



**WORX**  
it's your nature

Owner's manual



|                         |           |
|-------------------------|-----------|
| <b>Vision Cloud 4WD</b> | <b>EN</b> |
| <b>Vision Cloud 4WD</b> | <b>F</b>  |
| <b>Vision Cloud 4WD</b> | <b>ES</b> |

|                                 |           |            |
|---------------------------------|-----------|------------|
| <b>Owner's manual</b>           | <b>EN</b> | <b>P04</b> |
| <b>Manuel utilisateur</b>       | <b>F</b>  | <b>P18</b> |
| <b>Instrucciones de usuario</b> | <b>ES</b> | <b>P32</b> |

**⚠ WARNING: Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:**

- Lead from lead-based paints;
- Crystalline silica from bricks and cement and other masonry products;
- Arsenic and chromium from chemically-treated lumber.

**Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.**

**⚠ WARNING: This product can expose you to chemicals including lead and Di(2-ethylhexyl) phthalate (DEHP) which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).**

**⚠ WARNING: Read all safety warnings and all instructions.** *Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.*

**Carefully read the instructions for the safe operation of the machine.**

**Save all warnings and instructions for future reference.**

-This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

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

**WARNING:** For the purposes of recharging the battery, only use the detachable supply unit provided with this appliance.

**WARNING:** To reduce the risk of injury to persons and damage to the machine, do not remove battery pack before switching off the machine.

## **IMPORTANT READ CAREFULLY BEFORE USE KEEP FOR FUTURE REFERENCE Safe operation practices**

### **Training**

- a) Read the instructions carefully. Make sure you understand the instructions and be familiar with the controls and the proper use of the appliance.
- b) Never allow people unfamiliar with these instructions or children to use the appliance. Local regulations can restrict the age of the operator.
- c) The operator or user is responsible for accidents or hazards occurring to other people or their property.

### **Preparation**

- a) Ensure the correct installation of the automatic perimeter delineation system as instructed. This machine works without boundary wire or virtual boundary. It can automatically identify the working area and non-working area through the camera. Once the machine is turned on, the camera will automatically turn on and work at the same time. The machine recognizes that the lawn is the working area through the camera, and the non-working area that is not the lawn. When the machine walks to the boundary between lawn and non-lawn, it will automatically turn to return to the working area.  
Add the Worx mapping accessory strip, or using water tubes to separate it from the neighbor's lawn.

- b) Periodically inspect the area where the appliance is to be used and remove all stones, sticks, wires, bones, and other foreign objects. Periodically inspect and clean the boundaries between grass and non-grass. Clearing boundaries helps the lawnmower to identify the working area.
- c) Periodically visually inspect to see that the blades, blade bolts and cutter assembly are not worn or damaged. Replace worn or damaged blades and bolts in sets to preserve balance.
- d) On multi-spindle appliances, take care as rotating one blade can cause other blades to rotate.
- e) **WARNING!** The lawnmower shall not be operated without the guard in place.

## Operation

### 1. General

- a) Never operate the appliance with defective guards, or without safety devices, for example deflectors, in place.
- b) Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
- c) Never pick up or carry an appliance while the motor is running.
- d) Operate the disabling device from the appliance.
  - Before clearing a blockage;
  - Before checking, cleaning or working on the appliance.
- e) It is not permitted to modify the original design of robotic lawnmower. All modifications are made at your own risk.
- f) Start robotic lawnmower according to the instructions. When the power key is switched on, make sure you keep your hands and feet away from the rotating blades. Never put your hands and feet under the mower.
- g) Never lift up robotic lawnmower or carry it when the power key is switched on.
- h) Do not let persons who do not know how robotic lawnmower works and behaves use the mower.
- i) Do not put anything on top of robotic lawnmower or its charging station.
- j) Do not allow robotic lawnmower to be used with a defective blade disc or body. Neither should it be used with defective blades, screws, nuts or cables.
- k) Always switch off robotic lawnmower when you do not intend to use the mower. Robotic lawnmower can only start when the power key is switched on and the correct PIN code has been entered.
- l) Keep your hands and feet away from the rotating blades. Never place your hands or feet close to or under the body when robotic lawnmower is in operation.
- m) To avoid using the machine and its peripherals in bad weather conditions especially when there is a risk of lightning.
- n) Do not touch moving hazardous parts before these have come to a complete stop.
- o) For machines used in public areas, that warning signs shall be placed around the working area of the machine. They shall show the substance of the following text:  
Warning! Automatic lawnmower! Keep away from the machine! Supervise children!

### 2. Additionally when the appliance is operating automatically

- a) Do not leave the machine to operate unattended if you know that there are pets, children or people in the vicinity.
- b) Please set the smart phone to automatically lock the screen after 30 s to prevent the app from being misused by others.

## Maintenance and storage

**⚠ WARNING! When the mower is turned upside down the power key must always be switched**

off.

**The power key should be switched off during all work on the mower's underframe, such as cleaning or replacing the blades.**

- a) Keep all nuts, bolts and screws tight to be sure the appliance is in safe working condition.
- b) Inspect the robotic lawnmower each week and replace worn or damaged parts for safety.
- c) Check especially that the blades and blade disc are not damaged. Replace all blades and screws at the same time if necessary so that the rotating parts are balanced.
- d) Ensure that only replacement cutting means of the right type are used.
- e) Ensure that batteries are charged using the correct charger recommended by the manufacturer. Incorrect use may result in electric shock, overheating or leakage of corrosive liquid from the battery.
- f) In the event of leakage of electrolyte flush with water/neutralizing agent, seek medical help if it comes into contact with the eyes etc.
- g) Servicing of the appliance should be according to manufacturers' instructions.
- h) In order to obtain the best performance, please pay attention to the following ambient temperature range, do not charge, use, or store in the case of exceeding the following temperature range:
  - a) Charging temperature range: 0°C~40°C
  - b) Discharge temperature range: -20°C~55°C
  - c) Storage temperature range: -20°C~75°C
- i) Leaking battery fluid can cause skin and eye irritation or chemical burns.
  - a) Avoid contact with skin and eyes.
  - b) If liquid gets in eyes: Do not rub. Flush open eyes with water for at least 15 minutes, and seek medical advice.
  - c) In case of accidental contact, wash the contact area immediately and thoroughly with mild soap and water.
  - d) Use an inert absorbent such as sand on spilled liquid.

### Recommendation

To connect the machine and/or its peripherals only to a supply circuit protected by a residual current device (RCD) with a tripping current of not more than 30 mA.

### Residual risks

To avoid injuries, wear protective gloves when replacing the blades.

### Transport

The original packaging should be used when transporting robotic lawnmower over long distances.

To safely move form or within the working area:

- a) Press the STOP button to stop the mower.  
You select the four-digit PIN code when you start the mower for the first time.
- b) Always switch off robotic lawnmower if you intend to carry the mower.
- c) Carry the mower by the handle at the front under the mower. Carry the mower with the blade disc away from the body.

### Safety Warnings for battery pack

- a) Do not dismantle, open or shred cells or battery pack.**
- b) Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.**
- c) Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by other metal objects.** When battery pack is not in use, keep it away from other metal objects, like paper

clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or fire.

- d) Do not subject battery pack to mechanical shock.**
- e) In the event of battery leaking, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.**
- f) Do not use any battery pack which is not designed for use with the equipment.**
- g) Keep battery pack out of the reach of children.**
- h) Always purchase the battery pack recommended by the device manufacturer for the equipment.**
- i) Keep battery pack clean and dry.**
- j) Wipe the battery pack terminals with a clean dry cloth if they become dirty.**
- k) Battery pack needs to be charged before use. Always use the correct charger and refer to the manufacturer's instructions or equipment manual for proper charging instructions.**
- l) Do not leave battery pack on prolonged charge when not in use.**
- m) After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.**
- n) Recharge only with the charger specified by Worx. Do not use any charger other than that specifically provided for use with the equipment.**
- o) Retain the original product literature for future reference.**
- p) Use only the battery pack in the application for which it was intended.**
- q) Remove the battery pack from the equipment when not in use.**
- r) Dispose of properly.**
- s) Do not mix cells of different manufacture, capacity, size or type within a device.**
- t) Keep the battery away from microwaves and high pressure.**

### **User manual requirements for wireless product**

- a) 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.
- b) Caution: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- c) This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
  - (1) This device may not cause interference.
  - (2) This device must accept any interference, including interference that may cause undesired operation of the device.
- d) 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.

**For mobile device**

- a) To satisfy FCC &ISED RF exposure requirements, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation
- b) To ensure compliance, operations at closer than this distance is not recommended

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

**Region Selection (for Wi-Fi 2.4G device)**

Limited by local law regulations, version for North America does not have region selection option.

**Network Interface Description**

The following network interfaces are enabled by default when the device is powered on:

- Bluetooth

Enables pairing and binding between the device and the mobile app. Supports Wi-Fi configuration via the app. During the mapping process, Bluetooth also allows for device control and management.

- Wi-Fi

Connects the device to the home wireless network for data communication with the cloud server. Supports remote monitoring, control, and parameter configuration via the app. Also enables OTA (Over-The-Air) firmware updates to ensure timely software optimization.

- RadioLink

Connects to the compatible charging station to receive high-precision RTK positioning data. Enables centimeter-level positioning accuracy, enhancing navigation stability and operational precision.

When using the product, users need to install the battery first, so the FCC ID is accessible when using the product.

## INFORMATION ON THE MOWER



**WARNING** – robotic lawnmower can be dangerous if incorrectly used. Read through the Operator's manual carefully and understand the content before using your robotic lawnmower.



**WARNING** - Keep a safe distance from the machine when operating.



**WARNING** – Activate the disabling device before working on or lifting the machine.



**WARNING** - Do not ride on the machine.



Li-Ion battery, battery must be recycled.



Do not burn



Batteries may enter water cycle if disposed improperly, which can be hazardous for ecosystem. Do not dispose of waste batteries as unsorted municipal waste.



Do not disassemble mower. Repairs should be made only by authorized repair personnel.



Class III appliance



Read operator's manual

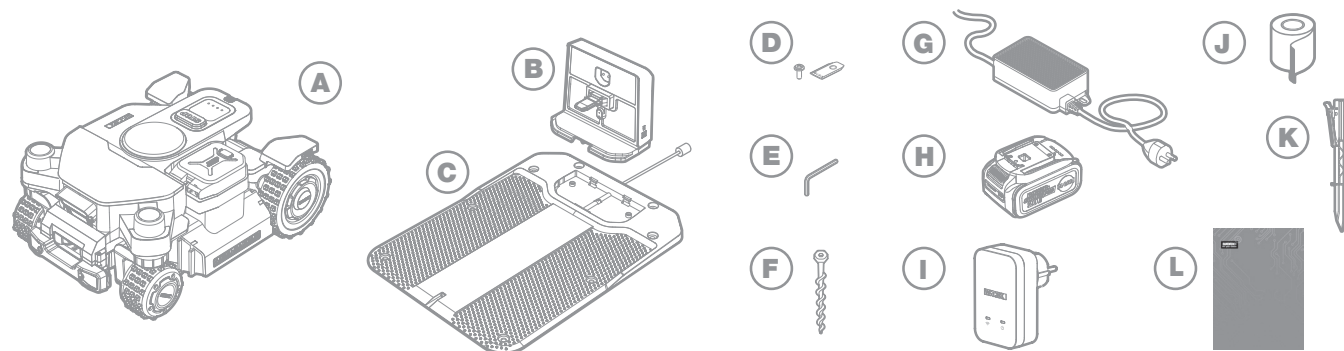


**call2recycle**

POSITEC Inc. has established a partnership with the RBRC Corporation to recycle any Positec batteries with the RBRC-call2recycle seal. For environmental protection, please do not discard batteries in the trash. After the batteries' life cycle is ended, then please call 1-800-822-8837 for a free service that will properly dispose of the battery.

You can customize your mower's performance with accessories. Visit [www.worx.com/lawn-garden/robotic-lawn-mowers.html](http://www.worx.com/lawn-garden/robotic-lawn-mowers.html) to learn more about these available accessory options.

## WHAT'S IN THE BOX

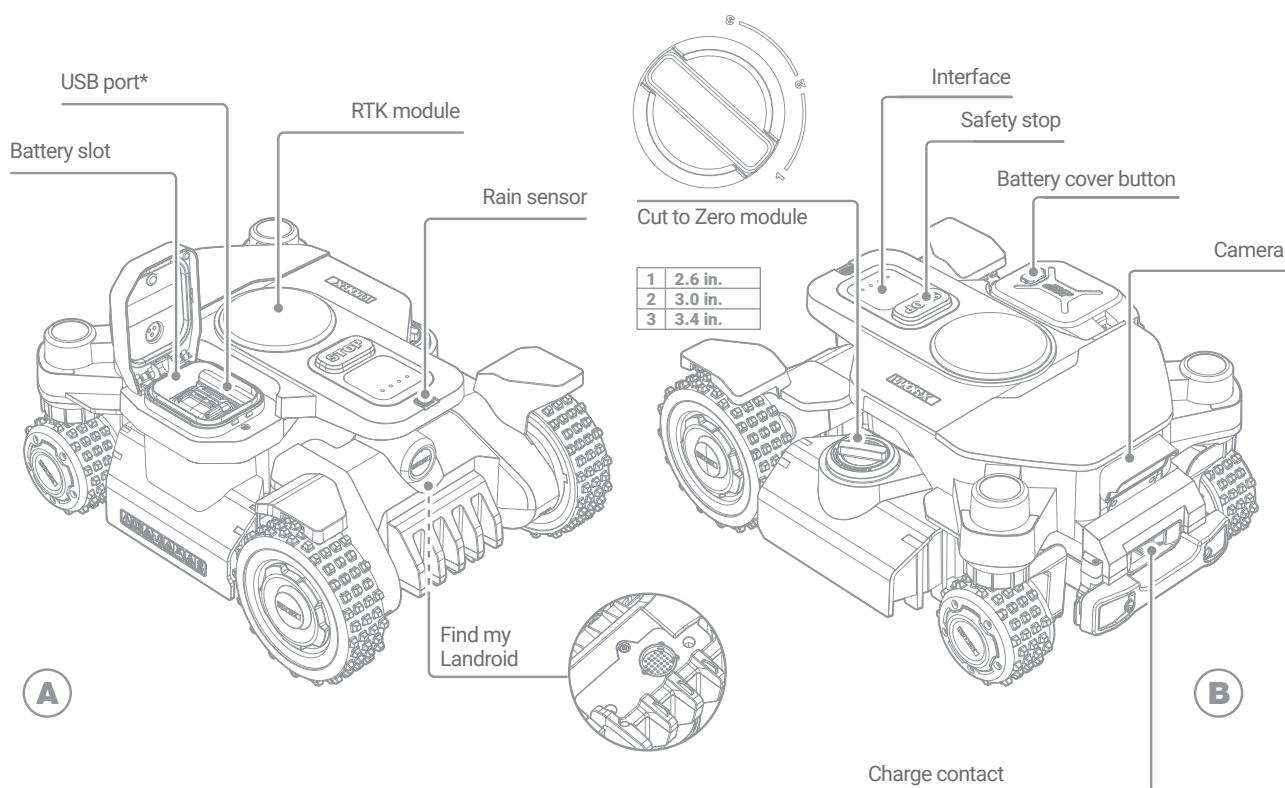


- A Robotic lawnmower
- B Charging tower
- C Charging base plate
- D Spare blades kits
- E Hex key
- F Lawn screws

- G Power supply
- H 20V battery
- I RadioLink (standard only with WR342)
- J No-Go Line
- K Lawn stakes
- L Manuals



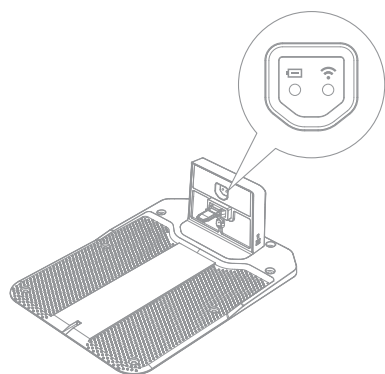
## GETTING TO KNOW THE MOWER



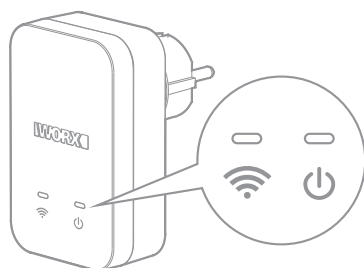
\*USB port: Used for exporting log files and performing manual firmware upgrades.

The picture is only for reference

## GETTING TO KNOW POWER SUPPLY



| Icon                                                                                | Type  | Function Description                           |                        |
|-------------------------------------------------------------------------------------|-------|------------------------------------------------|------------------------|
|                                                                                     |       | Charging Station                               | RadioLink              |
|  | Green | Solid: Charging function normal                | Solid: Function normal |
|                                                                                     |       | Breathing: Charging in progress                | /                      |
|                                                                                     | Red   | Solid: Charging fault                          | /                      |
|                                                                                     |       | Flashing: Battery polarity short-circuit fault | /                      |
|  | Off   | No power supply.                               |                        |



| Icon                                                                                | Indicator Light Combination |           | Function description                                                                                           |
|-------------------------------------------------------------------------------------|-----------------------------|-----------|----------------------------------------------------------------------------------------------------------------|
|                                                                                     | Charging Station            | RadioLink |                                                                                                                |
|  | Green                       | Blue      | It's working normally.                                                                                         |
|                                                                                     | Blue                        | Green     | It's working normally.                                                                                         |
|                                                                                     | Blue                        | Blue      | It's working abnormally. Please check the Wi-Fi signal at the locations of the charging station and Radiolink. |

## TECHNICAL DATA

|                                         | WR342                                                   |
|-----------------------------------------|---------------------------------------------------------|
| Rated voltage                           | 20V  Max.*                                              |
| No load speed                           | 2400 /min                                               |
| Cutting area                            | 1/2 acre (2000 m <sup>2</sup> )                         |
| Cutting diameter                        | 8.7 in (22 cm)                                          |
| Cutting height                          | 1.57-1.97-2.36-2.76-3.15-3.54 in (40-50-60-70-80-90 mm) |
| Cutting system                          | 3 blades                                                |
| Cut to Zero                             | Y                                                       |
| Cutting height of the Cut to Zero       | 1-2-3<br>2.6-3.0-3.4 in (65-75-85 mm)                   |
| Cut to Zero width                       | 110 mm                                                  |
| Camera                                  | Stereo                                                  |
| Slope                                   | 84% (40°)**                                             |
| Battery type                            | Lithium-ion                                             |
| Battery Capacity                        | 5 Ah                                                    |
| Battery model                           | WA3675                                                  |
| Charging time approx.                   | 100 mins.                                               |
| Charger model                           | WA3752                                                  |
| Charger rating                          | Input: 120 V~60 Hz, 90 W,<br>Output: 20 V , 3.0 A       |
| Machinery weight                        | 41.9 lb (19 kg)                                         |
| Protection degree                       | III                                                     |
| App (Wi-Fi/Bluetooth)                   | Y                                                       |
| Frequency bands for Bluetooth           | 2400-2483.5 MHz                                         |
| Maximum Transmitted Power for Bluetooth | 8 dBm                                                   |
| Frequency bands for Wi-Fi               | 2412-2462 MHz                                           |
| Maximum Transmitted Power for Wi-Fi     | 30 dBm                                                  |
| Waterproof level                        | IPX 6                                                   |

\*Voltage is measured under no-load condition. The initial maximum battery voltage can reach 20 volts, while the nominal voltage is 18 volts.

\*\*If the mower is equipped with the Cut to Zero module, it is not recommended to operate the mower on slopes greater than 15°.

## TECHNICAL DATA FOR GNSS

| Global Navigation SatelliteSystem (GNSS) | GPS / GLONASS / BDS / Galileo / SBAS            |
|------------------------------------------|-------------------------------------------------|
| Nominal Frequency                        | 1559-1610 MHz<br>1215-1300 MHz<br>1164-1215 MHz |

## ACCESSORIES

|                       | WR342 |
|-----------------------|-------|
| Lawn screws           | 8     |
| Charging tower        | 1     |
| Charging base plate   | 1     |
| Hex key               | 1     |
| Blade                 | 8     |
| No-Go Line            | 6 m   |
| Lawn stakes           | 10    |
| Cut to Zero module    | 1     |
| RadioLink             | 1     |
| Battery pack (WA3674) | /     |
| Battery pack (WA3675) | 1     |
| Charger (WA3752)      | 1     |

We recommend that you purchase genuine accessories listed in the above list from the same store where you purchased the tool. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.

## INTENDED USE

The garden product is intended for domestic lawn mowing. It is designed to mow often, maintaining a healthier and better looking lawn than ever before. Depending on the size of your lawn, your mower may be programmed to operate at any time or frequency. It is not intended for digging, sweeping or snow clearing.