1710MHz-1880MHz	23±2
WCDMA B8	880MHz-960MHz	23±2
FDD B1	1920MHz -2170MHz	23±2
FDD B3	1710MHz -1880MHz	23±2
FDD B7	2500MHz -2690MHz	23±2
FDD B8	880MHz -960MHz	23±2
FDD B20	830MHz -860MHz	23±2
TDD B28	703MHz -748MHz	23±2

This product can be used across EU member states.




	AT	BE	BG	HR	CY	CZ	DK
	EE	FI	FR	DE	EL	HU	IE
	IT	LV	LT	LU	MT	NL	PL
	PT	RO	SK	SI	ES	SE	UK

Hereby, Softbank Robotics Corp. declares that the equipment is in compliance with the following Directives: Machinery Directive 2006/42/EC, Radio Equipment Directive 2014/53/EU, RoHS 2011/65/EU and its amendment 2015/863, WEEE Directive, 2012/19/EU. The full text of the EU declaration of conformity is available at "meetwhiz.com/certification"

11 Pager Safety Instruction

Pictorial Symbols

Refer to the labels on each product (the machine, battery charger, battery).

	Do not short-circuit.		Do not disassemble.
	Do not immerse in water or other liquid.		

Europe

SAFETY PRECAUTIONS

Please read the safety precautions carefully to ensure the correct use of your translator.

Do not disassemble, modify or repair the device or the battery by yourself, otherwise the warranty will be invalid.

Do not crush, throw, or puncture your device. Avoid dropping, squeezing, or bending your device.

Do not use your device in a moist environment.

The operating temperature should be +5°C ~ +35°C .

Do not expose your device to areas with flammables and explosives.

Do not turn on your device when it is prohibited to use.

For driving safety, the driver cannot operate the device when the car is in motion.

Use a dry soft cloth to clean the device; do not use water, alcohol, detergent or any chemicals.

Keep the device battery and charger out of the reach of children to prevent them from swallowing it or injuring themselves by accident. Children should only use the device with adult supervision.

Observe all rules and regulations applicable to mobile products in hospitals and health care facilities.

Only use the battery included with the product.

This equipment complies with SAR ICNIRP radiation exposure limits. This equipment should be installed and operated with minimum distance 0 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

SAR information


This device complies with the RE Directive (2014/53/EU). A minimum separation distance must be maintained between the user's body and the device, including the antenna during body-worn operation, to comply with RF exposure requirements.

CE Head SAR(0mm)≤2.0W/kg (10g)

CE Body SAR(5mm)≤2.0W/kg (10g)

Limbs SAR(0mm)≤4.0W/kg (10g)

The Specific Absorption Rate (SAR) is the unit of measurement for the amount of radio frequency energy absorbed by the body when using a device. This device meets guidelines for exposure to radio waves, and is designed not to exceed those limits.

Do not dispose of used device in a household rubbish bin. 

The device connected to a USB interface of version USB2.0.

This equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

Frequency bands and power		
Bands	Frequency	Max. Power Limit (dBm)
Lora	865-868MHz	≤14

This product can be used across EU member states.

	AT	BE	BG	HR	CY	CZ	DK
	EE	FI	FR	DE	EL	HU	IE
	IT	LV	LT	LU	MT	NL	PL
	PT	RO	SK	SI	ES	SE	UK

12 Precautions of Use

NOTE

Handling the machine

- The dustbag, brush, battery, HEPA filters, and notification pager are designed specially for the machine. Do not use other products. Using other products may cause the machine to malfunction or cause damage to the machine.
- Do not affix a seal or tape on the sensor or the wheels. Doing so may cause the sensor to operate improperly, which may cause failure.

Cleaning

- Use the machine after checking for obstacles in the cleaning route. For the range detectable by the machine's sensors, see "Sensor Detection Range".
- Check that the following are not in the cleaning area. If vacuumed, they may cause malfunction of the machine or damage or injury to property, individuals or the machine.
 - Waste containing liquid or moisture
 - Large amounts of sand, dust; string
 - Sharp objects (glass, blades, metal fragments, etc.)
 - Objects that air cannot pass through easily (food wrap, plastic; wrapping film, etc.)
- Do not operate on the wet floor (with moisture). The machine cannot vacuum liquid. Doing so may cause failure. Only use the machine on a dry floor.

Battery charger

- Do not use any other electrical device on the same wall outlet when charging. Doing so may affect the battery charger due to lowering of the voltage.
- Do not use the battery charger placed standing or upside down. The battery charger is specifically for being placed sideways.
- Make sure the battery charger is where the power plug can connect easily to an outlet. Also position the battery charger so that its charge indicators can be checked visually.

Lasers and Infrared Light

- The machine confirms the safety of its surrounding area by laser.
- The machine is outfitted with one Class 1 laser.
- Class 1 laser:

If within a normal range of operation, no hazard exists by looking directly at the laser beam for a long period, or by using an optical instrument for observation such as a magnifying glass or binoculars to look directly at the laser beam (compliant with JIS C6802).

Sensor Detection Range

- The machine confirms the safety of its surrounding area with several sensors. The machine detects obstacles in a range of about 200° in front of it; do not go near the machine within the range that is not detectable by the sensors (behind it, etc.). It may not be able to detect the user as an obstacle.
- Low obstacles less than 10 cm (4 inches) in height from the floor cannot be avoided with sensor detection; remove them from the cleaning route beforehand.

13 Machine Specifications

Machine Specifications

Item	Specifications
Machine size (length × width × height)	474mm × 455mm × 653mm (18.6in × 17.9in × 25.7in)
Machine weight	Approx. 30kg (66lbs)
Machine weight (battery installed)	35kg (77lbs)
Cleaning width	360mm (14in)
Maximum inclination	0% (during auto cleaning)
Battery	Lithium-ion battery
Battery output voltage	25.2V
Battery rated capacity	23.7Ah
Charging temperature range (charger / battery)	10°C to 40°C
Battery size (length × width × height)	290mm × 215mm × 79mm (11in × 8.5in × 3.1in)
Battery weight	Approx. 5kg (11lbs)
Operating time	Approx. 3hours (normal mode) / approx. 1.5hours (max power mode)
Time to fully recharge	4hours
Charger size (length × height × width)	410mm × 350mm × 185mm (16in × 13.8in × 7.3in)
Charger weight (incl. power cable)	4.2kg (9.3lbs)
Charger power source	100 to 240V AC
Charger rated output voltage	29.4V DC / 8A × 2
Sound pressure level	80dB(A), K=2dB(A)
Sound power level	70dB(A), K=2dB(A)
Measured sound power level LwA	63dB(A), K=2dB(A)
Guaranteed sound power level	63dB(A)
Vibration	2.1m/s ² , K=0.1m/s ²
Commercial reference	Whiz
Type of device	Automatic Cleaning Machine
Model	A00000101

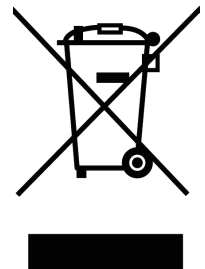
Notification Pager

Item	Specifications
Product code	P00000401A01
Size	Approx. 62mm (2.4in) × 100mm (3.9in) × 18mm (0.7in) (WLH)
Wireless communication standard	LoRa (Long Range)
Communication range	Straight line distance of approximately 300m (985ft) or less, can be used maximum of two stories up or down (Cannot be used when there is metallic wall, depending on the usage environment)
Built-in battery type	Lithium-ion battery 750mAh
Standby time	Approx. 48hours
Charging time (when charger is used)	2.5hours (when notification pager charger is used)

14 Disposal

This product is designed and manufactured with recyclable, high-quality materials and components.

When disposing of the product, check that it is being disposed of properly as industrial waste differentiated from general and business waste according to regional and municipal regulations by request to an industrial waste disposal operator.



- * If the product is being leased, it cannot be disposed of by yourself. Contact customer support. When disposing of the machine, remove the battery from the machine, and dispose of properly according to regulations for waste disposal in the region you are residing in.

SoftBank Robotics UK Ltd, Tower Bridge House, St Katharine's Way, London, United Kingdom, E1W 1DD

SoftBank Robotics Corp.