

此页不印刷

印刷要求	
尺寸：	210 * 140mm
颜色：	白底黑字
材质：	封面封底128g 双铜过哑胶，内页80g书纸
装订：	骑马钉，共计36page

A	初版发布
B	变更印刷内容

UBTECH	PART NAME	PC10 泳池清洁机器人说明书	Part No.	1210200441	Version	B	公差		Scale	1:1

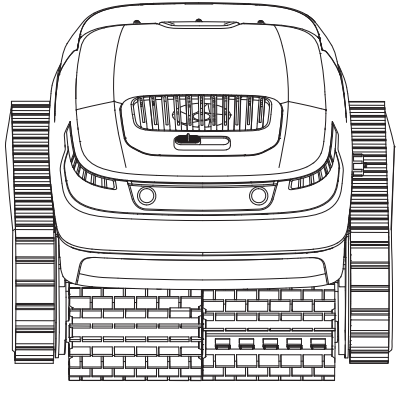
包材类别：☐包装盒 ☐封套 ■说明书 ☐保修卡 ☐零件清单 ☐贴纸 ☐卡通箱 ☐吸塑 ☐珍珠棉 ☐航空箱 ☐PE袋 ☐热塑膜 ☐栈板 ☐其他 _____

序号	审核部门	审核要点	审核人签字	日期	序号	审核部门	审核要点	审核人签字	日期
1	产品经理	1.产品定义，产品中英文名称，包装成本与策略的制定； 2.包装相关设计表达审核； 3.基础版包装全案（含包装盒，说明书，宣传页等所有市场物料）审核；			6	认证代表	1.法规要求的警示文字 2.各国法规及认证标示，与认证公司最终确认的结果； 3.CMIIT ID，入网证许可等信息与机构最终确认的结果；		
2	品牌部	1.包装文案及语义表述审核； 2.包装全案（含包装盒，说明书，宣传页等所有市场物料）审核；			7	软件代表	审核体现在说明书，包装盒等上面的软件版本，二维码，技术参数是否正确。		
3	包装组	1.包装刀线审核； 2.包装物料印刷效果审核（包含粘标贴位置是否增加定位标记，是否预留足够位置贴彩盒三合一标贴）； 3.包装物料材质及表面工艺审核； 4.EAN/UPC是否准确；	曹柱	2024-03-18	8	ID代表	1.包装盒产品ID图审核； 2.零件清单数量，颜色，形状，型号审核； 3.说明书ID渲染图，矢量图审核；		
4	创意搭建/动效设计组	1.审核零件数量、颜色、形状是否与BOM表，3D动画模型一致； 2.审核模型颜色和造型细节是否与ID最终图，实物，3D动画一致；			9	项目经理	1. 产品型号审核； 2. 产品中英文名称 3. 修重		
5	市场销售部	1. 审核客户信息（如名称，电话，定制信息等）是否完整包含、准确无误 2. 语言表述的是否合理，无歧义（主要是外文）			10	其他部门	其他未尽事宜：		

AIRROBO
Free as a breeze

Robotic Pool Cleaner PC 10

User Manual



Please read this manual carefully before using the product and store the manual properly.

Contents

EN English ····· P01-P08

DE Deutsch ····· P09-P13

FR Français ····· P14-P19

IT Italiano ····· P20-P25

ES Español ····· P26-P31

Contents EN

1.WARNINGS ····· P01-P01

2.Packing List ····· P02-P02

3.Product Overview ····· P02-P02

4.Instructions for Use ····· P02-P04

5.Daily Maintenance ····· P04-P04

6.Off-season Storage ····· P04-P04

7.Parts Replacement ····· P04-P05

8.FAQs ····· P05-P06

9.Compliance Statement ····· P06-P07

1. WARNINGS

EN

Thank you for purchasing Airrobo Robotic Pool Cleaner.
Please read this manual carefully before using the product for the first time and keep this manual for future reference.

- This product is intended for domestic use only and not for commercial or industrial purposes.
- This product has undergone rigorous testing before leaving the factory, including underwater testing. Therefore, there may be a small amount of water droplets or dirt remaining inside, which will not affect the operation of the product. Please feel free to use it normally.
- Do not operate the device when people or animals are in the pool.
- Please fully charge the robot before using it for the first time.
- Use only the adapter provided with the product for charging. Never use a third-party adapter. Do not use extension cables under any circumstances. Keep the product away from combustible materials when charging.
- Do not use a damaged power adapter to charge the product. A damaged power cord must be replaced by the manufacturer, a service agent, or personnel with similar qualifications. Never try to repair a damaged power cord by yourself. If repair is required, contact us.
- Make sure that the charging port is dry before connecting the product to the power supply.
- Please charge the product in a safe place away from water.
- Ensure that the power outlet is protected by a ground fault interrupter (GFI) or a ground leakage circuit breaker.
- Do not charge or use the robot when any abnormality is detected. Please contact customer service.
- This robot is not intended for use by people with reduced physical, sensory, or mental capabilities or lack of experience and knowledge (including children) unless they have been given supervision or instruction for using the robot by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the robot.
- Cleaning and maintenance must not be performed by children without supervision.
- All packaging materials should be disposed of properly and kept away from children and pets.
- This product contains a non-replaceable battery. Do not disassemble the battery. When the battery life ends, the robot should be disposed of properly.
- Do not attempt to repair or modify any part of your product. All repairs must be done by qualified personnel only. No user-serviceable parts are included. If repair is required, contact us.
- This product must be serviced by a qualified professional with sufficient experience in the installation and maintenance of swimming pool equipment so that all instructions in the complete installation and operation manual can be accurately followed. Be sure to explicitly follow all safety instructions in the complete manual to prevent the risk of injury. No user-serviceable parts are included. Please contact us when you need repair services.
- Before cleaning or maintaining the robot, be sure to unplug the power plug from the power outlet.
- Do not pierce the robot casing with nails or other sharp objects. Do not hammer, impact, or throw the robot.
- Do not expose the product or battery to excessive temperatures.
- Be sure to remove the battery from the robot before recycling or disposing of the robot. When removing the battery, always disconnect the robot from the power supply.
- Please dispose or recycle used batteries in accordance with local administrative regulations. Consult a professional recycling agency if necessary.
- The oil sealing around the motor contains grease, which may cause a small amount of water pollution if the motor is damaged. If you believe there is a leak, stop using the product immediately.
- The charging position of the product should be at least 3 meters away from the edge of the pool
- Only use the robot under the following water conditions:

Chlorine	Max 4 ppm
PH	7.0-7.4
Temperature	5-35°C (41-95°F)
Sodium chloride	Max 5000 ppm

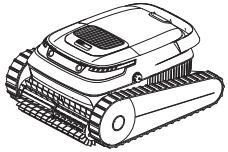


Before charging, read the instructions.

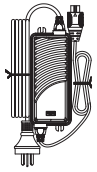


Maximum operating depth：2.5m.

2.Packing List



Robotic Pool Cleaner
(With built-in filter) × 1



Power adapter × 1



Hook × 1



Warranty card × 1

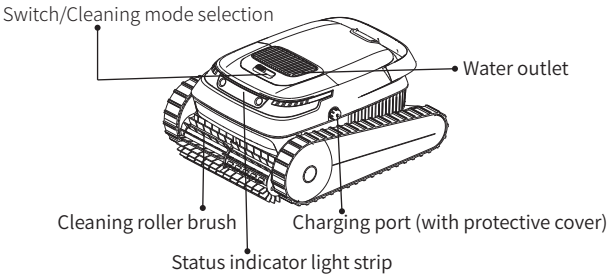


User manual × 1

Maintenance kit

Maintenance kit × 1
Including:
Combined machine screw 1 × 2pcs.
Combined machine screw 2 × 2pcs.
Self-tapping screw 1 × 4pcs.
Self-tapping screw 2 × 4pcs.
Flip buckle hand piece × 1pcs.
Circlip × 4pcs. Washer × 4pcs.
Rubber strip × 1pcs.

3.Product Overview



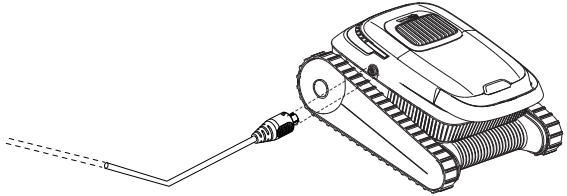
Applicable pool size	swimming pool of 1,076 square feet (100 square meters)
Pool depth	0.5-2.5 m (1.64-8.2 ft)
Robot dimensions	475 × 395 × 250 mm/18.7 × 15.6 × 9.8 inches
Robot weight	9 kg/19.8 lbs
Charger input	100-240 V~50/60 Hz
Charger output	29.2 V ⎓ 3 A (US: 29.4 V ⎓ 3 A)
Robot input	29.2 V ⎓ 3 A (US: 29.4 V ⎓ 3 A)
Lithium battery capacity Max	5,200 mAh
Battery life	⩾ 2 hours
Charging time	2.5 hours
Filter density	180 μm
Moving speed	10-15 m/min (32.8-49.2 ft/min)
Waterproof rating	IP68
Storage temperature	-20°C to +45°C

EN

4.Instructions for Use

4.1 Charging

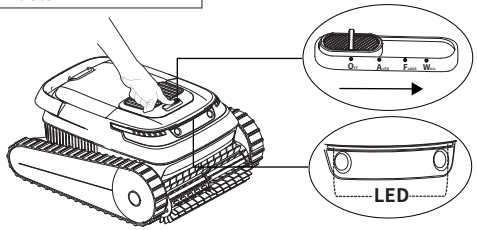
- Please fully charge the robot before using it for the first time.
- Remove the robot from the pool and turn it off.
- Make sure that the charging port is dry.



EN

4.2 Power and status indicators

LED Color	Status
Green	Sufficient battery
Blue	Insufficient battery
Orange	Very low battery
Red	Fault

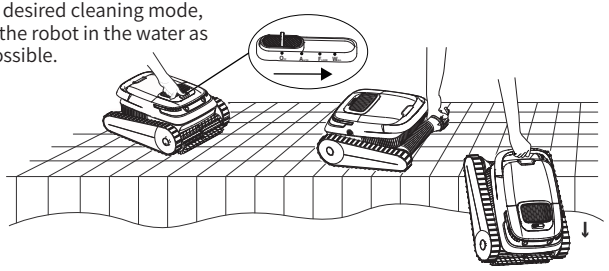


4.3 Cleaning Mode

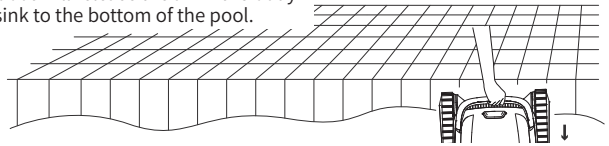
Cleaning Mode	LOGO	Cleaning Area
Intelligent cleaning	AUTO	Clean the floor/wall/waterline
Floor cleaning	FLOOR	Clean only the floor
Wall cleaning	WALL	Clean the wall and waterline

4.4 Placing the robot into the water

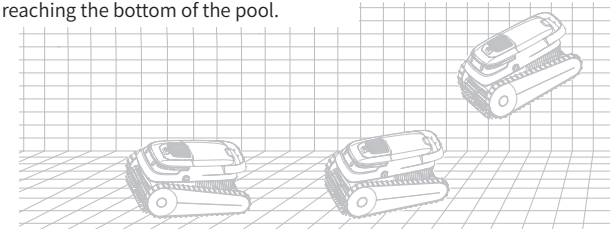
① Select the desired cleaning mode, and place the robot in the water as soon as possible.



② Slowly put the robot into the water. Then, the robot will release the air in the body and sink to the bottom of the pool.

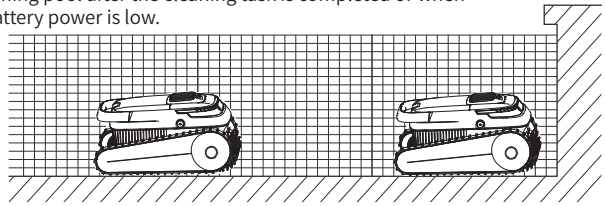


③ The robot will start working within 10 seconds after reaching the bottom of the pool.

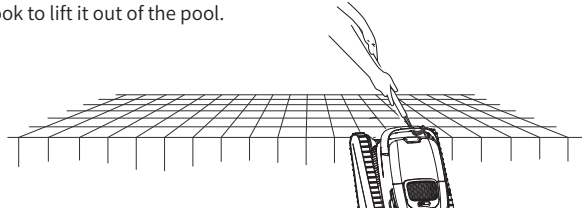


4.4 Taking out of the swimming pool

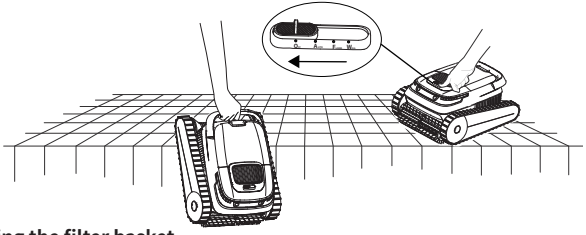
① The robot will automatically stop at the bottom edge of the swimming pool after the cleaning task is completed or when the battery power is low.



② Use a hook to lift it out of the pool.



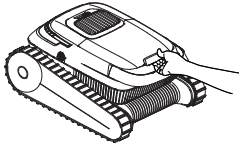
③ Remove the robot from the pool and turn it off.



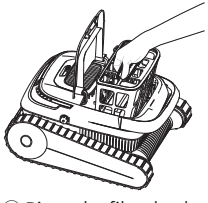
4.5 Cleaning the filter basket

We strongly advised cleaning the filter basket after each cleaning task.

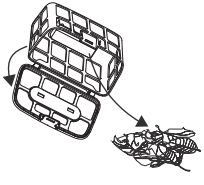
① Open the robot compartment cover.



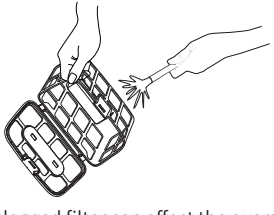
② Remove the filter basket.



③ Open the filter basket cover and remove the debris.



④ Rinse the filter basket.



Note: Please clean the filter basket in time. A clogged filter can affect the overall cleaning performance of the robot, making it difficult to generate suction or trap dirt and debris in the filter basket. If cleaning has no effect, the filter basket needs to be replaced.

5.Daily Maintenance

For optimal product performance, follow these instructions to maintain the robot.

5.1 After daily use

- Clean the robot and filter basket after each cleaning.
- Keep away from direct sunlight.
- Make sure that the charging port is dry before charging.

5.2 Every 3-4 months or after a deep cleaning cycle (when the pool is dirty)

- Check to make sure that there is no debris in the roller brushes, tracks, and gears.

5.3 Every 12 months or when the robot is found to be working/rotating slowly

- Check the tracks and roller brushes for wear.If they are worn, replace them.

6.Off-season Storage

If the robot will not be used for a long time, perform the following storage steps:

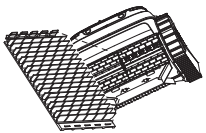
- Thoroughly clean and dry the filter basket, roller brushes, and tracks.
- Ensure that there is no residual water in the cleaner.
- Fully charge the robot before storage. Place it in a well-ventilated, cool place with a temperature between 5°C and 45°C (41°F and 113°F) and a humidity below 80% RH. Avoid direct sunlight, rain, or frost.
- The battery should be charged at least every 3 months to prevent over-discharge.
- Do not leave the robot within the reach of children or people with reduced physical, sensory, or mental capabilities or lack of experience and knowledge unless they have been given supervision or instruction.

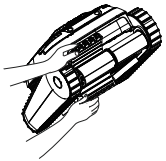
7.Parts Replacement

7.1 Roller brush replacement

① On the back of the roller brush belt, peel off the silicone buckles fixing the mounting grooves.

② Remove all the silicone buckles, replace the roller brush belt with a new one, align the silicone buckles with the mounting grooves, and press the buckles to fix them in the grooves.





EN

EN

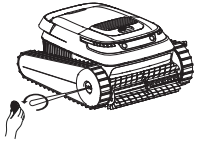
7.2 Track replacement

① Remove the side panels:

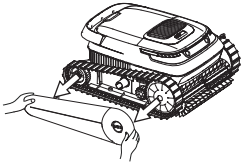
Remove the two screw covers. Using a Phillips screwdriver to unscrew the two screws holding the side panels and track panels in place. Remove the side panels and track panels and set them aside.

② Clean: Clean the inside of the side panels and dry them with a paper towel or cloth.

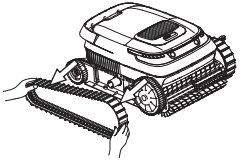
③ Replace: Replace the tracks as required.



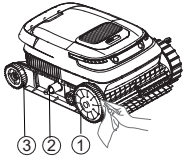
Remove the screw cover and unscrew the screws.



Remove the side panels



Remove the tracks.



Clean the inside of the side panels

8.FAQs

If an issue persists after the suggested solutions are implemented, contact customer support for assistance.

Issue	Possible Causes	Solutions
The robot does not charge.	• The power outlet has no power.	• Check whether the power outlet is working.
	• The power cord is not properly connected to the power outlet.	• Check the connection between the power cord and the power outlet.
	• The connection between tpower adapter and robot is loose.	• Check the connection between the robot and the adapter.
The robot does not charge.	• The power adapter does not work.	• Check whether the charging LED is displayed when the adapter is connected to the robot. If not, replace the charger.
	• Water entered the charging port.	• Dry the charging port and try charging again.
The robot does not work or the indicator does not turn on.	• The robot does not have enough battery.	• Use the robot after fully charging it.
	• The robot switch fails.	• Try turning the robot off and on again.
The robot does not climb walls.	• The battery is low.	• Use the robot after fully charging it.
	• Check whether the robot works in floor cleaning mode and cleans only the floor.	• Switch to wall cleaning mode.
	• The filter basket is clogged.	• Clean the filter basket.
	• There is algae on the wall and the pH value is not right.	• Check the levels of chemicals in the water. Poor water quality can allow algae to grow, making walls slippery. In this case, adjust the water quality and scrub the walls.
	• The tracks and/or roller brushes are worn.	• Replace the tracks and/or roller brushes.
The robot moves in circles.	• The filter basket is clogged.	• Clean the filter basket.
	• Debris gets stuck on the tracks or roller brushes.	• Remove debris from tracks or roller brushes. See page 4 for parts replacement instructions.
The robot stops underwater and the fault indicator indicates that the motor or water pump is blocked.	• Debris gets stuck on the tracks or roller brushes.	• If the motor is stuck, check whether the left/right track can be manually rotated. If not, check for obstructions on the track.
	• Debris blocks the water pump motor impeller.	• If the water pump motor is stuck, check for obstacles on the impellers.

There are water droplets and dirt in the newly purchased robot.	• Every robot has undergone rigorous testing before leaving the factory, including underwater testing. Therefore, there may be a small amount of water droplets or dirt remaining inside. Please feel free to use the robot normally. motor impeller.	• This does not affect the operation of the robot.

9.Declaration of Conformity

9.1 FCC compliance 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.

9.2 WEEE Disposal and Recycling Information

EN



All products bearing this symbol are waste electrical and electronic equipment (WEEE as in directive 2012/19/EU) which should not be mixed with unsorted household waste. Instead, you should protect human health and the environment by handing over your waste equipment to a designated collection point for the recycling of waste electrical and electronic equipment, appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. Please contact the installer or local authorities for more information about the location as well as terms and conditions of such collection points.

9.3 ISEDC TO CANADIAN USERS

CAN ICES-3(B)/NMB-3(B)
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.
This Class B digital apparatus complies with Canadian ICES‐003.
This device complies with RSS‐247 of ISEDC. Operation is subject to the condition that this device does not cause harmful interference.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d' Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) L'appareil ne doit pas produire de brouillage;
(2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
Cet appareil numérique de la Classe B conforme à la norme NMB‐003 du Canada.
Cet appareil est conforme à la norme RSS ‐ 247 d'ISEDC. Le fonctionnement est soumis à la condition que cet appareil ne provoque pas d'interférences nuisibles.

EN

9.4 EU Declaration of Conformity

Product description: Robotic Pool Cleaner
Type designation(s):PC10
Trademark: AIRROBO
Hereby we,
Name of manufacturer: Best Epoch Technology Co., Ltd.
Address:2201, Block C1, Nanshan I Park, No. 1001 Xueyuan Road, Nanshan District, Shenzhen City,P.R.CHINA
declare under our sole responsibility that the product described above is in conformity with the relevant Union harmonization legislations:European Directive(Low Voltage Directive 2014/35/EU,Electromagnetic Compatibility Directive 2014/30/EU)

The following harmonized standards and/or other relevant standards have been applied, which included for Article 3.1b EMC, Article 3.1a Electrical Safety rquirements:
EN IEC 55014-1:2021
EN IEC 55014-2:2021
EN IEC 61000-3-2:2019+A1:2021
EN 61000-3-3:2013+A1:2019+A2：2021
EN IEC 60335-2-41:2021+A11:2021
EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019+A15:2021
EN 62233:2008

The performed the conformity assessment according to the European Directive, The laboratory issuing the report is Bay Area Compliance Laboratories Corp.(Dongguan).

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of: Best Epoch Technology Co., Ltd.
Place: Shenzhen,China.
Name: Lucia Liu Position: Certification Engineer
Signature: Lucia Liu Date: March 25,2024