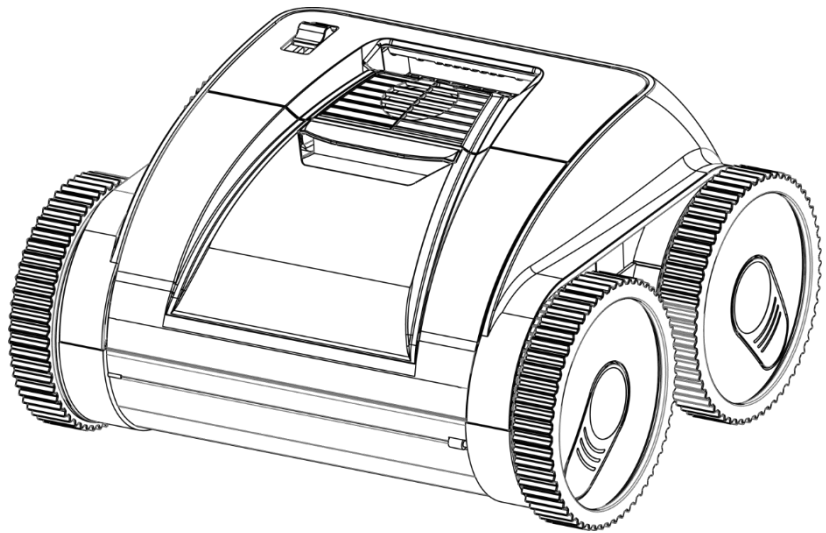




USER MANUAL

ROBOTIC POOL CLEANER

RoadRunner Plus
Model: HJ3172P



READ AND KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

Thank you for purchasing Winnie® Robotic Pool Cleaner. Please read through the entire manual before using your new robotic pool cleaner. We are not held liable for any loss or injury caused by improper use. If you encounter a problem with your Winnie® product, please contact your local dealer for customer services.

MANUFACTURED BY:

TIANJIN WANGYUAN ENVIRONMENTAL PROTECTION AND TECHNOLOGY CO LTD

NO. 30, ZHONGNAN 4TH STREET, WEST ZONE, TEDA, TIANJIN, CHINA



LIMITED WARRANTY

Winny®, owned by TIANJIN WANGYUAN ENVIRONMENTAL PROTECTION AND TECHNOLOGY CO LTD makes products at the best quality we are able to offer. All Winny® products have been inspected against defects in materials and workmanship prior to leaving factory. Winny® is happy to offer warranty for the repair or replacement of pool products for one (1) year only for battery, motor and PCB from the date of purchase. The provisions of this Limited Warranty only apply to the original purchaser. Please keep your original store sales receipt, as this proof of purchase will be required and must accompany warranty claims to Winny® or its designated agents. This Limited Warranty does not apply without proof of purchase; or should the purchaser modify or repair the product themselves or by unauthorized people; use non-Winny® parts or accessories with the product; use the product in contravention of the manufacturer's instructions; use improper voltage; abuse the product in any way; or through accident or negligence. This Limited Warranty will not cover consequential damages, including claims for loss of water, pool chemicals, damage, or labor, normal wear-and-tear; nor acts of God outside the control of Winny®. Non-manufacturing defects, such as grasses that may grow through the ground cloth and/or pool liner are examples of which Winny® cannot be held responsible for.

IN NO EVENT SHALL Winny®, ITS AUTHORIZED AGENTS, RELATED ENTITIES, OR EMPLOYEES BE LIABLE TO THE BUYER OR ANY OTHER PARTY FOR DIRECT OR CONSEQUENTIAL DAMAGES. Some states or countries, or other jurisdictions, do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This Limited Warranty is not extended to close-outs, factory seconds, or resold products (i.e. garage sales, online auctions, or online retailers not purchased directly from Winny®). Any issues with items purchased from these types of vendors/sellers will need to be addressed through these stores. Items purchased from seasonal stores will be treated with an "All Sales Final" Policy instead.

IMPORTANT SAFETY INSTRUCTIONS

READ AND FOLLOW ALL INSTRUCTIONS

Failure to comply with the following cautions could cause damage to pool cleaner or personal loss and injury.

1. The cleaner must be operated as specified.
2. To reduce the risk of injury, do not permit children to operate this cleaner.
3. Do not let anyone, especially small children, ride on the cleaner or paly the cleaner as a toy.
4. Do not use the cleaner in your pool if the water temperature is above 35°C (95°F) or below 10°C (50°F).
5. Do not switch on the cleaner when it is out of water.
6. Do not enter pool while the cleaner is in water.
7. Always clean and wash the filter basket in the cleaner after each use.
8. In order to avoid any accident or damage, it is strongly recommended to remove the cleaner from the pool and to keep the cleaner indoor and at least 3m (appr. 10ft) from the edge of the pool for charging.
9. Do not charge the cleaner if the environment temperature is above 40°C (104°F) or below 10°C (50°F).
10. Connect charger to receptacle protected by a ground fault circuit interrupter (GFCI).
11. Dry the charging port after removing the cleaner out of water and make sure the cleaner is switched off (the indicator is off) if you want to charge the cleaner.
12. Do not over charge the cleaner which will reduce the battery life.
13. To reduce the risk of electrical shock, do not use the charger if the cord is damaged.
14. Never open power kit.
15. Use only identical replacement parts when servicing. Do not attempt repair of the cleaner and charger by yourself. Do not charge any other devices with this charger.
16. The cleaner should be charged if it needs to be stored for a long time (over 6 months) to maintain battery life.
17. The cleaner should be stored in a cool and ventilated place, away from direct sunshine.

SAVE THESE INSTRUCTIONS

Contents

LIMITED WARRANTY	1
IMPORTANT SAFETY INSTRUCTIONS	2
Section 1. Introduction	4
Section 3. Product Diagram	4
Section 2. Packing List	4
Section 4. Specifications	5
Section 5. Operating Instructions	6
5.1 Power button and indicator	6
5.2 Turn on the power	6
5.3 Let it clean	7
5.4 Retrieve the cleaner	7
5.5 Filter cleaning	8
5.6 Charge the battery	8
Section 6. Smartphone Control	10
6.1 Initial operation	10

Section 1. Introduction

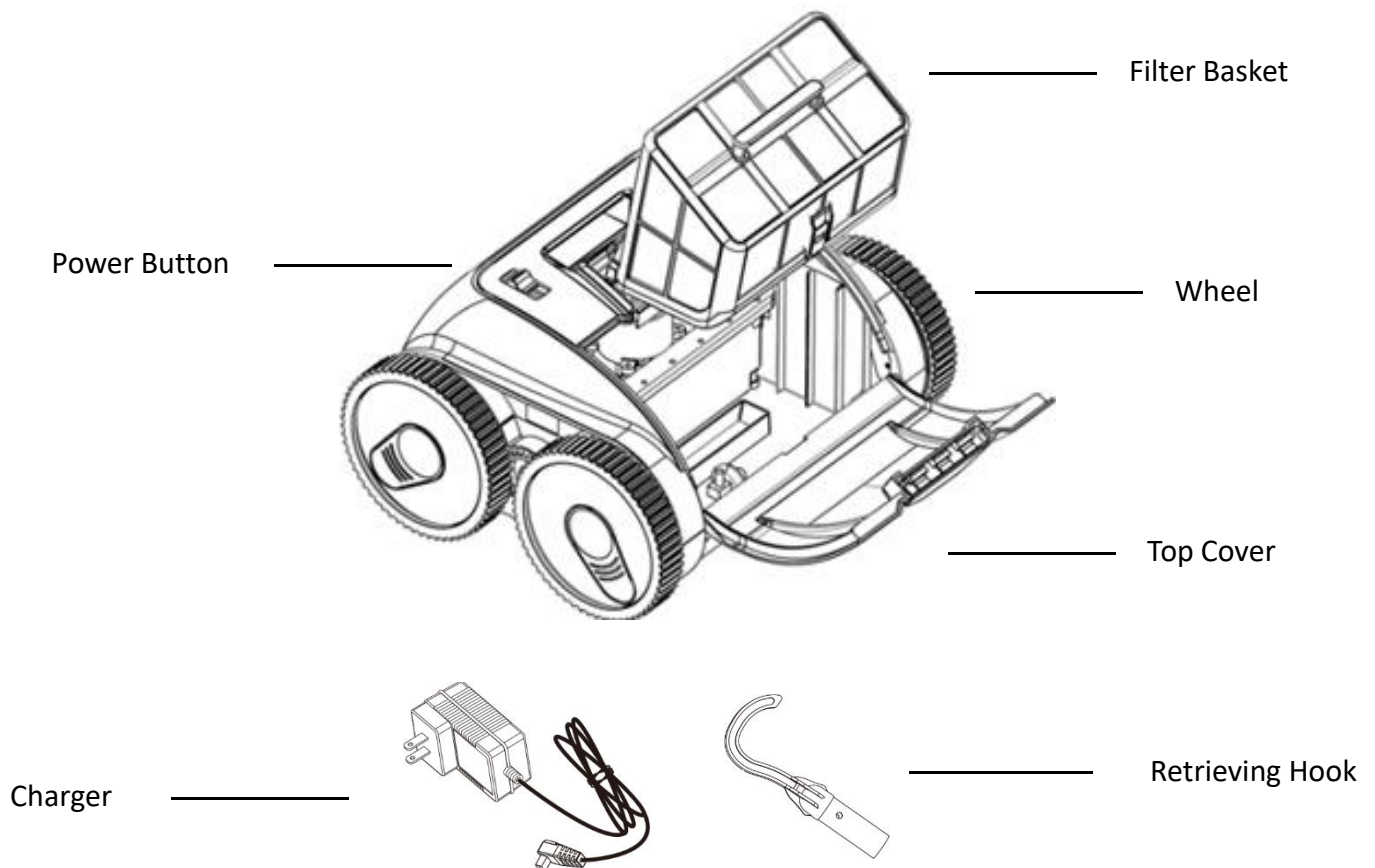
The robotic pool cleaner HJ3172 Plus is a new type of highly efficient and energy-saving swimming pool cleaning robot. It cleans the pool walls and bottom automatically without replacing the pool water. It is totally environmental-friendly.

For safe operation, the cleaner is powered by a rechargeable lithium battery (12.1V, 8.8Ah).

Section 2. Packing List

Item	Name	QTY (pc)	Remark
1	Cleaner	1	In carton
2	Charger	1	In plastic bag
3	Retrieving Hook	1	In plastic bag
4	User manual	1	In plastic bag

Section 3. Product Diagram

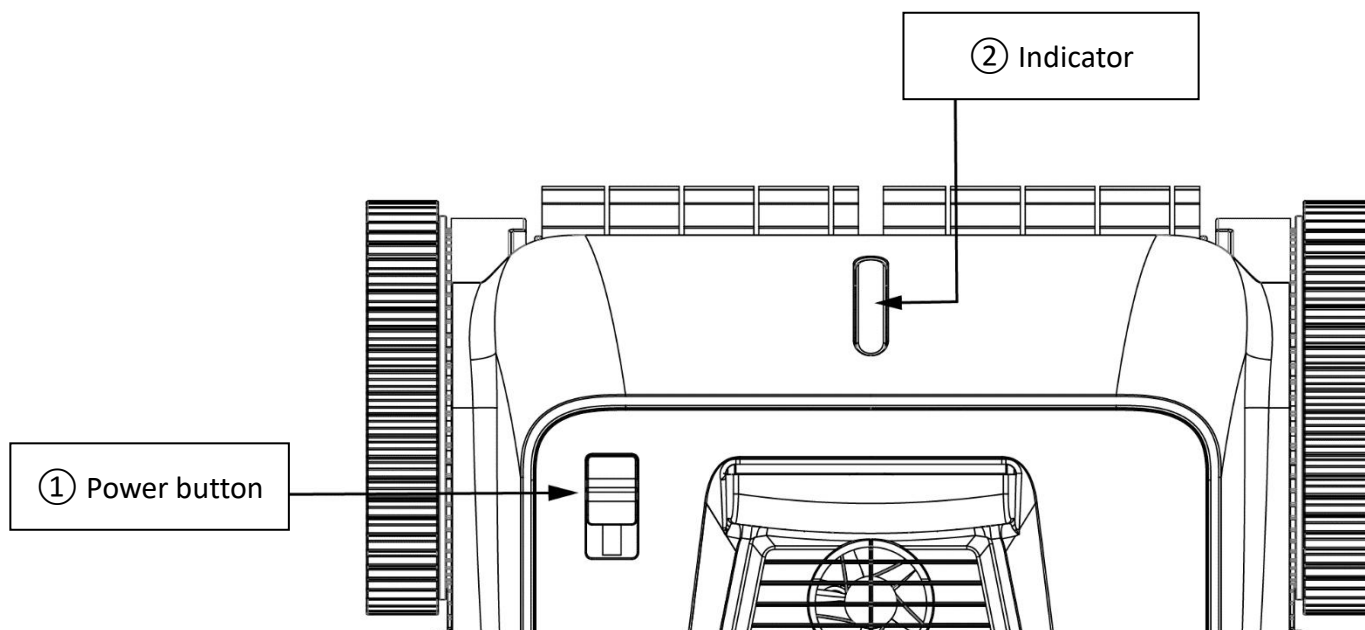


Section 4. Specifications

Model	HJ3172P
Rated input voltage of charger	100VAC-240VAC
Rated input frequency of charger	50Hz/60Hz
Maximum charging voltage	12.6VAC
Charging current	1.8A
Battery runtime	max. 90min
Battery capacity	8800mAh
Maximum cleaning surface	150m ²
Maximum pool depth	180μm
Filter density	180μm
Running speed	max. 11m/min (appr. 36ft/min)
Running speed	max. 11m/min (appr. 36ft/min)
Optimal pool water temperature	10°C (50°F) - 35°C (95°F)
Charging environment temperature	5°C (50°F) -35°C (95°F)
Storage condition	5°C (50°F) -35°C (95°F), RH <75%
Robot size	360mm (L)*408mm (W)*240mm (H)

Section 5. Operating Instructions

5.1 Power button and indicator

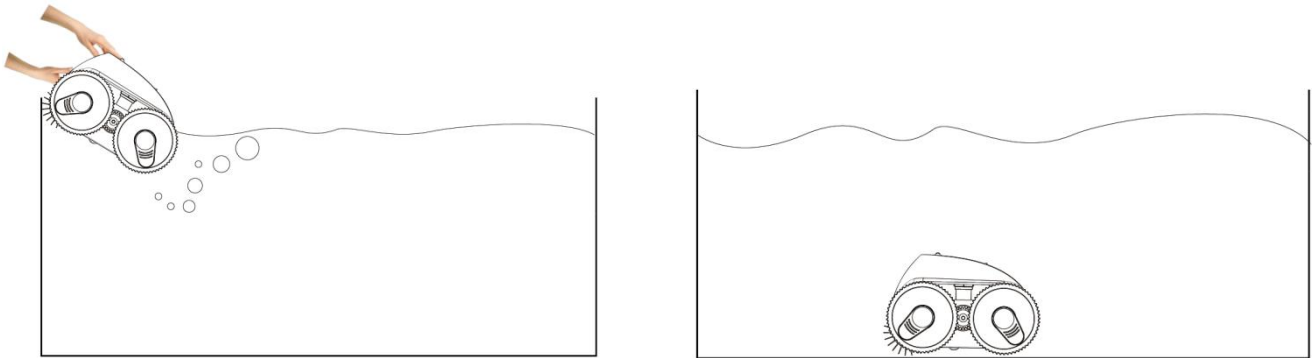


Item	Function	Description
①	Switch to power on/off	Push the button to ON to power on the cleaner; Push the button to OFF to power off the cleaner
②	Indicator	<ol style="list-style-type: none"> 1. Blue light is steady on: power on 2. Blue light flashes: the cleaner is working 3. Purple light flashes: Bluetooth connection 4. Yellow light flashes: low battery and start to self-parking 5. Yellow light is steady on: self-parking finished 6. Red light flashes once: power off

5.2 Turn on the power

Put into the pool with the cleaner bottom towards the wall. Hold on the robot and power on the cleaner. The cleaner will start working after 20 seconds when emptying trapped air inside (make

sure to empty the inside air in order to make the robot work well), then the cleaner can immerse into the pool floor.

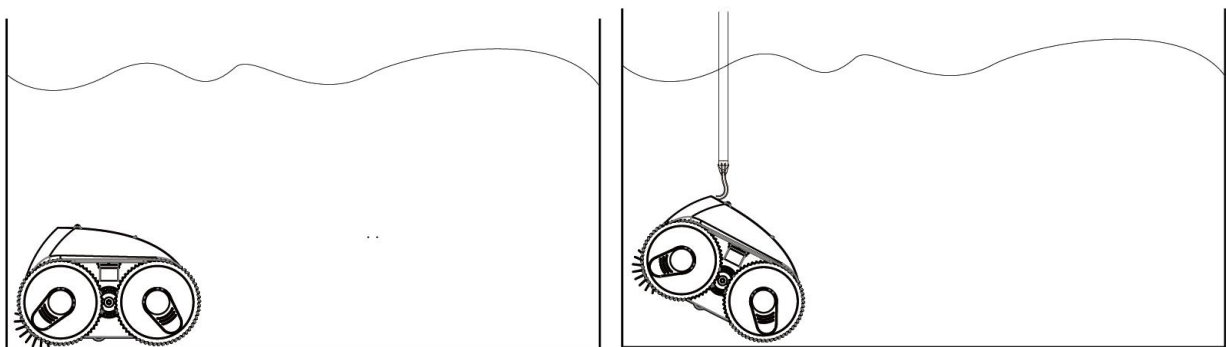


5.3 Let it clean

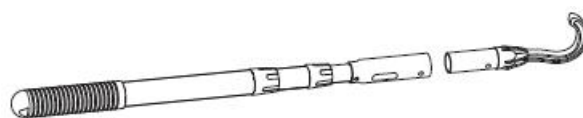
The robotic cleaner shall run around the pool floor and wall and vacuum the debris automatically for about 90 minutes until it runs out of battery and stops.

5.4 Retrieve the cleaner

The cleaner will move to pool edge when finish working, then use the hook to lift it out of the pool.



Note: Attach the retrieving hook to a standard 1¼ inch diameter pool pole (not included).



5.5 Filter cleaning

5.5.1 Open the top cover: Put the robot aside the pool and open the top cover (Figure 4-1), the filter basket is located as show in Figure 4-2.

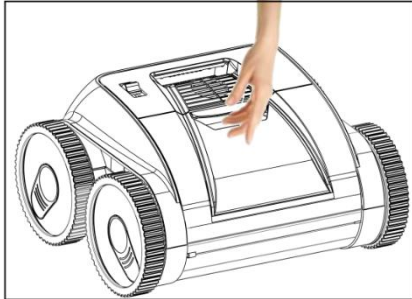


Figure 4-1

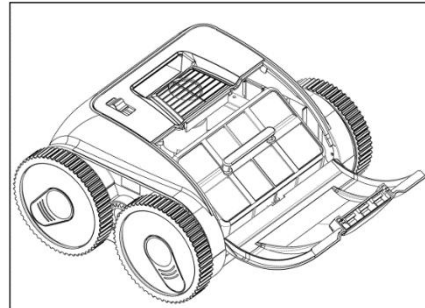


Figure 4-2

5.5.2 Take out the filter basket (Figure 4-3)

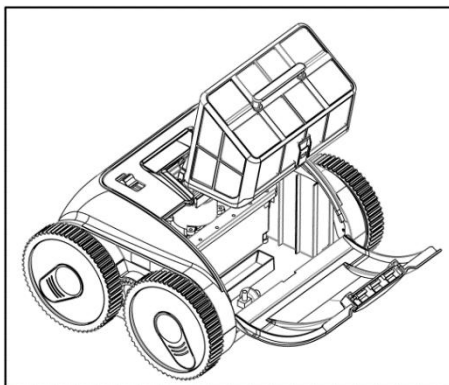


Figure 4-3

5.5.3 Wash filter basket (Figure 4-4)

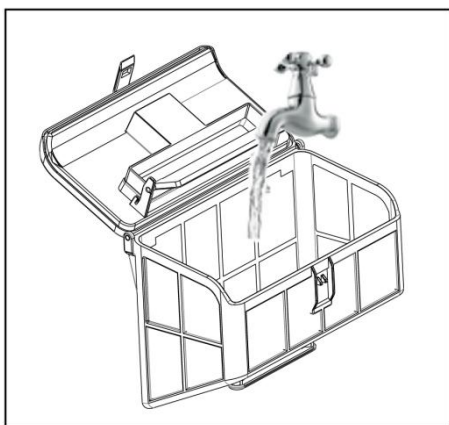


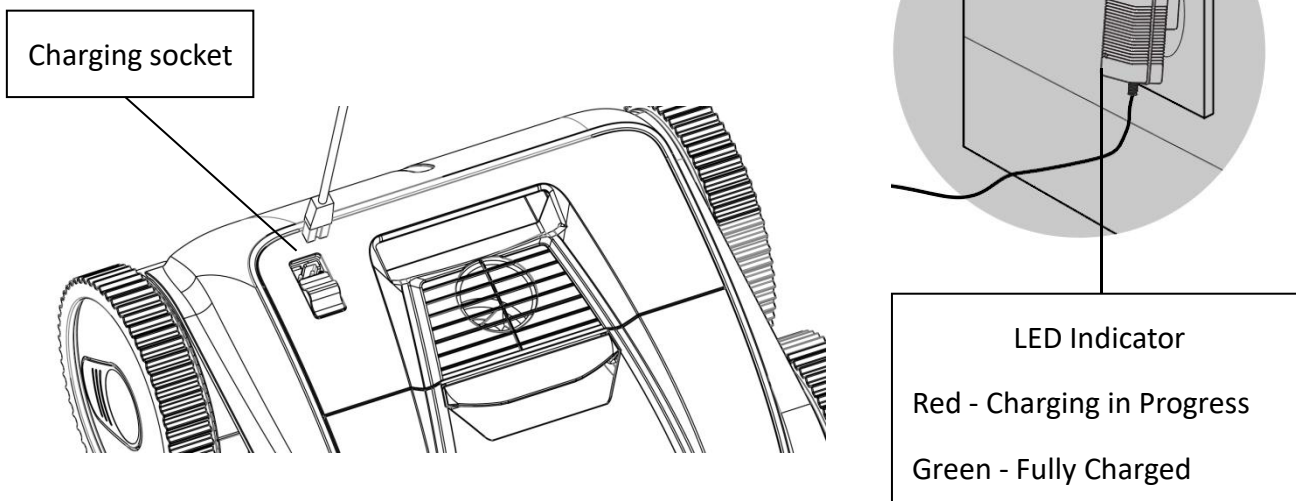
Figure 4-4

5.5.4 Re-install the filter basket in reverse steps

5.6 Charge the battery

5.6.1 Remove the cleaner from the pool

- ① Power off (no indicator flashes) the cleaner
- ② Attach the charging connector to the charging socket. The indicator lamp on the charger shall turn red when charging. It should turn green once fully charged.



Note: Charge the cleaner indoor and at least 3m (appr. 10ft) from the edge of the pool for charging.

5.6.2 Charger indicator

Colour & Status of indicator	Charging status
Green light is steady on	Waiting for a recharge or connector not plugged or charging finished
Red light is steady on	The battery is being charged
Red light flashes	Low battery or battery damaged

Section 6. Smartphone Control

6.1 Initial operation

1. Make sure Bluetooth is active on your smartphone and download and activate the WYRobot app (Get access to Bluetooth and location).
2. Push the power button forward, then blue light is on.
3. Push the power button backward and forward in 5 seconds, then purple light flashes.
4. Click on the search button. The app searches for and displays the serial number of the nearest Winny robot.



Figure 6-1

5. Click on the Winny serial number displayed on your screen.
6. Set up the pool information and cleaning mode.

	Shape	Size	Bottom	Cleaning Mode
Settings	Rectangle	Length	Flat	Pool floor only
	Round	Width	Slope	Pool wall only
	Oval	Diameter	Diamond	Once floor, once wall
	Others	Depth		3 times floor, once wall



Figure 6-2

7. Push the power button backward to finish the set-up.
8. Power on the cleaner.
9. Synchronize the data to Winny robot after set-up and enter the dashboard interface. Hereafter the program runs every time, you will enter the dashboard interface. You can view and modify the settings.



Figure 6-3

10. Reset data as below



Figure 6-4



FCC Statement

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.

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

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

To comply with FCC RF exposure compliance requirements, this grant is applicable to only mobile configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.