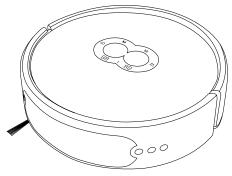
level to the second second

ROBOTIC VACUUM CLEANER

Model: X6S OWNER'S MANUAL



Thank you for purchasing inxni Robotic Vacuum Cleaner. To obtain the best result of the product, please read this manual carefully as well as the quick start guide to get familiar with the product.

Welcome to the world of smart robotic floor cleaner.

inxni Robotic Vacuum Cleaner is a robot based on laser autonomous navigation with advanced smart technology. Equipped with a laser scanning range finder, inxni Robotic Vacuum Cleaner can create a map intelligently and optimize the cleaning path accordingly. It can automatically return to the initial position after completing the cleaning work because it has the memory function of map coordinates. The APPS provide the interactive control, visualize the area, avoid obstacle and automatic recharge and scheduled cleaning.

Thank you for purchasing iBoto inxni Robotic Vacuum Cleaner. We believed that you will enjoy the product.



Please read the manual carefully before using. SAVE THIS MANUAL FOR FUTURE REFERENCE.



Thank you for choosing the inxni robotic vacuum cleaner



Product Safety

Thank you for your choice!



start...

Product Safety
 1.1 User Instructions

1.2 About Safety of the Product 1.3 About Children' Safety

1.4 About Battery 1.5 About where the cleaner

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1. Product Safety

1.1 User Instructions

Read all of the following safety precautions carefully prior to the use of this product:

Operate this product in accordance with the steps indicated in this OWNER'S Manual.

A Keep the OWNER'S Manual properly stored for future reference.

If you need to have any third party use this Cleaner, please hand the OWNER'S Manual over together with quick start.

Serious personal injury or damage to the Cleaner itself may occur if owner does not follow the Cleaner usage guideline mentioned in this Manuel

 About Safety of the Cleaner
 This Cleaner must use with the original adapter, battery and charging stand provided with the Cleaner. If not, the Cleaner may cause damage, Electric shock or Fire hazard as a result.

If you find the main body and parts of this Cleaner damage, please stop using it immediately and contact our customer

△ Only inxni designated or authorized servicemen or service center is allowed to dismantle, repair or replace the Cleaner.

Don't touch the power plug or the Cleaner when hands are wet as this may cause electrical shock.

△ To avoid personal injury due to the accidental drop such as from stair case of the Cleaner, please don't uses the Cleaner in the area close to staircase step, unsecured balcony, etc ensure that fence out the area if needed.

 \triangle Don't pull or move this Cleaner with the power cable and don't bend or place heavy object on top of the power cable. \triangle Keep the Cleaner away from fire, inflammable matter, explosive and corrosive chemical.

Don't place your clothes, any parts of your body such as hair, finger, nail, etc close to the rotating brushes or wheel when
 the Cleaner is in operation as it may cause personal injury.

⚠ Cleaner should only use indoor.
 ⚠ Keep the Cleaner away from water, oil or other liquid as it may cause damage to the electronic inside the Cleaner.

 \triangle No loose wires should scattered on the floor as it may cause damage to the Cleaner when the Cleaner rolls over those wire.

Please remove fragile items such as glass cup, bottle, etc from table top.

The charging stand should set up against the wall so that the Cleaner can be properly docked upon initial and final cycle.

Turn off the ON/OFF power switch in Cleaner to avoid battery damage if the Cleaner is not use for a long period of time. If the Cleaner is not used for a longer period of time, fully charge the battery and store the Cleaner in the cool and dry place at the same time keep the bottom of the Cleaner dry and clean.

If the Cleaner is used for the first time or use after idle for a long period of time, charge the Cleaner for about 6 hours.

before starting the cleaning cycling.

After the Cleaner is fully charged for the first 3 to 4 times, the Cleaner can be charged properly at the base should the

Cleaner ran out of power.
Unplug the power adaptor from the wall electrical outlet should the Cleaner stay idle for a long period of time.

Do not move or relocate the charging stand or cleaner when the cleaner is in operation as the cleaner may not be able to dock automatically.

Cleaner consists of Laser Emission and don't look into the front part of the Cleaner directly as looking into it may case eye injury.

- 1.3 About Children 's Safety

 Do not allow children to operate the cleaner nor stay close to the cleaner when it is in operation.

 Under all circumstances, children should not play with the package plastic bags or any packing related material as it may cause suffocation.
- Screw driver or related tools shipped is not a toy and should not be used by children.

- 1.4 About Battery

 ... The cleaner can only work with the battery provided by original manufacturer and only genuine inxni battery should be used at all the time

- △ Turn the power switch to OFF before removing the battery from the cleaner. In some case, only designated person authorized by inxni can remove the battery from the cleaner.
- A Remove the battery when the cleaner is disposed at the end of it Cleaner life cycle.
- Battery can only dispose into area under the local municipality recommendation and guidance.
- A Should battery require replacement, contact inxni customer service hotline for further advice and support.
- △ Use of the incorrect or non-inxni genuine battery is prohibited and may cause accidents.
- △ In case of battery leakage, don't touch the battery with bare head as the chemical leaked my cause damage to skin or clothes. When such incident occurs, send the battery to the local municipality designated recycling area or send it to the inxni designated repair center.
- A Properly handle the used battery of the cleaner (including the remote control) because it may contain environmentally hazardous substances.
- A Please follow the local environment rules and dispose the battery into the local municipality designated recycle bin or area.

Product Safety

Product Safety

6

Product Safety

$\underline{\wedge}\hspace{-0.05cm} \begin{tabular}{ll} 1.5 & About where the cleaner should NOT be used \end{tabular}$

The cleaner Not Applicable 🛦







- *Cleaner should not be used in extremely hot or cold environment.
- * Cleaner can only be used indoor.
- *To avoid personal injury due to the accidental drop such as from stair case of the Cleaner, please don't uses the Cleaner in the area close to staircase step, unsecured balcony, etc ensure that fence out those areas if needed.
- *Don't use the cleaner in the places which is wet, consists of flammable, explosive or corrosive chemical.
- *Don't allow the cleaner to collect or pick up burning cigarette butt or matches or any matter that is in flame. *Don't direct the cleaner to collect or pick up toner used inside the laser printer or photo copier as toner consists of substances that may cause fire hazard.
- *Don't direct the cleaner to collect sharp matter such as broken glass, iron nail, screws as such matter may cause damage to the cleaner.

⚠ 1.6 Violation of Warranty (1 year Limited)

The cleaner can't be repaired or warranted when the owner conducted or encountered the following:

- A. When owner fail to store cleaner in places not according to the OWNER'S Manual;
- The cleaner and components warranty period expired;
 Damage occurred when owner disassemble the cleaner without sending it out to an authorized service center for
- D. Not able to provide a valid proof of purchase at the time when service or repairing is required.
- E. When the model number in the warranty card does not match with the Cleaner number shown in the cleaner.

 F. When damage occur due to force majeure including natural disaster;
- G. When the Cleaner fail or damage due to unexpected factors or man-made reasons (including mis-operate, fluid found in the inlet, improper insertion or pulling, hauling, bump, improper voltage input and others).



Important: Do not disassemble the Cleaner. Disassembling the Cleaner will void the warranty. Only inxni or a party expressly authorized by inxni should perform service on this Cleaner.

Product Anatomy

2. Product Anatomy 2.1 Part Name and Package Contents

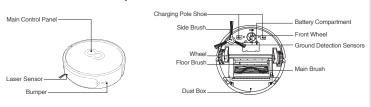


 ${\triangle}\;\;$ Screw driver shipped is not a toy and should NOT be used by children.

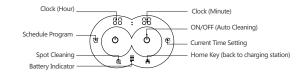
△ Cautious:

*The battery, side brush and filter were preinstalled to the cleaner prior to shipment.

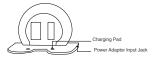
2.2 Main Control Panel Description



Main Control Panel Detail



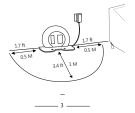
Charging Base



Setting up the Charging Base







- 1. Insert the upper half of the part vertically into the base as shown.
 2. Connect the base with the DC power cord from the adaptor as shown.
 3. Place the charging base against the wall and connect the power adapter to a wall outlet in which a 3.4 feet (1 meter) long in front by 1.7 feet (0.5 meter) to the left and 1.7 feet (0.5 meter) to the right obstacle free area as shown is required.

⚠ To further enhance the life span of the battery.

⚠ Cautious :

⚠ Don't place the charging base on carpet.

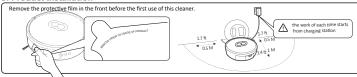
⚠ Don't move or relocate the charging base while the cleaner is in the cleaning process, else the cleaner will not be able to find the charging base automatically for charging.

- 1. Turn off the Power Switch when the vacuum cleaner should the cleaner is not used for extended period of time to prevent the

- Turn off the Power Switch when the vacuum cleaner should the cleaner is not used for extended period of time to prevent the
 battery from any unexpected damage.
 Should the vacuum cleaner is not used for a long period of time, fully charge the battery, then take out the battery and store it
 in a cool and dry place separately. Keep the bottom of the cleaner dry and clean as well while the battery is in storage.
 When the cleaner is used again after being put in storage for a long period of time, charge the battery for about 6 hours. Try to
 fully use up the battery power and continue this cycle for about 3 to 4 time to enable the battery operates at its opmal point.
 Use only the inxni genuine battery for the cleaner. If not, the non inxni battery may cause damage to the cleaner or unwanted
- accidents.

 5. When connecting the inxni genuine power adapter to the charging base, ensure that the wire between the adapter and the charging base is properly stow to prevent the wire end up winding into moving part of the cleaner. Thus, damage to the cleaner is anticipated
- anticipated
 6. Don't move or relocate the charging base while the cleaner is in the cleaning process, else the cleaner will not be able to find the charging base automatically for charging.
 7. High Voltage at the wall plug! Please operate the cleaner and plug in the power adaptor with dry hands.

3. Product Installation



Product Operating Mode

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4.1 Product Cleaning Mode

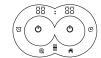
4.1.1 Description:



1. Ensure that the cleaner battery is charged fully. Turn on the power switch ϕ on and wait for about 20 seconds. The battery indicator should light up while charging. At this time the cleaner is in the standby mode and ready to use.



3. When the cleaner is on standby mode, touch the " @ SPOT button and the spot cleaning will start for cleaning within 3.4 feet (1 meter) in diameter area. Touch the OFF button to stop the cleaning cycle.



2. When the cleaner is in standby mode, touch the " $\mathbf{\Theta}$ " ON button to start the auto cleaning cycle. Touch the OFF button to stop the cleaning cycle.



4. When the cleaner is on standby mode, touch the " " "HOME button and the cleaner will return to the charging base and recharge. Should the cleaner need to resume to the cleaning cycle again, touch the OFF " " " " " button again to stop the cleaner from go back to the base and resume to cleaning mode

Should the cleaner is low on battery, cleaning cycle will be stopped and the cleaner will automatically search for the charging base for charging.

4.1.2 Operational Guideline for Touch button seen on top of the Cleaner

ထ	ON / OFF In the standby mode, touch the " ON button, the cleaner will start to clean. Touch the " ON "OFF button, the cleaning cycle will stop. In the clock setup mode, touch this " ON " button, the setting will be deleted.
@	SPOT Cleaning In the standby mode, touch the * @ * button and the cleaner will start spot cleaning mode. In the clock setup mode, touch * @ *button to adjust the hour setting.
A	HOME In standby mode, touch the * * HOME button as return button In Operation mode, upon touching the * * HOME button, the deaner will search the charging base, thus, return to the base for charging. Touch the * * "HOME button immediately after, the cleaner will stop searching the base. In Scheduling mode, touch the * * "HOME button to adjust the minute setting"
Ö	SCHEDULE Setup Touch the * O * button the cleaner will enter the Scheduling mode; Touch the * O * button to adjust the hour setting. Each touches count as one hour and will increase to 24 hours and will loop back to 00 hours as the hour continue to increase. Touch the * O * button to adjust the minute setting. Each touches count as one minute and will increase to 60 minute and will loop back to 00 minutes as the minute continue to increase. Touch the * O * button to save the Schedule setting. Touch the * O * button to exit or complete the time current setting.

CLOCK Setup

Touch the * C: * button, the cleaner will enter into current time setting mode.

Touch the * (a) * button to adjust the hour setting. Each touches count as one hour and will increase to

Touch the " * button to adjust the minute setting. Each touches count as one minute and will increase

to 60 minute and will loop back to 00 minutes as the minute continue to increase.

Touch the * * * button to save the time setting.

Touch the * * * button to exit or complete the time current setting.

4.2 Charging Mode

4.2.1 Normal Charging

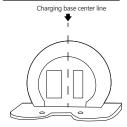
- Connect the power adapter provided and plug into the power jack in the charging base of cleaner first.

 2. Plug the power adaptor provided into the wall electrical outlet.

 3. Switch on the cleaner and wait for 20 seconds until it

- 3. Switch of the cleaner and wait for 20 seconds until the enters the standby mode.
 4. Place the cleaner in front of the charging stand and aim it at the central position of the charging stand.
 5. Manually push the cleaner to the charging stand slowly until the charging pole shoe is well connected with the terminal of charging stand.
 6. Charging will start after the cleaner clicks.

Cautious! High Voltage at the wall power outlet! Hand must be dry when plugging into the wall outlet.



4.2.2 Automatic Charging:

1. APPS charging:
Connect the cleaner with the Apple iPhone / iPad or and then touch the "HOME" button (Icon) as seen in the APPS.
The cleaner will automatically search the location of charging base and return back to the base for charging once located.

Auto Charging:
 The cleaner will stop cleaning when the battery power is low and it will search the location of charging base and return back to the base for charging once located.

5. Product Maintenance

5.1 Storage





1. Shut off the power when cleaner is not used for a long period of time.



2. Should the vacuum cleaner is not used for a long period of time, fully charge the battery, then take out the battery and store it in a cool and dry place separately. Keep the bottom of the cleaner dry and clean as well while the battery is in storage

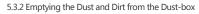
5.2 Cleaner General Maintenance

- 1. Shut off the power or unplug the wall power plug with dry hand before cleaning the main body and charging base
- 2. Gently clean the surface of the main body with damped cloth along with non aggressive cleaning agent
- 3. Don't rinse the cleaner with running water or submerge the cleaner into water
- 4. Don't clean the cleaner surface with oil or any oil base cleaning agent.

Product Maintenance

5.3.1 Removing the Dust Box

As shown in the above picture, press the button on the dust box and slowly draw out the dust box from the cleaner as the first step.











1. Follow and complete step listed in 5.3.2



2. Remove the electric motor as shown by pressing down the button as indicated. (Warning: The electric motor assembly can't be washed directly or submerge in water.)

3. You may wipe the inside of the dust box with the brush provided or a dry cloth.



3. Take out the filter as indicated and gently bush off the dust seen on the filter into the garbage using the brush provided in the accessory box.



4. should too much dust seen inside the box and on the filter, gently rinse the filter with clean water (Warning: the dust box and filter can be placed back into the cleaner only when they are fully dry.)







4. After completing the cleaning, install the filter and electric motor assembly into the dust box

5. Then install the dust box back into the cleaner

5.5 Brush Cleaning

5.5.1 Removing and Installing the Center Brush



As shown in the above diagram, push the locking buckle and lift up the side bar as indicated.

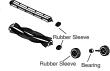


2. Hold and lift up the side bar and gently remove the main brush first. Then, remove the floor brush after.

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3. The main brush and floor brush can be removed Completely as indicated.



4. Remove the rubber sleeves separately from the main brush and the floor brush. (Warning: there is a metal bearing inside the rubber sleeve. Don't let it drop out from the sleeve. If it did, simply insert it back into the rubber sleeve.)

5.5.2 Cleaning of Main Brush and Floor brush



 As shown in the figure on the right clean the main brush and floor brush with the brush provided frequently.



2. Hair and other entanglements may be found on the main brush or floor blush, remove those hair or entanglements before reinstall the bushes back into the cleaner.

5.6 Cleaning the Side-brush



1. First, remove the screw from the side brush with the screw driver provided



2. Secondly, take out the side brush out and remove the hair or entanglements if any is observed.



3. Lastly, install the side brush back onto the cleaner tightened the screw with the screw driver provided.

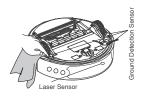
5.7 Cleaning the Wheel



Clean the front wheel and left & right wheels with the dust brush frequently.

(Note: The wheel spindle may be entangled by hair and cloth strips. If it does happen, remove them immediately.)

5.8 Cleaning the Sensor



There are a total of 3 infra-red sensors installed in the bottom of the cleaner and a laser emitter in front of the cleaner. These sensors are used to prevent the clean from fall off from the staircase or used to navigate. However, dust may build up in those areas. Use a piece of clean cleaning cloth and wipe off the dust in the area as indicated in the diagram.

6. Product Trouble Shooting

6.1 Error Message

Marning: 1. Error code will appear on the display seen on top of the cleaner should the cleaning cycling is interrupted unexpected.

	Error Code	Related Error Message	Possible Causes	Remedies	Note
	E001	Ground detection failure.	The sensor is blocked. The cleaner is stuck.	Clean the ground detection sensor with a clean cloth. Relocate the cleaner from area stuck manually.	Clean the sensor frequently.
	E002	Main or Floor brush failure.	Either one of the brush is jammed. The brush may be tangled up with hair or fabric from carpet.	Remove the brush according to the steps as seen in section 5 and remove the unwanted matters.	Clean and maintain the brushes frequently.
	E003	Battery low warning.	The cleaner can't work normally. It can't charge automatically.	Conduct the manual charging by placing the cleaner on charging base	The cleaner can't automatically return to the case because the battery power reserve is too low.
	E004	Right wheel failure.	The wheel is jammed. The wheel may be tangled up with hair or fabric from carpet.	Check the right wheel and remove the entanglements on the right wheel.	Clean and maintain the wheels frequently.
	E005	Dust box faults: Motor faults due to poor contact	The dust box is not mounted properly. The dust box is not contacting with the cleaner well.	Remove the dust box and install it back into the cleaner. Check the installation of the dust box.	Ensure that the dust box is properly installed after emptying the dirt and dust
	E006	The cleaner is off from ground.	The cleaner is lifted up. The front wheel is elevated excessively.	Slow put the cleaner back onto the ground.	Clean the dust box first before lifting the cleaner off from the ground.
	E007	Side brush is jammed.	The side brush may be tangled up with hair or fabric from carpet.	Check the side brush and remove foreign matters.	Replace the excessively worn side brush with a new one if needed.

6.2 Common Issue or Problem

Issue	Problem	Solutions
1	The vacuum cleaner always goes backward during operation	Prevent the cleaner from working in the glare environment. Prevent the cleaner from being used on the dark-black carpet. S. Check if the ground detection sensor are covered with dirt including dust. If so, please clean it with a piece of dry cloth.
2	The cleaner won't start up.	Check the ON/OFF switch of cleaner and should be ON and the indicator for charging should be lilted up. Check if the cleaner is powered ON and start to charge it first.
3	The cleaner can't charge automatically.	Check if the charging stand is powered up and well connected to the wall outlet. Check if there are obstacles between the cleaner and the charging base. Charge the battery manually if the power is low.
4	The cleaner can't communicate with APPS.	Check if the latest version of the APPS is installed or not. Check the deaner and iPad or mobile it they are connected properly or not wirelessly.
5	The cleaner will stop after working for a short period of time.	Check if the cleaner started up with "SPOT Cleaning" mode. "SPOT Cleaning" mode works 3-5 minutes per cycle.
6	The cleaner can't be charged.	Check if the adapter is an original provided and verify if the cleaner is connected with the power supply or not. If the cleaner is found broken or damaged, stop using the cleaner immediately and contact customer service for follow up.

Troubleshooting

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 $\label{thm:constraints} \mbox{Tips: If the corresponding failure indicated above can'} \ \ t \ \mbox{be solved by the remedies or solution suggested, contact customer service personnel immediately.}$

7. Product Specifications

Functional Paramet	ers of Main Body	Functional Parameters of Parts	
Operating Voltage	14.8 V DC	Power Adapter	
Rated Power	24 W	Output Voltage	18V DC
Battery	Lithium Battery	Output Current	1000 mA
Battery Capacity	2600mAh		
Charging Time	About 3-5 hours	Charging Base	
Operating Time	60 minutes(Area 1290 FT²/120 m²)	Input Voltage	18V DC
Noise	65dB		
N.W.	3.5kg		·
Dimensions	340*340*90mm		

 \triangle Note: inxni Reserve the right to change any wording; update the technology, design of product without advance notice.

8. APPS Installation

8.1 How to download APPS? Scan the two-dimensional code seen on the Sales packaging or locate the APPS from the related APPS store for downloading.

8.2 How to install APPS? Search and download "inxni" . Install APPS and register a new account and connect the machine as prompted.

8.3 How to use APPS? Initiate the APPS icon and turn on the power switch of the cleaner

Initial Step:

Click "START SETUP WIZARD" and enter the screen as show in the following figures. Start the next step by clicking "Refresh" .





APPS Installation

Tips: APPS may lose connection when the device is far from the mobile phone or ipad due to the network WiFi signal quality of home. If the signal is weak, check or improve the WiFi signal before reconnecting it

Next Steps

Click "Refresh" and the Cleaner AP address will appear.
Click "CONNECT" after selecting the Cleaner AP address
first and then enter the password of the Cleaner in the area
shown in figures below (note that each Cleaner has its own
unique label).
Click "NEXT" TO ENTER THE NEXT STEP / PAGE.





Select "OK" as shown in the figure below and start the next step after entering the password for connection.



Click "RETURN" on the mobile phone or pad as shown in the following figures Enter the next APPS operating phase by clicking "OPEN MAP" as shown in the following figures



The operation interface of APPS is shown as the following figures.



APPS Installation