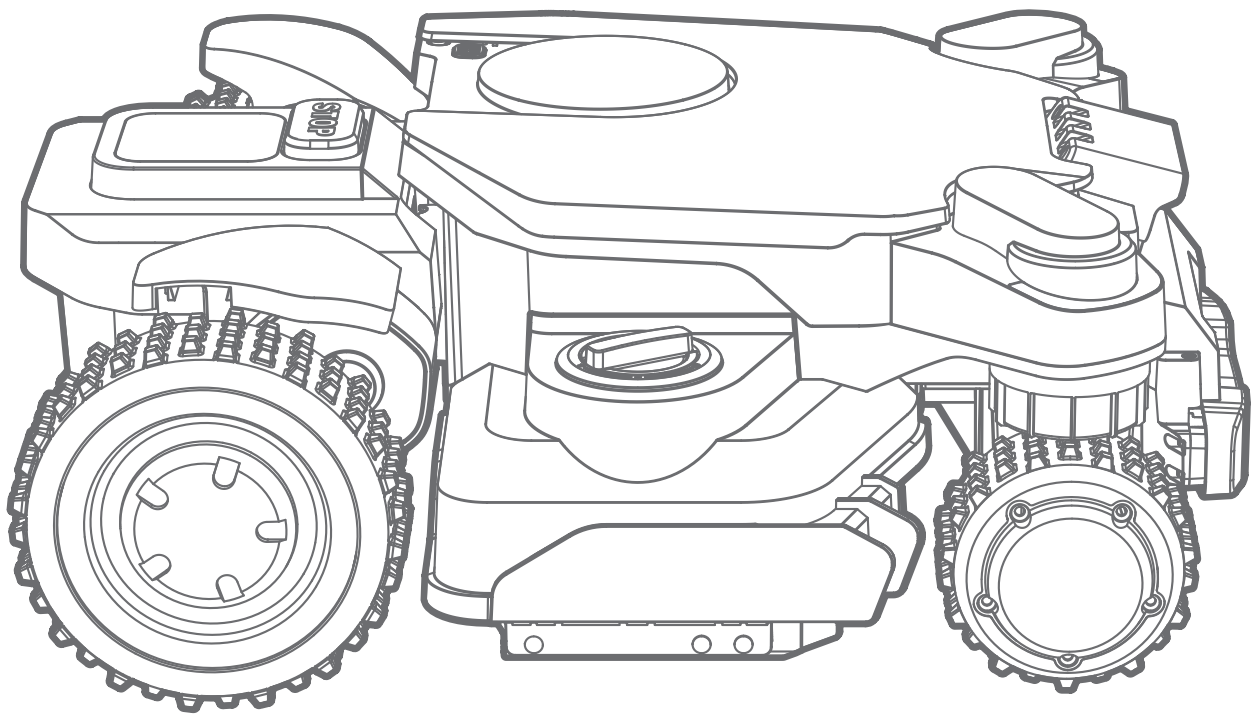


Kress

Owner's Manual



EN Original instructions
FR Instructions originales
ES Instrucciones originales

EN	Owner's Manual	P04
FR	Manuel utilisateur	P23
ES	Instrucciones de usuario	P45
KR282 KR284 KR286		

Mower SN Code



En To match the app account with the mower, please scan the SN code.

FR Pour associer le compte de l'application à la tondeuse, veuillez scanner le code SN.

ES Para vincular la cuenta de la aplicación con la cortadora de césped, escanee el código SN.

 **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.**

 **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.

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) Confirm that the virtual boundary is established as instructed and the virtual boundary is regularly maintained. Before each working cycle, the machine goes around the working area to check whether the virtual boundary exists, if it does not exist, the machine will shut down. The virtual boundary specifies the work area where the machine is allowed to operate. The RTK antenna in the machine senses when it is approaching the virtual boundary. When the machine hits an obstacle or approaches the virtual boundary the product selects a new

direction.

- b) Periodically inspect the area where the appliance is to be used and remove all stones, sticks, wires, bones, and other foreign objects.
- 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 is 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 is 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 is 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) Not to 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 must always be off.

The power should be 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.

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 of the mower. Carry the mower with the blade disc away from the body.

Safety Warnings for battery pack inside the tool

- a) **Do not dismantle, open or shred 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 charging terminals with a clean dry cloth if they become dirty.**
- k) **Battery pack need 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) **Recharge only with the charger specified by Kress. Do not use any charger other than that specifically provided for use with the equipment.**
- n) **Retain the original product literature for future reference.**
- o) **Use only the battery pack in the application for which it was intended.**
- p) **Dispose of properly.**
- q) **Do not mix cells of different manufacture, capacity, size or type within a device.**
- r) **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.

Region Selection (for Wi-Fi 2.4G device)

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

Symbols



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 – Operate the disabling device before working on or lifting the machine.



WARNING – Do not ride on the machine.



Class III appliance



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 wash the machine with a high pressure washer



Prohibit disassembling the machine without authorization.



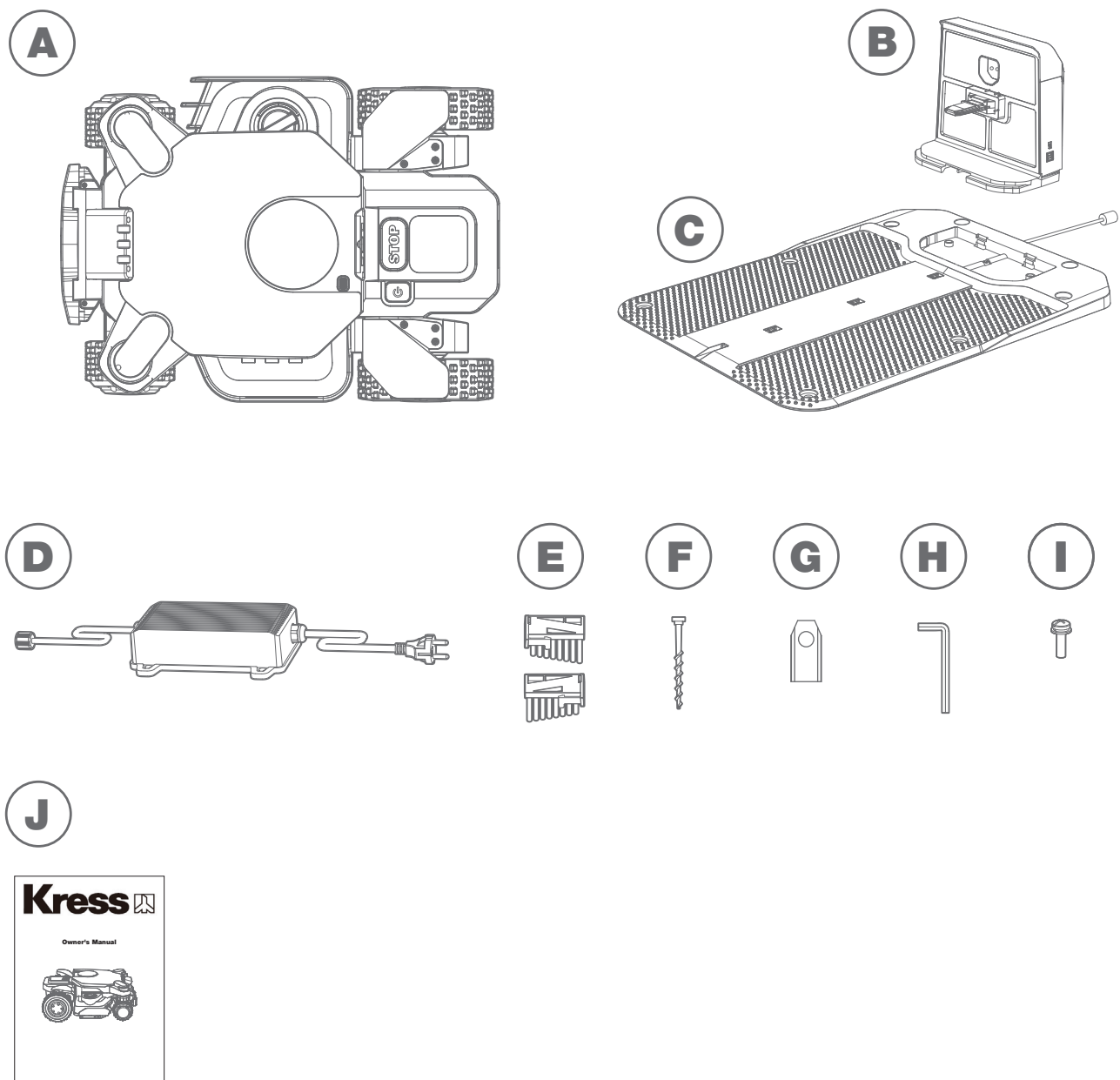
To reduce the risk of injury, user must read instruction manual



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.

Component list

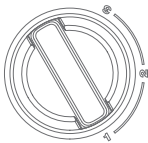
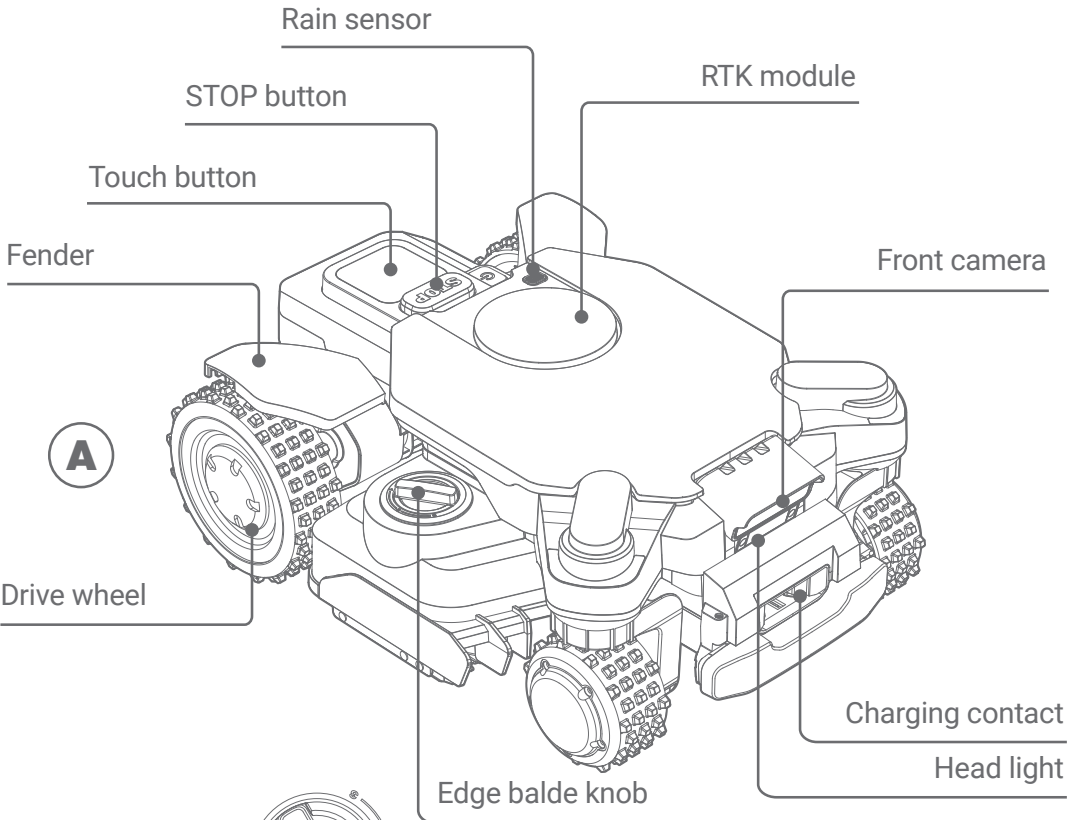


This picture is only for reference

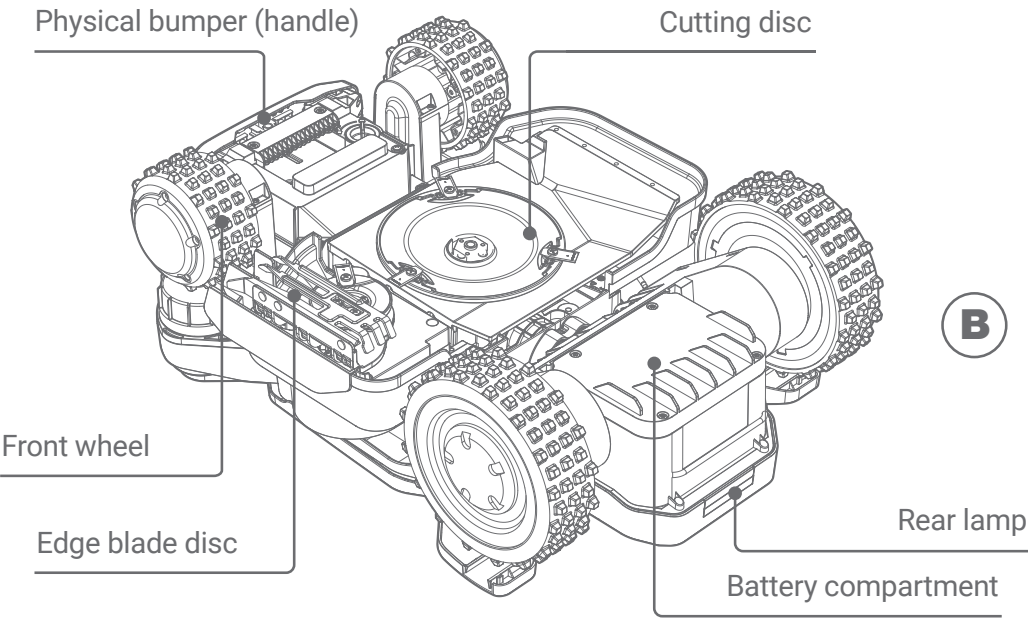
- | | | | |
|---|----------------------------------|---|----------------------------|
| A | EyePilot® 4x4 robotic lawn mower | F | Charging base fixing nails |
| B | Charging pile | G | Spare blades |
| C | Charging base | H | Hex key |
| D | Power adapter | I | Screws for fixing blades |
| E | Wheel brushes | J | Manuals |

Not all the accessories illustrated or described are included in standard delivery.

Getting to know EyePilot® 4x4

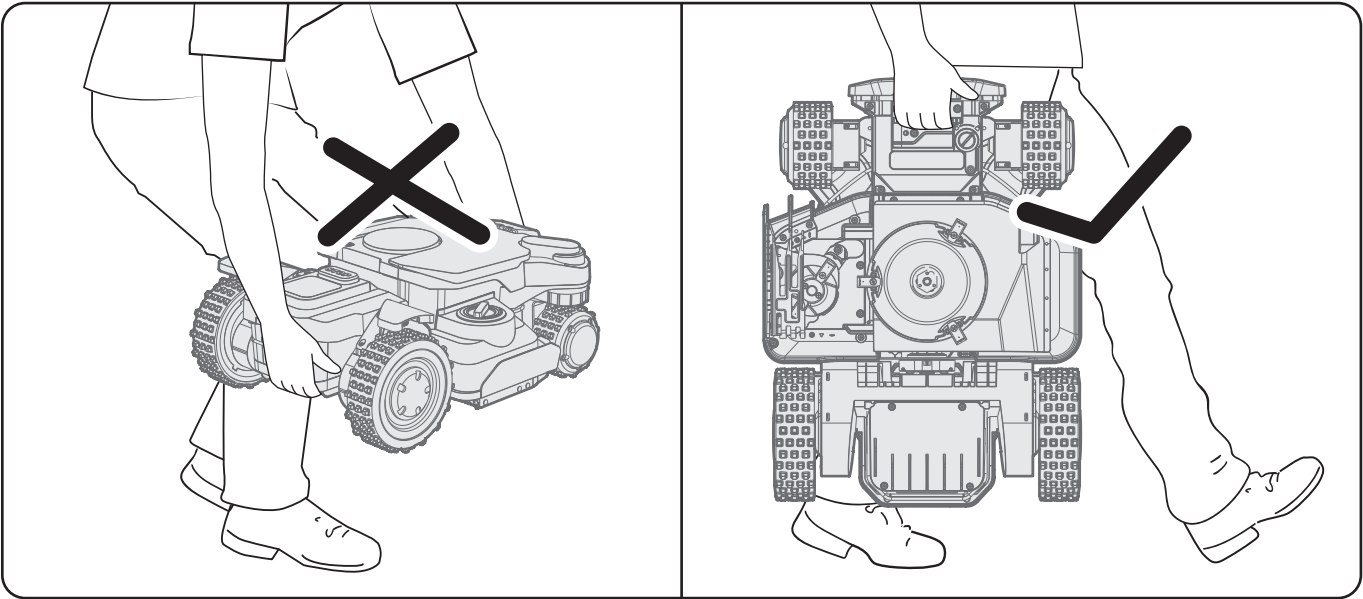


1	2.55 in (65 mm)
2	2.95 in (75 mm)
3	3.35 in (85 mm)

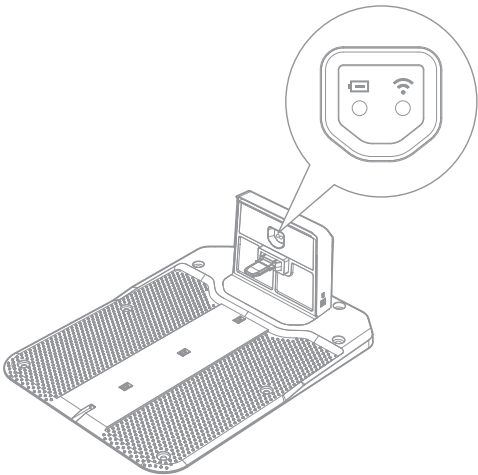


This picture is only for reference

NOTE: Please follow the following instructions to carry Eyepilot®.

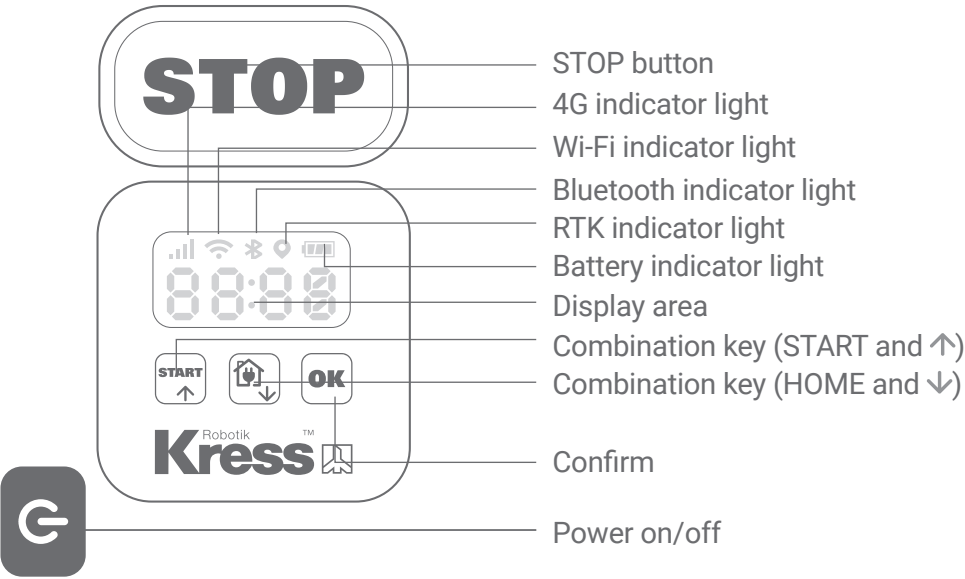


Getting to know power supply



Icon	Type	Function Description
	Green	Solid: Charging function normal
		Breathing: Charging in progress
	Red	Solid: Charging function fault
		Flashing: Battery polarity short-circuit fault
	Off	No power supply to the station.
	Blue	Solid: Wi-Fi not connected, please make sure the charging station is within Wi-Fi coverage
	Green	Solid: Wireless module operating normally
	Off	Wireless module not powered

Parts and functions



Control

12
EN

Power on	Press power button for 5s
Power off	Press power button for 5s
Enter applink mode	Press "START" for 3s
Start mowing	Press "START" and then "OK"
Stop mowing	Press "STOP"
Return home	Press "HOME" and then "OK"
How to restart the mower	Power off and power on, press "START" and then "OK"
How to change pin code	Press "START" and "HOME" together for 5s, use "START" or "HOME" to choose new PIN, press "OK" to confirm
How to unlock the display	Enter PIN code by "START" or "HOME", press "OK" to confirm
How to check firmware version number	Press "HOME" for 5s and press "OK"

Technical data

Type **KR282 KR284 KR286 (100-299 - designation of machinery, representative of Robotic Lawnmower)**

	KR282	KR284	KR286
Rated voltage	20 V  Max.*		
No load speed	2600 /min		
Cutting area	0.5 acre (2000 m²)	1 acre (4000 m²)	1.5 acre (6000 m²)
Cutting diameter	8.7 in (22 cm)	9.4 in (24 cm)	
Cutting height	1.57-3.54 in (40-90 mm)		
Cutting height positions	11		
Zero trim (edge cut blade)	Y		
Edge cut height	1: / 2: / 3: 2.55 in (65 mm) / 2.95 in (75 mm) / 3.35 in (85 mm)		
Edge cut width	4.33 in (110 mm)		
Camera	Stereo		
Battery type	Lithium-ion		
Battery model	KA3006		KA3010
Charging time approx.	60 min	40 min	70 min
Charger model	KA3733	KA3725	KA3727
Charger rating	Input: 120 V~60 Hz, 90 W, Output: 20 V, 3.0 A	Input: 120 V~60 Hz, 190 W, Output: 28 V, 5.0 A	Input: 120 V~60 Hz, 230 W, Output: 28 V, 7.0 A
Machinery weight	41.8 lbs (19 kg)		43 lbs (19.5 kg)
Protection degree	III		
App	Y		
Frequency bands for Bluetooth	2400-2483.5 MHz		
Maximum output power for bluetooth	8 dBm		
Frequency bands for Wi-Fi	2412-2462 MHz		
Maximum output power for Wi-Fi	30 dBm		
Maximum slope within the work surface	40° (80%)		
Charging temperature range	32 °F ~ 131 °F (0 °C ~ 55 °C)		

* Voltage measured at no load. Initial battery voltage reaches maximum of 20 volts. Nominal voltage is 18 volts.

Technical Data For 4G

Band	Tx(Mhz)	Rx(Mhz)	RF Output Power (Max)
GSM900(B8)	880-915	925-960	33dBm
DCS1800(B3)	1710-1785	1805-1880	30dBm
WCDMA B1	1920-1980	2110-2170	24dBm
WCDMA B8	880-915	925-960	24dBm
WCDMA Band V	824-849	869-894	24dBm
LTE-FDD B1	1920-1980	2110-2170	23dBm
LTE-FDD B3	1710-1785	1805-1880	23dBm
LTE-FDD B7	2500-2570	2620-2690	23dBm
LTE-FDD B8	880-915	925-960	23dBm
LTE-FDD B20	832-862	791-821	23dBm
LTE-FDD B28	703-748	758-803	23dBm
LTE-TDD B38	2570-2620	2570-2620	23dBm
LTE-TDD B40	2300-2400	2300-2400	23dBm
LTE Band 3	1710-1785	1805-1880	23dBm
LTE Band 41	2535-2675	2535-2675	23dBm

Technical data for 4G-GNSS

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

Accessories

	KR282	KR284	KR286
Screw for fixing blades	13	16	16
Charging base	1	1	1
Charging base fixing nails	8	8	8
Hex key	1	1	1
Blade	13	16	16

Wheel brushes (1 pair)	1	1	1
Battery pack (KA3006)	1	1	/
Battery pack (KA3010)	/	/	1
Charger (KA3733)	1	/	/
Charger (KA3725)	/	1	/
Charger (KA3727)	/	/	1

We recommend that you purchase genuine accessories listed in the above list from the same store that sold you 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, EyePilot® may be programmed to operate at any time or frequency. It is not intended for digging, sweeping or snow cleaning.

Maintenance

Your EyePilot® works hard and needs to be cleaned and checked from time to time. Some parts will require replacement as they become worn. Never use your EyePilot® with defective on/off switch. Switch off the machine before carrying out any service or maintenance. Here's how to take care of your EyePilot®.