

Dear Customer,

Thank you for choosing our Sweepy Free® automatic swimming pool cleaner by ZODIAC.

The robot has been designed, manufactured and controlled with great care to ensure that it will satisfy your requirements.

Please read this user guide carefully before using it for the first time. This document presents all the information you will need to ensure optimal operation and safety of your robot.

For additional information, please contact your usual retailer who, being a swimming pool professional, will provide recommendations concerning the use and maintenance of your robot. Your retailer will also provide any spare parts you may require and also provide qualified after sales service.

USER GUIDE

1 / YOUR SAFETY	13
2 / FIRST OPERATIONS	13
UNPACKING	13
ASSEMBLING THE TRANSPORT CART	13
ELECTRICAL CONNECTION	14
IMMERSION OF THE ROBOT	14
OPERATION	14
REMOTE CONTROL MODE	15
Using the remote control	16
Switching to remote control mode	16
Return to automatic operation	16
Synchronising the remote control	16
RECOMMENDATIONS	16
3 / CLEANING AND MAINTENANCE	17
CLEANING THE FILTER-BAG	17
CLEANING AND STORAGE	17
4 / CHANGING THE BRUSHES	18
5 / ADJUSTING THE BALLAST	19
6 / POTENTIAL PROBLEMS	19
7 / CONFORMITY	20
8 / SWEEPY FREE GENERAL SPECIFICATIONS	20
9 / WARRANTY	21



Disposing of the product / Protection of the environment:

In accordance with the requirements of French Directive DEEE - 2002/96/CE (Disposal of Electrical and Electronic Equipment Waste), used electrical and electronic appliances must be disposed of separately from normal household waste in order to promote reuse, recycling and other forms of recovery, also to limit the quantity of waste that needs to be destroyed and to reduce the number of dumps. When disposing of this product, respect local laws applying to waste disposal.

Do not dump it in nature areas. Take it to a centre specialised in dealing with electrical and electronic waste and/or enquire with your retailer when purchasing a new product.

1 / YOUR SAFETY

The Sweepy Free® robot has been manufactured in conformity with the most demanding norms. In order to ensure optimal and safe functioning of your swimming pool cleaner, you must respect the following instructions:

- > Only plug the control box to a power socket protected with a residual differential current protection system of 30 mA maximum.
- > Make sure that the electric plug is always easily accessible.
- > The control box must not be installed in a place that is liable to flooding.
- > The control box must be placed at a distance of at least 3.5 m from the edge of the swimming pool, and should not be directly exposed to the sun.
- > Never allow anyone to bathe in the pool whilst the robot is in the swimming pool.
- > If the control box were to accidentally fall into the pool, unplug it from the electrical socket before retrieving it.
- > To avoid electrical shock, do not open the electronic control box. If you encounter a problem, contact a qualified technician.
- > Do not operate the robot when it is out of the water.
- > Do not attempt to repair the electric power cord. Contact the after-sales service to have it replaced by an original spare part so as to avoid danger.
- > Do not use the robot in the swimming pool if the water temperature is above 35°C.
- > Unplug the power cord before any cleaning, service or maintenance operation and after using the robot.

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.

2 / FIRST OPERATIONS

UNPACKING

The packaging should contain the following elements:

- > the Sweepy Free® robot; a carry cart; a control box; a remote control box complete with neck strap; the user manual and the warranty certificate.

Unpack the elements as follows:

- > First remove the box that is on top of the robot: it contains the control box.
- > Then take out the parts for the cart. **Figure 1.**
- > 2 upper tubes: right (1) and left (2), 1 control box hook (3), 2 cable hooks: top (4) and bottom (5), 1 hook cap (6) and one bag of screws containing 2 special plastic screws (7), 4 long screws (8), 4 nuts (9) and a spanner.
- > Finally, extract the lower part of the cart (10).

Check that the device has not suffered any damage during its transport (shocks, broken parts, etc.). if you notice any anomalies, contact your retailer before using your robot.

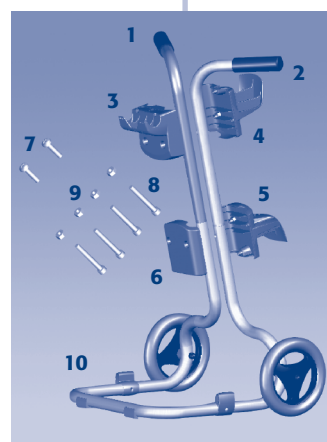


Figure 1

ASSEMBLING THE TRANSPORT CART

Assembling the upper part of the cart. **Figure 2.**

- a)** Fit the upper handle tubes (1) and (2) on the control box support hook (3).
- b)** Then place the cable support hook (4) - the tubes must be turned towards the cable hook.
- c)** Place the screw (7) at the top of the cable support and tighten it using the spanner supplied.
- d)** Insert the long screws (8) in the control box support whilst maintaining the nuts (9) in the cable support and tighten them.

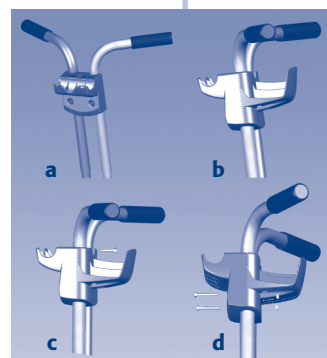


Figure 2

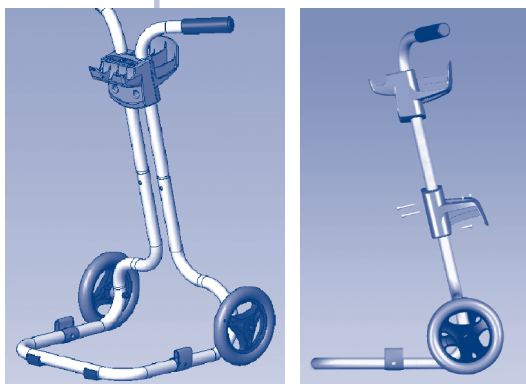


Figure 3

Final assembly. **Figure 3.**

a) Place the upper part, as assembled above, on the lower part of the cart (10).

b) Place the cable support (5) and its cover (6) on the assembled parts.

Insert the screw (7) at the bottom of the cable support and tighten it using the spanner supplied.

Insert the 2 long screws (8), in the support cover whilst maintaining the nuts (9) in the cable support and tighten them.

ELECTRICAL CONNECTION

For your safety and to guarantee the optimal functioning of your robot, follow the steps hereunder:

> Place the control box at a distance of at least 3.5 m from the edge of the swimming pool, avoiding direct exposition to the sun; it can be placed either on the ground or on the carry cart, as illustrated in **Figure 4**.

> Connect the robot cable to the control box and lock the connector. **Figure 5.**

> Only plug the control box to a power socket protected with a residual differential current protection system of 30 mA maximum (if you have any doubts, contact an electrician/installer).



Figure 5

VERY IMPORTANT! If you use an extension cable in order to connect your robot to the electrical mains, make sure that the control box cannot be placed within 3.5 m of the edge of the swimming pool.



Figure 4

IMMERSION OF THE ROBOT

IMPORTANT: No bathing is allowed whilst the robot is operational in the in the swimming pool.

Immerse the robot in the water. **Figure 6.** It is essential that the device sinks on its own and settles on the bottom of the swimming pool. Ensure that the cable is fully unrolled in order to reduce twisting and tangling up. Stretch the cable over the length of the pool. For optimal operation we recommend placing the cart with the control box at mid-distance of the swimming pool length.



Figure 6

OPERATION

Sweepy Free® offers 4 cleaning programs. Depending on the state of your swimming pool, you have the choice between 2 cleaning cycles and 2 operating modes:



> Cycle I: for fast cleaning of a slightly dirty swimming pool (45 min and 1.15 hrs).



> Cycle II: for thorough cleaning of your swimming pool (1.20 hrs and 2 hrs).



> "Bottom only" mode: the robot will only clean the bottom of the swimming pool.





> "Bottom and walls" mode: the robot will clean the bottom, wall and waterline of your swimming pool.

When you switch the power on the robot it will be in sleep mode. It is waiting for an instruction to start.

The robot is started by pressing a button corresponding to one of the 2 cleaning cycles. The light corresponding to the selected cycle will light up.

The robot will start after a few seconds and will calculate its own cleaning trajectory.



Pressing on the button  will light up the indicator corresponding to the current operating mode ("Bottom only" or "Bottom and Walls"). You can switch between operating modes by pressing the button . The robot will not start immediately, pressing the button corresponding to one of the 2 cleaning cycles will instruct the robot to start the cleaning cycle.


When the robot is switched on, it will be set to the operating mode that was active when it was last switched off ("Bottom only" or "Bottom and Walls").

You can change the cleaning cycle and cleaning mode at any time during the operation. Simply press the button corresponding to the other cycle (I or II) or to the other mode (Bottom only or Bottom and walls). This will start a new full cleaning cycle.


To stop the robot during the course of a cycle, press on the button .

NOTE:

Pressing the button corresponding to the cycle currently running will have no effect. After completing the cycle the robot will stop: the lights indicating the selected cycle and mode will blink to show that the unit is still under power and that the cycle is completed.

Press the button .

Unplug the power cable from the mains socket. Unplug the cable from the control box and wrap it around the support hooks fitted on the cart.

If you wish to initiate a new cycle after the robot has stopped, press the button  and wait a few seconds before restarting your robot.

IMPORTANT: Wait approximately 1/4 hour after the end of the cycle before removing the robot from the water.

REMOTE CONTROL MODE

You can control the robot as you wish using the remote control. The remote control features 4 buttons:

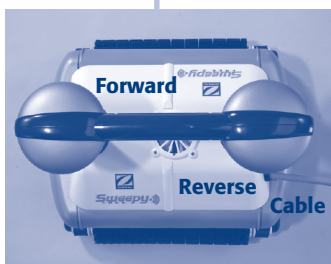
			Auto
Forward	Reverse	Rotate	Return to automatic mode



Using the remote control

The direction of the robot is determined by the cable outlet from the casing.


Note: the robot always rotates around the cable, so it will turn to the right or to the left depending on whether the robot is moving forwards or reversing.



Switching to remote control mode

The remote control mode is activated as soon as one of the keys on the remote control unit is pressed. The LED on the control panel will blink alternately.

The robot will then move in the selected direction.

Pressing on the  button will make the robot move Forwards and turn (to the right).

The robot will continue to turn whilst the button is pressed (right or left depending on the current direction of displacement). Once the button is released, the robot continues its initial movement (forward or backward).

Pressing the  buttons  will move the device in the chosen direction.

The light indicators situated on the control box, showing the current cycle and mode, will blink alternately.

Return to automatic operation

Return to automatic mode is achieved by pressing the **Auto** button.

The robot will also return to automatic mode if no button has been pressed during 30s.


In all cases, the robot will stop for 3 seconds (the pump continues to operate) before resuming the cleaning cycle in automatic mode.

The diode indicators on the box will stop blinking.

Synchronising the remote control

If you need to replace the control box or the remote control unit, the new remote control unit must be matched with the control box. To this effect:

Plug the control box to the power supply. It is not necessary for the robot to be connected to the control box.

> Press the button  on the remote control and keep it pressed down for the continuation of the peering procedure.

> Press the button  then the Cycle I button whilst at the same time pressing .

> After approximately 6 seconds, the 4 indicators on the box will light up.

> Release the button; the remote control unit is now ready.

If the light indicators switch off when the 3 buttons are held down, restart the synchronisation procedure.

RECOMMENDATIONS

Use your automatic cleaning robot as often as possible. You will enjoy a swimming pool that is always clean and the filter bag will clog up less often.

The robot must operate in swimming pool water that has the following properties: Chlorine < 2mg/l, pH between 6.8 and 7.6, temperature between 10°C and 35°C.

It is possible that part of the pool is not perfectly clean after executing the automatic program. In this case, you can use the remote control mode in order to perfect the cleaning easily and quickly.

Do not leave the robot permanently in the water.

IMPORTANT: Do not use your robot after using a chlorine shock treatment in your swimming pool!

Do not pull on the cable to lift the robot out of the water. Use only the handle.



3 / CLEANING AND MAINTENANCE

CLEANING THE FILTER-BAG

We recommend cleaning the filter-bag after each cycle. Do not let debris or dirt dry up in the filter-bag. This would make it very difficult to clean and could make it unusable.

Ensure that the power cable is unplugged from the power mains or that the floating cable is disconnected from the power supply unit.

- > Lift the robot out of the water and place it upside down on the deck, so as to enable access to the filter-support plate fitted on the underside. **Figure 7.**
- > Pull back the 4 clips that hold the plate in place. Remove the plate, keeping it upside down so that the contents remain in the bag. **Figure 8.**
- > Undo the 2 plastic clips to extract the bag. **Figure 9.**
- > Gently pull back the elastic band at the base of the filter and remove the latter from its support plate. **Schéma 10.**
- > Empty the bag and clean it using tap water or if necessary using slightly soapy water. In this case, rinse thoroughly, taking care to turn it over. It can be washed in a washing machine following the instructions mentioned on the label fitted on the inside of the bag.
- > Also rinse the filter support plate and remove any impurities that might be stuck under the clips.
- > Replace the filter-bag by placing the knot in the elastic band at the middle of the length of the filter-support, and the corners of the bag on the angles of the metal rods. The Zodiac label is fitted to one of the metal rods.
- > Place the plastic locking clips on the rods.
- > Replace the filter-support and clip it into place.



Figure 7



Figure 8



Figure 9



Figure 10

CLEANING AND STORAGE

The robot must be cleaned regularly using plain tap water or slightly soapy water, excluding any detergent such as trichloroethylene or equivalent products. Rinse the robot thoroughly using tap water.

None of the external mechanical parts accessible to the user require greasing.

The robot must be stored on its carry cart, which has been specially designed to avoid squashing the brushes and to ensure that it can dry safely and quickly.

IMPORTANT :

Do not leave the robot to dry in the sun by the pool side. Do not leave the control unit and the remote control box in the sun or under the rain.

4 / CHANGING THE BRUSHES

THE ROBOT IS FITTED WITH SEBS RUBBER PADS

The rubber pads include wear indicators. To ensure that your swimming pool cleaner remains highly efficient, you must change the brushes as soon as one of the wear indicators has been reached (even if the strips are not evenly worn). **Figure 11.**

We recommend changing the brushes after 2 seasons of use.

To change the brushes:

- > Turn the robot on its back.
- > Pull the strips through the slots in the first brush.
- > Remove the worn brush.
- > Place the new brush by wrapping the smooth part with no strips around the brush support. **Figure 12.**
- > Insert each strip in the corresponding notch and pull gently on the strips in order to pull them through to the other side of the slot. **Figure 13.**
- > Cut the strips using a pair of scissors to match their length with that of the other strips. **Figure 14.**
- > Repeat the above operations on the second brush.

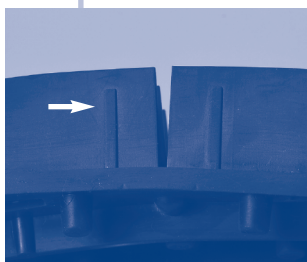


Figure 11



Figure 12



Figure 13



Figure 14

THE ROBOT IS FITTED WITH FOAM PADS

We recommend that you change the pads after a season's use. It is essential that they are changed as soon as their surface becomes smooth or worn.

In order to do this, proceed as follows:

- > Turn the robot over.
- > Push the pads aside to reveal the pad clips. Slide your fingers under the pads in order to release the clips holding them in place. Be careful not to push them too far. **Figures 15 and 16.**
- > Remove the used pads and replace them with new ones (with the smooth side facing inwards).
- > Replace the clips. **Figures 17 and 18.**
- > Retighten the pads.



Figure 15



Figure 16



Figure 17



Figure 18

5 / ADJUSTING THE BALLAST

It might be necessary to adjust the ballast in order to enhance the efficiency of the robot.

Important: the filter-bag must be clean, the swimming pool water must be properly balanced and there must be no algae on the swimming pool walls before proceeding with adjusting the ballast of the swimming pool cleaner.

If the robot floats too high above the waterline and takes in air, move the ballast (2 plates) from position 3 to position 2 and add another ballast (2 plates) to position 4 so that the ballast remains balanced.

If the robot does not float up to the waterline, remove the ballast (2 plates) situated under the motor casing.

To adjust the ballast:

- > Carefully turn the robot on to its back.
- > Remove the filter-support plate. **Figure 19.**
- > Unscrew and remove the casing protection grid. **Figure 20.**
- > Adjust the ballast. **Figure 21** (5 cable outlet side).
- > Put the grid back into place and screw it onto the casing, then put the filter-support plate back into place.



Figure 19



Figure 20



Figure 21

6 / POTENTIAL PROBLEMS

The robot does not stay on the bottom of the swimming pool:

There is air trapped in the robot casing. Repeat the immersion procedure, following the instructions under the section "Immersion of the robot" step by step.

Turn the robot upside down whilst keeping it under water to release the air trapped in the casing.

The robot does not climb the walls. There can be 3 reasons for this:

- > the filter bag is full or dirty: simply clean it.
- > the ballast is not adapted. Adjust the ballast.
- > although the water may seem clear, there can be microscopic algae in your swimming pool, invisible to the eye, that make the wall slippery and prevent the robot from climbing. Give the pool a chlorine shock treatment and lower the pH slightly. Do not leave the robot in the water during the shock treatment.

Upon starting the robot does not move:

Check that the power cable to which the control box is properly connected.

Check that you have correctly initiated cleaning cycles I or II.

If the problem persists, contact your retailer.

The 2 indicators for Cycle I and Cycle II blink alternately:

Your robot has encountered a problem or an error occurred during its operation.

Unplug the power cord, wait 10 seconds minimum then reconnect the power cord.

Check that the cable is correctly connected to the control box.

Check there are no debris preventing brush rotation and/or that there is no debris near the propeller.

Clean the filter-bag.

Start a new cleaning cycle.

If the problem persists, contact your retailer.

7 / CONFORMITY

This device has been designed and manufactured according to the following norms:

According to the directive on Electromagnetic compatibility: 2004/108/EC and norms

EN 55014-1: 2000 +A1:2001 +A2:2002

EN 55014-2: 1997 +A1:2002

EN 61000-3-2: 2000 + A2:2005

EN 61000-3-3: 1995 + A1:2001 +A2:2005

According to the directive on low voltage: 2006/95/EC and the norms:

EN 60335-1 : 2002 + A1:2004 + A2:2006 +A11:2004 + A12:2006

EN 60335-2-41 : 2003 + A1:2004

The device conforms to all of the above.

It has been tested under normal conditions of use.

R&TTE CONFORMITY

BZT - ETS Certification GmbH, attests under its responsibility that the product ERONE 024A manufactured by ELPRO INNOTEK S.p.A, Via Piave, 23 - I.31020. to which the present certificate refers is conform to the appropriate normalisation norms and documents:

- > EN 300 220-3 V1.1.1 (2000-09): Electromagnetic and radiofrequency spectrum compatibility (ERM); low range apparatus (SRD); radio equipment used in the frequency range between 25 MHz and 1 000 MHz for power levels of up to 500 mW. Part 3: harmonised EN norm covering the essential requirements of article 3.2 of R&TTE Directive.
- > EN 301 489-03 (2000-07): Electromagnetic and radiofrequency spectrum compatibility (ERM); electromagnetic compatibility norm (EMC) for radio equipment and services. Part 3: Conditions specific to low range apparatus (SRD) operating at frequencies between 9 kHz and 40 GHz.
- > EN 60 065 (1998): Audio and video devices and similar electronic appliances. - Safety requirements.

This apparatus is not designed for use by persons (including children) whose physical, sensory or mental abilities are reduced, nor by persons lacking in experience or knowledge, except if they have benefited from supervision or prior instructions concerning the use of the apparatus given by a person responsible for their safety.

8 / SWEEPY FREE GENERAL SPECIFICATIONS

Control box supply voltage: 230V 50 Hz

Robot supply voltage: 30 V DC

Installed load: 150 W max

Cable length: 16.5 m or 25 m

Robot size (WxDxH): 42 x 40 x 28 cm

Pack size (WxDxH): 58 x 58 x 59 cm

Weight of robot: 9.9 kg

Packed weight: 22.1 kg

Filtration capacity: 20 microns

Theoretical width cleaned: 330 mm

Pump output: 16m³/h

Cycle lengths: 45 min, 1.15 hrs, 1.20 hrs, 2 hrs

The manufacturer reserves the right to modify these specifications without notice.

Although the Sweepy Free[®] robot has been tested in a large range of pools, ZODIAC cannot guarantee that it will be perfectly adapted to a specific type of pool.

9 / WARRANTY

The present terms and conditions are based on French law as in force at the time of printing.

TERMS & CONDITIONS

We guarantee that the equipment is technically flawless and free from defects, both with respect to material and workmanship, and that it corresponds to the evolution of technology and to the industry standards in force at the time of its introduction for sale to the market.

Subsequent modifications made to our products (enhancements or modifications related to the technological evolution of the product) will not result in any intervention on our behalf.

The warranty is limited to the repair or replacement of the apparatus, only in the case of recognised conformity-related defect. The choice between these two options will be our decision. The operations covered by the warranty will not exceed the damage suffered directly, and will not entail unreasonable costs to be borne by the retailer or manufacturer.

The warranty will automatically become void if the device has been tampered with (for repair or other) by a third party external to our services or by a repair service not approved by us, or if modifications have been made without our written approval. The warranty will also be void in the case of use non conform to the User Manual supplied together with the apparatus.

Any legal warranty such as described under article 1641 of the French Civil Code will apply. Any law entering into force after the date of publishing of the present warranty, and the terms of which concern the general public, will apply automatically, even if said terms were to differ from those stated in the present document.

EXCLUSIONS FROM THE WARRANTY:

- > Parts subject to normal wear such as the wheel tracks, brushes, belt straps and filter-bags.
- > Electrical damage caused by lightning or due to a faulty electrical connection.
- > Damage due to shock or mishandling (robot, including accessories and cables).
- > Under no circumstances will repair work or replacement under the terms of the warranty entail an extension or renewal of the period of warranty of the apparatus.

Period covered by the warranty

The warranty runs for two years, from the date of invoicing to the first owner.

Object of the warranty

During the period covered by the warranty as defined here-above, any part recognised as presenting a defect will be repaired or exchanged by the manufacturer with a new or fully operational part. Under reservations related to future French legal provisions concerning the general public that may come into force after the date of publication of the present warranty, travel and labour expenses will be borne by the user.

In the case of return to our workshop, shipping costs (return) will be borne by the user, labour expenses will be covered by the manufacturer.

Immobilisation and deprivation of use of a device for purposes related to its repair will not open right to compensation. In all cases, the retailer's legal warranty will continue to apply as provided for under article 4 of Decree n°78-464 dated 24th March 1978.

Damage in transit

Appliances are transported at the users' own risk.

It is the user's responsibility to check that the appliance is in perfect condition, prior to accepting its delivery. Our responsibility will not be engaged in this respect.