

Owner's Manual

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Congratulations on purchasing your intelligent floor cleaner! Xrobot is now at your service. To see Xrobot at his best, please read the Quick Start Guide and this manual thoroughly. Welcome to the Xrobot family and happy cleaning!

If you ever have questions or concerns, feel free to contact Xrobot helpful team at: www.yxrobot.com.

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Important Safety Instructions

Basic safety precautions should always be followed, including the following:

- Read ALL instructions before using.
- To protect against electrical shock, do not immerse any part of Xrobot—with the exception of his mopping cloth — into water or other liquids.
- Unplug Xrobot from outlet when not in use and before conducting maintenance.
- Do not operate Xrobot or his charging station if they have been damaged in any way. If Xrobot is not working as he should, or has been dropped, damaged, left outdoors, or dropped in water, contact **www.yxrobot.com**
- Do not handle Xrobot or his charging station with wet hands; use only on dry surfaces.
- Do not use Xrobot outdoors.
- Xrobot is not intended for use by persons (including children) with reduced physical or mental capabilities, or lack of experience and knowledge, unless under the close supervision of a person responsible for their safety.
- Do not mutilate or incinerate the battery, as it will explode at high temperatures.
- Do not expose Xrobot's charging station to high temperatures or allow moisture or humidity of any kind to come into contact with his station.
- Do not let Xrobot pick up toxic materials (chlorine bleach, ammonia, drain cleaner, etc.).
- Do not let Xrobot pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes. Do not use Xrobot to pick up flammable or combustible liquids such as gasoline, nor use him in areas where they may be present.
- Do not use Xrobot in an enclosed space filled with vapors given off by oil-based paint, paint thinner, moth-proofing substances, flammable dust, or other explosive or toxic vapors.
- Leaks from battery cells can occur under extreme usage or temperature conditions. If the liquid gets on skin, wash quickly with water. If the liquid gets into the eyes, flush them immediately with clean water for a minimum of 10 minutes, and seek medical attention.
- Xrobot is composed of electronic components that in rare or unintended cases can

cause hazards of heating, fire, or other malfunctions. Furthermore, because Xrobot is capable of and intended for autonomous movement and cleaning, his use poses the risk of collision with property, pets, and persons, and unintentionally displaced articles, such as small valuables, jewelry, or the hair of persons or pets lying on the floor, among others.

- Do not use Xrobot for anything other than his intended purpose, as specified in this manual.

Labelling requirements:

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.

Information to user:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Information to the user:

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.

What Comes in Xrobot's Box?



Xrobot, your intelligent floor cleaner



Xrobot's charging station



Charging adapter



Remote control

Blô main brush



Philips head screwdriver



2 Side brushes (1 spare)





Cleaning tool (to clean Xrobot)

Extra screws & Blindfold stickers



Mop attachment



2 micro-fiber cloths for mopping

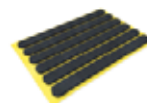


Filter replacement

Owner's manual, Quick start guide
& Warranty card



Bumper stickers

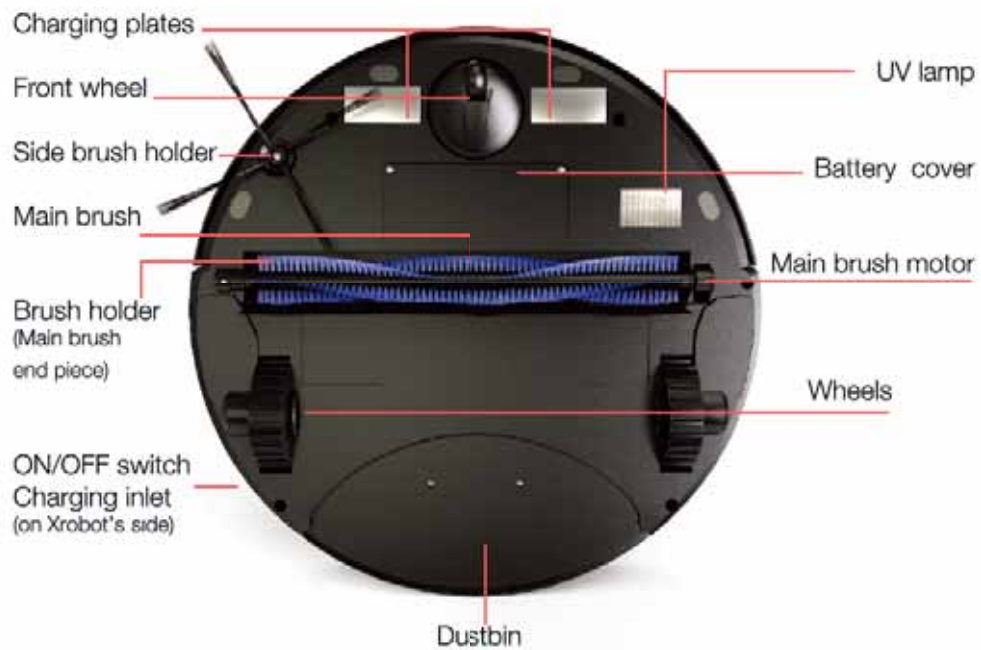


Xrobot's Anatomy

Top view



Bottom view



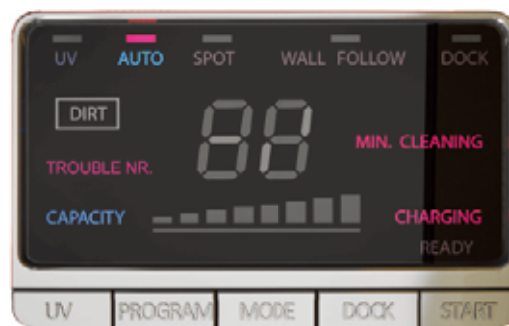
Charging station



Remote



Display screen



Cover buttons

From left to right:

UV	_____	Turn the UV lamp OFF/ON
PROGRAM	_____	Choose Xrobot's cleaning program
MODE	_____	Choose Xrobot's cleaning mode
CHARGE	_____	Put Xrobot in charging mode
START	_____	Start cleaning

Get Xrobot's Ready to Clean

Install Xrobot's Side Brush

Xrobot's side brush helps him sweep along corners, walls, and other hard-to-reach places. To install the side brush, use materials found inside Xrobot's packaging: a Phillips head screwdriver, and one of the darker, shorter screws included inside the small plastic bag of screws.



Flip Xrobot over onto a flat surface and use the Phillips head screwdriver to secure Xrobot's side brush into the side brush holder. You may use the remaining side brush as a spare.



Let Xrobot Charge

Before he is ready to clean, Xrobot must be fully charged.

Turn Xrobot's side power switch ON, and his screen will light up. To charge Xrobot, place him near his charging station and press the CHARGE button.

If Xrobot can't find his charging station, he needs to be synced with his station. See page 20 for instructions.

If Xrobot's screen does not light up when you flip his power switch ON, Xrobot's battery might be too drained for him to recognize his charging station — but don't worry!

Simply unplug the adapter from the charging station and instead plug it directly into the inlet above Xrobot's ON/OFF switch to help him regain consciousness.



The charging station's memory can store the cleaning schedule and current time for at least 8 hours without electricity. This will give you plenty of time to re-plug the adapter back into the charging station after Xrobot comes to life.

Xrobot's First Clean

Xrobot is now ready to clean! Press the START button on his cover twice — or the AUTO button on his remote once — and he will clean on his default auto1 setting (Robot mode).

Xrobot's Standby Mode

If Xrobot is left idle for more than a minute, he will turn his screen off and enter into standby mode to preserve battery.

In this mode, Xrobot's will sit quietly, awaiting your command to either resume cleaning or go to charge.

To get Xrobot back to cleaning

- ❖ Press START on Xrobot's screen twice,
- or
- ❖ Press the ON/OFF button on Xrobot's remote to wake him up, then press AUTO on the remote to send him back to work.

To send Xrobot to his charging station:

- ❖ Press the ON/OFF button on Xrobot's remote to wake him up, then press CHARGE;
- or
- ❖ Press CHARGE on Xrobot's cover.

Charging Xrobot

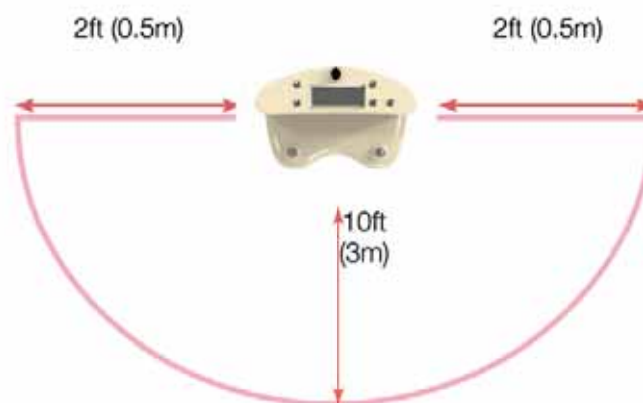
Charging Station

Plug the charging adapter into Xrobot's station to turn it ON. The screen on his station should light up.

Place Xrobot's charging station on a hard, flat surface with up to 1 inch of space between the back of his station and a wall.

In general, Xrobot's chance of finding his station is directly related to the amount of open space around it. Make sure there is no obstacle or uneven ground within at least 2 – 3 meters (6 – 10 ft) of the front and half a meter (2 ft) to the sides of his station (figure 1).

The infrared transmitter on Xrobot's station should be clean and free of dust.



Auto-Charging

Xrobot is smart and will automatically search for his charging station when his battery falls below 15%.

You may also direct Xrobot to his charging station at any time by pressing the CHARGE button on his remote.

If you press any button while Xrobot is looking for his charging station, he will stop searching and will enter standby mode.



Manual Charging

Plug the power adapter directly into the inlet on Xrobot's side, above his ON/OFF switch.



Placing Xrobot on the charging station does not put Xrobot into charge mode. Xrobot's charging plates active when he is put in charge mode by pressing CHARGE on his cover or remote. For a manual charge plug Xrobot directly to the wall.

Sync Xrobot with his charging station

If Xrobot can't find his charging station, the station and Xrobot are out of sync and you need to sync up their coding. Follow these steps:

1. Bring Xrobot close to his charging station.
2. Disconnect the charging station from the adapter.
3. Switch Xrobot OFF.
4. Plug the adapter into the charging station.
5. Press and hold the Select/Adjust button the charging station.
6. While holding the Select/Adjust button, turn Xrobot ON using the switch on his side.
7. Xrobot will emit two consecutive chirps to indicate the charging station has been synchronized.
8. If you do not hear the chirps, turn Xrobot and the charging station OFF, disconnect the station from the adapter, repeat the process (restart from step 1).

Charging Time

When Xrobot is charging, the battery bars show his charge level. Xrobot will display the word **READY** on his screen as soon as his battery is full.

Xrobot can sit idly on his charging station for up to 5 consecutive days; afterward, you should turn his side power switch OFF.

Xrobot's Cleaning Modes

Cover Buttons

Auto Settings

Xrobot is equipped with three automatic cleaning modes: Xrobot Quick Clean, and Touch Up. On these settings, he will automatically maneuver around your home, cycling through his different cleaning patterns: Spiral Track™, Waffle Track™ and Wall Track™. Choose the setting that best suits your cleaning needs.

Auto 1: Robot

Xrobot will thoroughly cover a large area before automatically returning to his charging station when his battery falls below 15%.

- ▶ To select this setting, turn Xrobot ON, and press the START button twice.

Auto 2: Quick Clean (30 min)

Xrobot will quickly and efficiently clean a medium-sized area for 30 minutes before going on charge mode; he will then return to his charging station.

- ▶ To select this setting, press the MODE button on Xrobot's cover until you see the word AUTO on his screen.
- ▶ Press the PROGRAM button until Xrobot displays the number 02.
- ▶ Press START to confirm your selection.
- ▶ After 30 minutes Xrobot enters charge mode and returns to his charging station.

Auto 3: Touch Up (15 min)

For when you are on-the-go, make Xrobot dash across a small area for 15 minutes. After touching up your room, Xrobot will enter charge mode and will return to his charging station.

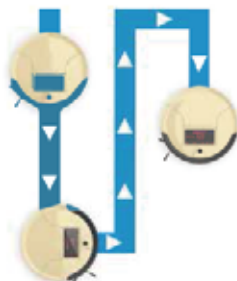
- ▶ To select this setting, press the MODE button on Xrobot's cover until you see the word AUTO on his screen.
- ▶ Press the PROGRAM button until Xrobot displays the number 2.
- ▶ Lastly, press START to confirm your selection.
- ▶ After 15 minutes of cleaning, Xrobot enters charge mode and returns back to his charging station.

Select Xrobot's movement patterns

- ▶ Press the MODE button twice. The word SPOT will appear on Xrobot's screen.
- ▶ Press the PROGRAM button once, twice, or three times to choose Xrobot's movement pattern. 1 indicates Spiral pattern (1 – 4 mins), 2 indicates Zigzag pattern or Waffle Track™ (1 – 4 mins), and 3 indicates Wall Track™ pattern (~10 mins).
- ▶ Press START to confirm your selection.



1 indicates Spiral Track™
(1 – 4 mins).



2 indicates Waffle Track™
(1 – 4 mins).



3 indicates Wall Track™
(~10 mins).

When the SPOT cleaning mode is over, Xrobot will automatically enter charge mode and returns back to his charging station.

Xrobot returns to charge after short cleaning tasks

After Xrobot fulfills your command of Spot Clean, Quick Clean (30 minutes) or Touch Up (15 minutes), he goes back to his charging station regardless of how much battery he has left. If you prefer Xrobot to continue cleaning, you can keep him from going into charging mode by selecting the cleaning mode of your choice using Xrobot's remote or his cover buttons.

Send Xrobot to charge

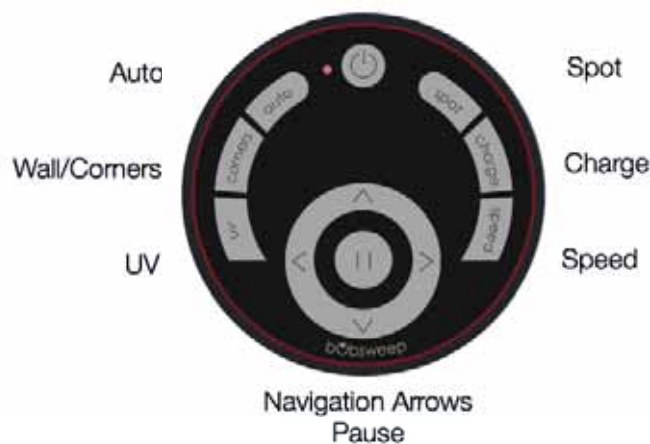
► Press the CHARGE button. The red battery sign will appear on Xrobot's screen, and Xrobot will begin searching for his charging station.

Switch the UV light on/off

The UV light is turned on by default everytime you switch Xrobot ON. Press the UV button to turn the UV light on or off.

Remote Control

Xrobot's remote control works at an average distance of 10 feet. It must be pointed directly at Xrobot with no obstacle blocking its signal. Xrobot's remote has the following buttons:



Power - Puts Xrobot in standby mode. To put Xrobot in standby mode, the power switch on Xrobot's side is still turned ON.

Auto - Activates Xrobot's default cleaning mode (Robot/Auto1).

Walls/Corners - Activates Xrobot's Wall Track™ mode. Sets Xrobot to clean along walls and perimeters of a room.

UV - Turns the UV light on and off.

Spot - Activates Xrobot's Spiral Track™ mode. Sets Xrobot to clean using spiral, spot-cleaning movements.

Charge - Sends Xrobot to search for his charging station.

Speed - Sets Xrobot's speed to either slow, medium, or fast.

Navigation arrows - Guide Xrobot forward, backward, right, or left. Hold each button down to keep Xrobot moving in the desired direction; release to stop him.

Pause - Pauses or un-pauses Xrobot's movement.

Sync Xrobot with his remote

If Xrobot isn't responding to your commands on the remote, you may need to resynchronize the remote with Xrobot. Follow these steps:

1. Switch Xrobot OFF by turning the power switch on Xrobot's side OFF.
2. Press and hold the PAUSE (||) button on the remote.
3. While holding down the PAUSE (||) button, turn the power switch on Xrobot's side to ON.
4. Xrobot will chirp twice to indicate that the remote has been synchronized.
5. If you do not hear Xrobot chirp, repeat the process.

Xrobot's Mopping Feature

To install Xrobot's mopping attachment, place it between his left and right wheels with its tails facing downward. Press down gently until you hear a "click."

You may dampen Xrobot's mopping cloth with water or cleaning liquid before placing it on his mopping attachment. With his mop installed, Xrobot's can mop, sweep, and vacuum simultaneously.



Remove the mopping attachment when Xrobot is cleaning carpets or rugs. To do so, gently press the tails inward and lift the attachment up.

The mopping cloth can be washed manually or in the washing machine. A spare cloth is provided in Xrobot's package for your convenience.

Set Xrobot's Cleaning Schedule

A look at Xrobot's charging station

There are 5 buttons on Xrobot's charging station:

On/Off

OK/Auto Resume

Time/Clock

Schedule/Program

Select/Adjust

These buttons are used to program Xrobot's daily cleaning schedule.



Set the Time & Day

Xrobot uses a 24-hour clock. If you want Xrobot to start cleaning at 8:00 AM set his schedule time to 08:00. If you want him to start at 8:00 PM, set it to 20:00.

The charging station's default time is 8.00 AM. The station displays 08:00 when it's turned on for the first time, or when you have unplugged it for 8 or more hours.

To set the current time and day on Xrobot's charging station, follow these steps:

- ▶ To set the minutes, press the clock button once. The digits for the minutes will blink. Use the adjust (+) button to select the current minutes. Press the clock button to move on to the hour digits.

- ▶ To set the hours, press the clock button until the digits for hours blink. Use the adjust (+) button to select the current hours. Press the clock button again to move on to the weekday.

- ▶ Weekdays are defined as:

Su= Sunday Mo = Monday Tu=Tuesday We=Wednesday Th=Thursday
Fr= Friday Sa= Saturday

To set the weekday, press the clock button until a weekday symbol blinks on the screen. Use the adjust (+) button to select the current day. Press OK to save.

Press OK to save each setting within 30 seconds, otherwise the operation will quit without saving.

Scheduling Cleaning

After setting the current time and day on Xrobot's station, you can program Xrobot's weekly cleaning schedule. Keep in mind that Xrobot works on a 24 hour schedule.

- ▶ To set the minutes, press the schedule (bell) button once. The digits for the minutes will blink. Use the adjust (+) button to select the desired minutes and press the schedule button again to move to the hour digits.
- ▶ To set the hours, press the schedule (bell) button until the digits for hours blink. Use the adjust (+) button to select the desired hours and press OK to save or press the schedule button again to move to selecting the weekdays.
- ▶ To set the weekday(s) you want Xrobot to clean, press the schedule (bell) button until the icon Su for the first weekday blinks.
- ▶ Each weekday blinks for 5 seconds and then remains solid. This indicates that the corresponding day has been selected for cleaning.
- ▶ To move between days, use the adjust (+) button to move on to the next day. If you would like to skip a certain day, press the (+) button while the weekday icon is still blinking. When all desired days are selected, press OK to save.
- ▶ To deselect a day, press the power button while the day is blinking.
- ▶ If Xrobot's charging station is unplugged or turned off for more than 8 hours, his schedule will reset.

You can choose any and all weekdays for cleaning. Xrobot starts his cleaning at the selected time (e.g. 14:30) on all programmed days (e.g. Mo, Tu, Th).

Back-to-back cleaning cycles (auto-resume): Set Xrobot to (re)start cleaning when fully charged

Xrobot's back-to-back cleaning (auto-resume) mode is among the unique features that set him apart from other robotic vacuum cleaners. Auto-resume enables Xrobot to get back to work as soon as his battery is fully recharged.

To activate back-to-back cleaning cycles, press the cycle/OK button on Xrobot's charging station. A **broom-shaped sign** will light up on Xrobot station's screen. This means that Xrobot is on back-to-back cycles mode and will automatically resume cleaning when his battery reaches full charge.

While the broom sign is on, Xrobot leaves his charging station and begins cleaning EVERY TIME his battery is full. To cancel this setting, press the cycle/OK button again. When activated, Xrobot's back-to-back cycles mode will stay in effect until it is turned off by you, or until the charging station is reset after being unplugged for over 8 hours.

If Xrobot is scheduled to clean, he will leave his station even if he hasn't finished charging.

Parts & Maintenance

Dustbin

To eject the dustbin, gently push the button on its back. Pull the dustbin out with one or both hands.

To empty the dustbin, open the transparent vent on the front.

You may wipe the dustbin with a dry cloth or brush it with the cleaning tool.

When done, slide the dustbin back into Xrobot and make sure it is properly inserted.

Never wash the dustbin nor fill it with water or any other fluid.



Filters

Three filters are located inside the dustbin's ceiling; they capture fine particles and allergens, and prevent their escape from the dustbin.

To remove the filters, eject the dustbin and pull the filter's frame towards you.

You will see three filter layers:

- + Mesh filter for larger particles
- + Electrostatic filter for fine particles
- + HEPA filter for sub-micron particles



Use the cleaning tool to brush dust off the filters.

It is recommended that you change the electrostatic and HEPA filters every 4 – 6 months, depending on the frequency and intensity of Xrobot's cleaning.

Main Brush

Remove the Main Brush

Remove the screw on Xrobot's main brush using a Phillips head screwdriver. Keep the screw and the end piece (the main brush holder) in a safe place away from children or animals reach.



Clean the Main Brush

It is recommended that you clean Xrobot's main brush on a regular basis. Use the cleaning tool to remove dust and debris from both ends of the brush, as well as its compartment inside Xrobot. Use a pair of scissors to cut off any hair or threads wrapped around the brush.



Install the Main Brush

To reinstall the brush, replace the end piece (main brush holder) and insert the opposite end of the brush into the square indentation inside Xrobot. Lastly, re-tighten the screw.



Side Brush

Install the Side Brush

When you first adopt Xrobot his side brush is not yet attached. You will need to screw it onto Xrobot using a dark grey screw from the small plastic bag of screws included in his package.



Remove and clean Xrobot's side brush on a regular basis.



Sensors

Cleaning Xrobot's sensors

Dirt and dust on Xrobot's ground detection and wall sensors can affect his performance. Cleaning these sensors regularly ensures that Xrobot keeps working at his best. Use a soft cloth slightly moistened with cold water or alcohol to wipe Xrobot's ground detection sensors on his belly, and his wall sensors along his bumper.



Blindfold Stickers

Dark-colored carpeting and certain floor patterns may seem like edges to Xrobot's ground detection sensors. If you notice that Xrobot stops with TROUBLE NR 04 on your carpet, you may need to "blindfold" Xrobot by covering his ground detection sensors. Xrobot's ground detection sensors are located on his underbelly, near his bumper. While blindfolded, Xrobot will be unable to detect stairs or sharp edges.



Dirt sensors

For a more efficient clean, Xrobot is equipped with dirt detection sensors. If Xrobot reaches a particularly dirty spot while cleaning, his dirt detection sensors will activate, the word DIRTY will appear on his screen, and Xrobot will increase his cleaning intensity.

Battery

Replacing Xrobot's battery

To replace Xrobot's battery, remove the battery cover using a Phillips head screwdriver. Carefully lift the battery out of its compartment, and unplug the connecting wires. - Plug the new battery in at the circuit junction and slide it into the empty compartment. Tighten the screws on the battery cover.



Storing Xrobot

Do not let Xrobot sit idly with his power switch ON for more than a week; switch him OFF to conserve his battery.

If you are not using Xrobot for an extended period of time, unplug the charging station, remove Xrobot's battery, and store everything in a dry place at room temperature.

Do not leave Xrobot in direct sunlight

Trouble Numbers

Likely Cause(s) fo Xrobot's Trouble Numbers

When Xrobot faces an uncomfortable situation, he will notify you by displaying TROUBLE NR, coupled with a two-digit number on his screen. Each number corresponds to a certain issue Xrobot is having.

If Xrobot's problem persists after attempting the suggested solutions, you may want to perform a self checkup test (see next section). At any time, you may also contact our customer care center at www.yxrobot.com. We love hearing from our fellow bObsweep family members!

Not a fan of reading? Visit www.yxrobot.com for handy video guides, or scan this smart phone barcode:

Trouble Number 00: Left Wheel

Trouble number 00 pertains to an issue with Xrobot's left wheel.

What to do:

Start by checking the left wheel for jamming. Use the cleaning tool or compressed air to remove any dust or debris that may be jamming the left wheel. If this does not solve the problem and Xrobot still shows Trouble Number 00, perform a checkup test to see how the wheels respond to the test.



Trouble Number 01: Right Wheel

Trouble number 01 pertains to an issue with Xrobot's right wheel.

What to do:
Start by checking the right wheel for jamming. Use the cleaning tool or compressed air to remove any dust or debris that may be jamming the right wheel. If this does not solve the problem and Xrobot still shows Trouble Number 01, perform a checkup test to see how the wheels respond to the test.



Trouble Number 02: Main Brush

Trouble number 02 means Xrobot's main brush is unable to move freely.

What to do:
Remove the main brush using a Phillips head screwdriver, and clean it thoroughly from end to end. You may use a pair of scissors to cut hair or thread wrapped around Xrobot's brush, or a pair of tweezers to remove congestion from the motor area (the square metal indentation where the



main brush is held). If Xrobot displays Trouble Nr 02 while cleaning on a shag carpet or rug, you may remove his main brush and allow him to vacuum without it.

Trouble Number 03: Front Wheel

Trouble number 03 means Xrobot's front wheel is unable to move freely.

What to do:

Remove debris congesting the front wheel using compressed air and the cleaning tool. If the congestion is not removable from the outside, disconnect the front wheel using a flat head screwdriver for leverage, and remove the obstruction. For a comprehensive how-to video, visit owners.bobsweep.com.

Trouble Number 04: Ground Detection Sensors

Trouble number 04 means Xrobot's ground detection sensors are blocked or dirty. Xrobot's four, oval-shaped ground detection sensors are located on his underbelly, near his bumper.

What to do:

Wipe the sensors using a clean, dry cloth or dust them using compressed air.

If Xrobot frequently displays this trouble number while working on dark-colored or patterned carpeting, you may need to blindfold him. Peel the backs off of Xrobot's blindfold stickers and place them on each of his four sensors so that they are completely covered. While blindfolded, Xrobot will be unable to detect stairs or sharp edges. Read more about Xrobot's blindfold stickers on page 38.



Trouble Number 05: Wall Sensors

Trouble number 05 means Xrobot's wall sensors are blocked or dirty.

What to do:

Do a visual check on the transparent stripe on Xrobot's bumper. If it is too dirty for you to see what is behind it, wipe it with a clean, damp cloth.

To ensure nothing is jammed under the bumper, gently tap it and use compressed air to clear it of debris. If the issue persists, try running a checkup test on Xrobot.



Trouble Number 06: Touch Sensors

Trouble number 06 pertains to Xrobot's touch sensors. It is likely that a small piece of debris is trapped under the bumper.

What to do:

Slowly and carefully tap on Xrobot's bumper to clear out any obstructions. Use compressed air to clear it of dust and debris.

Press on both ends of the front bumper until you hear a tiny 'click' sound. If the bumper is not clicking on its ends, it is possible that one or more of Xrobot's touch sensors has a broken arm and needs to be replaced.



Trouble Number 07: Main Brush Installation

Trouble number 07 means Xrobot's main brush is not properly installed.

What to do:

Use a Phillips head screwdriver to remove the main brush and put it back in place. Make sure the brush's square metal end is well fitted into the corresponding square metal part on the main brush holder.

Trouble Number 08: Dustbin

Trouble number 08 means Xrobot's dustbin is not properly installed, or his dustbin's metal contact points are dirty.

What to do:

Remove Xrobot's dustbin and empty it. Turn the dustbin around and gently wipe the two metal connectors on its bottom. Lastly, clean the metal contact points inside Xrobot where the dustbin is inserted.

Trouble Number 09: Mainboard

Trouble number 09 generally means Xrobot's mainboard is malfunctioning and needs to be replaced.

What to do:

Xrobot likely needs to visit the Xrobot hospital for treatment! But don't worry, Xrobot's doctors are just an e-mail away. Send a short explanation to www.yxrobot.com, and leave the rest to them!

Trouble Number 10: Power System

Trouble number 10 means Xrobot's power system is in trouble.

What to do:

The reason for trouble number 10 can range between the following options:

- ❖ The most likely reason for trouble 10 is that Xrobot has got no charge left and is starving. Plug him directly to the wall and allow him to charge for a few hours.
- ❖ Xrobot's battery connectors are loose. Open the battery compartment and check the battery connectors.
- ❖ If Xrobot starts showing trouble number 10 as soon as he automatically docks on his charging station, the issue can be one of the following:
 - Xrobot is in need of a new charging station. To test this, plug Xrobot directly to his adapter. If the issue is resolved charging station is the reason for Xrobot's trouble number.
 - If the issue persists even after manual recharging and checking the battery connection, it is likely that Xrobot's adapter is the cause for the issue. If you have a measuring device handy, check to see if the current of the adapter is above 560mA.

Self Checkup System

It can sometimes be difficult to know what exactly is wrong with Xrobot if he is not feeling well or working the way he used to. To make it easier for you to diagnose the real reason behind Xrobot's odd behavior or reduced productivity, he is equipped with a comprehensive home checkup test — a simple procedure that allows you to examine each of Xrobot's parts independently.

Put Xrobot in checkup mode

Set Xrobot's side power switch to OFF and place him on a light-colored surface. While holding down the START button on Xrobot's cover, turn Xrobot's power switch ON.



Xrobot will turn on and emit a three-tone beeping tune. The screen will show a word or a number sign. Xrobot is now in checkup mode. Do not press any buttons.

Step One: Ground detection sensors

Right after Xrobot enters checkup mode and while Xrobot is on the floor, look at his screen. You should see four lights indicating TROUBLE NR, MIN CLEANING, CAPACITY, and CHARGING lit up in the center of Xrobot's display. If all four lights do not turn ON upon entering the checkup mode, flip Xrobot over and wipe the ground detecting sensors with a clean cloth. Check again to see if all four lights turn on. If the problem persists, Xrobot's sensors may need to be changed. In that case, contact www.yxrobot.com.



To check the ground detection sensors, lift up Xrobot about 6 inches off the ground (more than 15cm). You will see that the four lights will turn off. If all four lights turn off while Xrobot is lifted, put Xrobot back on the floor and continue to the next step without pressing any additional buttons.

Step Two: Wall sensors

Use a thick, flat, and white surface, to imitate a wall and drag it around Xrobot's bumper. The 5 indicators along the top of the display (UV, AUTO, SPOT, WALL FOLLOW, DOCK) will light up as you move your imitation wall around the bumper.



Step Three: Touch and bumper sensors

To move on to this test, press the UV button on the cover twice. The UV button is located on the lower left corner of Xrobot's display. Xrobot's screen will then go blank.

Press on the right and left side of Xrobot's bumper and the words "DIRT" and "MINS. CLEANING" should light up, indicating that his sensors are working properly. If you press the center of the bumper, both words appear at the same time. If any word fails to light up, it is likely that Xrobot needs a new bumper. In that case, contact www.yxrobot.com.



Step Four: Display screen

Press the UV button one more time. Each word and icon on the screen will light up in a repeating rotation.

Step Five: Brush and suction power

Press Xrobot's UV left button one more time until all icons on the screen light up. Now press the PROGRAM button located to the right next to the UV button. In this mode, the brushes start rotating and you will feel air flowing from the back of

the dustbin. Ignore the signs and numbers on the display in this test mode. If you do not feel air flowing out of the dustbin, then Xrobot's vacuum motor may need to be replaced.



Step Six: UV light and wheels

This final step is to test Xrobot's UV light and his wheels. Hold Xrobot up and lift him off the floor to keep him from running away! Then press the MODE button and his wheels will drive forward.

Next, flip Xrobot over and you will see his UV lamp light up.

Press MODE once more. Xrobot's wheels will drive backwards and his UV lamp will turn off.

If everything responds properly, Xrobot's internal parts are working correctly! Contact www.yxrobot.com if you have any questions, as doctors at the Xrobot hospital are always ready to help!



Support & Warranty

Warranty information

A Xrobot product purchased from an authorized seller and used anywhere in the world includes a 1-year limited warranty, 2-year warranty on the battery, five years of subsidized replacement, and a lifetime of support. The warranty covers labor and all parts, except brushes, filters, and mopping cloths. Postal charges are not covered by the warranty.

Additional coverage plans are available for purchase at www.yxrobot.com.

Even after Xrobot's warranty is over, all his replacement parts and his visits to hospital are subsidized between 25%-50% for five years from the date he was first adopted.

To activate Xrobot's warranty, register him online and keep your original purchase receipt.

To register Xrobot, visit www.yxrobot.com.

Xrobot's Cleaning Behavior

Xrobot's cleaning pattern may look quite different from the way a human would clean: he may spin in a gradually widening circle, follow along walls, or zigzag across a small area. Sometimes he may seem to be ignoring some spaces or spending too much time on others—but don't worry! Xrobot's dirt sensors tell him to pay more attention to particularly dusty or soiled areas. Rest assured, Xrobot will efficiently clean your home within the course of a full cycle — just check his dustbin for the evidence!

It is best to let Xrobot work in his own way, even if his movements appear odd. Moving him around, manipulating his movements, or picking him up may confuse him and disrupt his cycle.

If you wish to control Xrobot's movements manually, you may use the navigational buttons on his remote control. If your rooms are divided by higher ledges than Xrobot is able to climb, you may gently push him over.

Xrobot's Challenges

Xrobot is designed to maneuver around furniture of most shapes and sizes, but certain configurations may confuse him temporarily. Xrobot may sometimes find it difficult to clean under chairs with narrow legs, or furniture that is too low for his bumper sensors to detect. Irregularly-shaped furniture, such as chairs with circular bottoms, may also confuse him for a moment—but don't worry, Xrobot usually finds his way around with time.

Blindfold stickers

Xrobot uses infrared light to detect edges and stairs; because dark-colored carpet absorbs most light, it may seem like an edge to Xrobot's sensors. If Xrobot continually displays TROUBLE NR 04 on his screen while working on dark-colored carpet, simply cover the four ground detection sensors on his underbelly with the blindfold stickers that came in his box. Just remember that when Xrobot is "blindfolded" he will not be able to detect edges or stairs!

Main brush

Xrobot's main brush, which is designed to reach deep into carpet, may also have trouble turning on rugs with long fibers or fringes. You may remove Xrobot's main brush and allow him to vacuum without it when this happens.

Mop

Xrobot's mop, which is attached to his bottom, is designed to sit flat against the floor and leave behind a clean trail. Because of this, Xrobot may have a tough time climbing over elevated surfaces while mopping. Make sure to remove Xrobot's mop when he is not cleaning smooth surfaces such as tile or hardwood.

Inclines

Sometimes Xrobot will attempt to drive up angled surfaces, getting stuck for a few minutes before he decides to clean somewhere else. This is because Xrobot wants to cover every spot in your home and will try his hardest to overcome any obstacle!

As long as Xrobot does not stop with a Trouble Number on his display, allow him to find his own way around your home and continue cleaning. Take note of the areas Xrobot finds the most challenging, and if possible spread or adjust some of your furniture accordingly.

FAQs

1. Where can I find Xrobot's training videos?

Xrobot's "how-to" videos can be found at Xrobot's owners' corner: www.yxrobot.com.

2. How long should Xrobot's battery last?

The exact time depends on the type of the surface Xrobot is cleaning as well as the age of the battery. Generally, the smoother the surface (hardwood or tile for example), the longer the battery will last. When fully charged, a new Xrobot usually cleans between 45 to 90 minutes.

3. My Xrobot's battery never seems to charge fully. How do I know that it is full and ready to clean?

When Xrobot charges using the wall adapter or charging station, the red bars flash on his digital display. With no battery issues, Xrobot is fully charged within 4 hours, and you will see the word "Ready" light up on his screen.

4. How often should I empty the dustbin?

Xrobot's dustbin has a 1L capacity—three times larger than most robotic vacuum cleaners on the market today! This means you may not need to empty the dustbin immediately after every cleaning. Depending on the size of the room and the amount of particles piled up, Xrobot can perform up to around six cleanings before he fills his dustbin. Simply remove the dustbin and check to see if emptying is necessary.

5. How often should I clean Xrobot's brushes?

Xrobot's brushes do a lot of the work picking up hair and larger debris, so it is recommended that you clean the main and side brushes every 1 to 4 uses. If you notice a thick covering of hair, dust, and debris on his brushes, remove and clean them. Remember to clean the notches that hold Xrobot's brushes in place on his interior. This assures they stay in good condition for a long time.

6. My Xrobot won't turn on no matter what I do.

If Xrobot only charged for a short amount of time and does not start after using his ON/OFF switch or his charging station, it's likely that his battery has drained too low to operate. To recharge him, unplug the adapter that normally attaches to the charging station and plug it directly into the inlet on Xrobot's side. Let Xrobot recharge fully this way before using again. After this procedure, you will be able to charge Xrobot manually or automatically using the docking station. If you place Xrobot on his charging station, always make sure to turn him ON first, to activate the charging plates on his bottom. When Xrobot charges, the battery bars on his display blink.

7. Why is my Xrobot beeping?

If Xrobot is stationary and left ON without cleaning or charging, he will beep once every five minutes to alert you that his battery is draining. Press the power button on the remote to put Xrobot in standby mode or turn him off completely with his side power button. You will have to switch this button ON the next time you want Xrobot to clean. Xrobot also beeps when he encounters a problem cleaning and needs assistance. Along with his sounds, you will see a Trouble Number on the digital display which lets you know why Xrobot has stopped. Consult this manual's Trouble Numbers section to resolve Xrobot's error messages.

8. Xrobot is having trouble finding his charging station. Where is the best place to put his station?

For Xrobot to find his charging station, he needs to face it directly. Xrobot will find his station more easily if you place it near the perimeter of the room with plenty of space in front of it, so that he may detect the station from afar. In order for Xrobot to dock properly, be sure to place the charging station about 2 inches away from the wall, facing outward on a flat surface like hardwood or tile flooring instead of carpet. To facilitate Xrobot's work, find a spot for the charging station where Xrobot has a higher chance of passing through.

9. I left Xrobot's brush in for multiple cleans and am having problems removing it.

If the main or side brushes are difficult to remove, it is likely because hair, string, or other debris have been caught in them and are clogging the areas where they attach to Xrobot. You can use scissors to cut the hair wrapped around either brush, until you are able to remove it. You may need to gently pull the main brush up or down to reach the corners, but do not force the brushes out as this can damage them.

10. Xrobot gets stuck under my furniture or travels over wires that tangle up his brush. How can I stop him from going into these areas?

Xrobot always wants to sweep and cover all the spaces he can find in your home. Because he's so eager, he may get into trouble once in a while. If he maneuvers snugly under a piece of furniture, he may take longer than expected to get out. If there is only one open entrance, Xrobot may need a few minutes to figure out how to escape on his own. You will not have to assist him when this happens, unless Xrobot stops cleaning completely and starts beeping.

11. Why does Xrobot start up when I did not tell him to clean?

Xrobot may begin cleaning on his own only if you enable the GO function or if he is scheduled to clean. First, look at the display on Xrobot's charging station. If the small icon of a broom with the word "GO" appears, Xrobot is programmed to start working immediately once he fully recharges. To disable this function, click the GO button located on the left of the charging station screen. If this is not the case, check Xrobot's cleaning schedule. Make sure you have set the correct time on the charging station. It is a 24 hour clock, so you will need to enter 1:00 if it is 1 AM and 13:00 if it is 1 PM. Apply the same rule when programming Xrobot's weekly cleaning schedule.

12. When should I use the circle and zigzag spot functions?

The circle spot function is best for clearing a small area with a large amount of dirt or dust. It is a great way to target a newly soiled area, such as one particular spill in an otherwise clean area. The zigzag spot function (waffle track™) is also useful for small spaces. It is very effective when mopping as its movement pattern minimizes streaking on tile or hardwood floors.

13. My Xrobot is stopping and showing a Trouble Number on the screen. How can I fix this?

Xrobot's Trouble Nr notifies you of the specific reason his work has been interrupted. This intelligent, self-scanning feature allows you to identify the source of the problem quickly. A Trouble Nr rarely signals a defect and can be solved with simple procedures. Along with words "Trouble Nr," there will also be a number on the center of Xrobot's screen (where Xrobot's cleaning minutes can be seen). The numbers range from 00 to 09. Each number represents an issue with a specific mechanical part of Xrobot. To understand Xrobot's language, consult the Troubleshooting section of the manual for the cause of the problem as well as its solution.

14. What is the best way to clean Xrobot's wheels?

To remove dirt and dust, use the cleaning tool or compressed air to clear the creases of the wheels. For more efficient removal, put Xrobot in Check-Up mode (found in the Self Check-Up section of this manual) and test the wheels. Clean the sides and bottom of the wheels as they spin in order to achieve the most thorough clean.

15. My Xrobot just stopped while cleaning and the screen went off. What do I do next?

Like other electronic devices with a CPU (computers, smart phones, etc.), Xrobot might experience a momentary halt in his operating system. You can usually get Xrobot back to work by simply turning the power button on his side OFF and ON again.

If this does not solve the issue,Xrobot might need a restart.You can restart him by plugging the power adapter directly to the inlet on his side.

**16. I have a question and need to contact Xrobot's support team.
How do I do that?**

Our devoted team is always eager to help you! You can reach us by phone or e-mail. Call us toll free **400-6671-909** for support in China and the United States. Or, e-mail us at **www.yxrobot.com**. Our goal is to get back to you within a day. To watch Xrobot's how-to,repair,and troubleshooting videos, order parts, and to connect with your extended Xrobot family members, visit **www.yxrobot.com**,

§ 15.19 Labelling requirements.

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.

§ 15.21 Information to user.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

§ 15.105 Information to the user.

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.

Xrobot