

Parklio – smart parking barrier



Detailed instructions for Parklio usage

Please read this manual first!

Dear Customers,

We hope that all your expectations of this product that is manufactured using the latest technology and that has undergone strict quality control procedures will be fulfilled.

The User Guide will help you use your product quickly and safely.

Read the user manual before installing and running your product.

Always follow the safety instructions.

Keep this user manual at your fingertips for future use.

Contents

1	PARKING BARRIER.....	4
1.1	EXTERIOR.....	4
1.2	INTERIOR.....	4
1.2.1	AC/DC adapter.....	5
1.2.2	Electronic box (Battery).....	5
1.2.3	Battery charging.....	6
2	TECHNICAL DATA	7
3	SAFETY WARNINGS.....	7
4	INSTALLATION AND CONNECTION	8
4.1	OPENING THE BARRIER.....	8
4.2	CHECKING PARTS.....	9
4.3	CHOOSING INSTALLATION SPOT	9
4.4	POSITIONING THE BARRIER.....	10
4.5	THE BARRIER INSTALLATION.....	10
5	PUTTING THE BARRIER IN OPERATION	13
6	CLEANING AND MAINTENANCE	15
6.1	CLEANING THE BARRIER INTERIOR	16
6.2	CLEANING THE BARRIER EXTERIOR.....	16
7	DISPOSAL OF EQUIPPED DEVICE	16

Detailed instructions

1 PARKING BARRIER

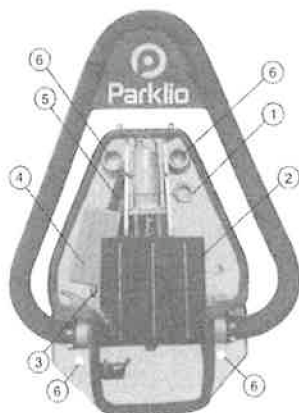
1.1 EXTERIOR



- 1) Arch
- 2) Solar panel
- 3) Cover
- 4) Key lock

Figure 1 - Parking barrier exterior

1.2 INTERIOR



- 1) Power grid hole
- 2) Solar panel
- 3) Antenna
- 4) Electronic box
- 5) Motor plug
- 6) Holes for anchors

Figure 2 - Barrier interior

1.2.1 AC/DC adapter

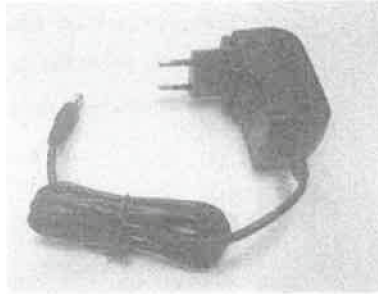
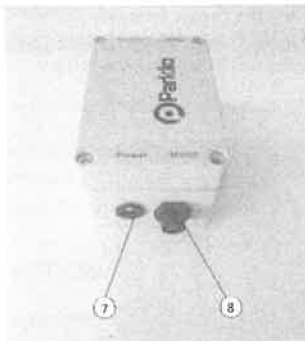


Figure 3 - AC/DC adapter

1.2.2 Electronic box (Battery)

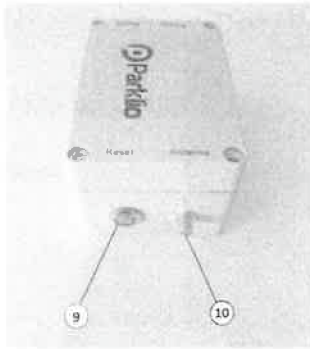


Figure 4 - Electronic box - top view



- 7) "Power" socket
- 8) "Motor" socket

Figure 5 - Electronic box - back view



- 9) "Reset" button
- 10) "Antenna" socket

Figure 6 - Electronic box - front view

Electronic box contains battery that powers the parking barrier.

1.2.3 Battery charging

For proper barrier operation, adequate battery maintenance is required. It is recommended to charge the battery when the battery capacity falls below 20% of its full capacity.

Battery capacity status can be checked as described in Section 6.1 for Android smartphones and Section 6.2 for iOS smartphones.

To charge the battery, the user needs to:

- 1) disconnect the motor plug (Section 1.2 – Part 5) from the "Motor" socket (Section 1.2 – Part 8)
- 2) disconnect the antenna (Section 1.2 – Part 3) from the "Antenna" socket (Section 1.2 – Part 10)
- 3) remove the electronic box (Section 1.2 – Figure 4) from the barrier interior
- 4) connect the provided ac/dc adapter (Section 1.2 – Figure 3) with "Power" socket (Section 1.2 – Part 7) on the electronic box.

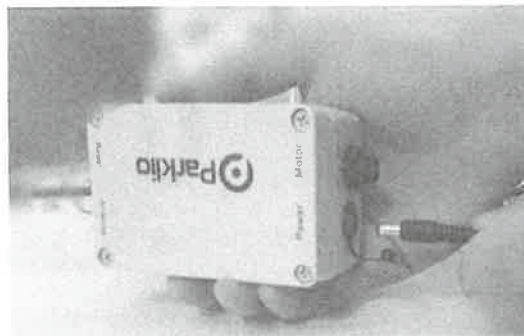


Figure 7 – Battery charging

While the battery is being charged the "Reset" button will turn on.

When the battery is fully charged, the "Reset" button light goes off.

It takes approximately 6-8 hours to fully charge the battery.

When the battery capacity is getting low, user will be notified via mobile application.

2 TECHNICAL DATA

Width	340mm
Height	104mm
Length	564mm
Height with raised arch	450mm
Weight	14kg
Rated voltage	7.2V Battery / 90-250V AC
Charging current	0.6A
Working temperature	-20°C to 60°C
Frequency (for AC connection)	50/60 Hz

For improving the product quality technical specifications may change without previous notification.

The figures in this manual are schematic and may not match the product completely.

The values stated on the product labels or in the accompanying documentation have been obtained in the laboratory conditions and in accordance with the relevant standards. Depending on the working conditions and environmental conditions, these values may be different.

3 SAFETY WARNINGS

This section contains safety instructions that will help you to protect yourself from the risk of injury or property damage. Failure to follow these instructions will invalidate all warranties.

Do not use the barrier, if you have not read and understood the operating instructions before.

Before the first use of the barrier, make sure that all the parts listed in these instructions are contained.

For the supply of the barrier, only plugs and batteries supplied by the manufacturer of the barrier are used. Any replacement of batteries and connectors may affect the loss of warranty.

Ignoring usage instructions or improper installation and improper use of the barrier may result in damage to the same or to the injuries of the user. Instructions for use should always be at your fingertips.

Never touch the inner parts of the product with wet hands.

The device must be exclusively installed on hard, flat and concrete floor.

The device must be disconnected from power supply during installation, maintenance, cleaning and repairs.

Leave the barrier repairs to a specialist. Due to improper repairs, there may be an accident or a malfunction in the unit.

The warranty does not cover consumable parts of the device, fading or color loss, increased noise because of aging of the device and other aesthetic effects that do not affect its functionality or safety.

Never use chemical solvent on the product. They bring danger of explosion.

Strictly follow the instructions for proper installation and connection to the electrical network.

Warranty document can be found on the following link – [Parklio.com/parklio-warranty](https://parklio.com/parklio-warranty)

THE APPLIANCE HAS BEEN ESTABLISHED ACCORDING TO ALL VALUENT SAFETY CRITERIA AND STANDARDS. HOWEVER, WE RECOMMEND THAT WITHOUT THE NEEDED HELP AND SUPERVISION, CHILDREN BY 8 YEARS, A PERSON OF DISABLED PHYSICAL, MOTOR OR PERSONAL EQUALITY AND RELATED PERSONS WITHOUT A PREVIOUS EXPERIENCE OR KNOWLEDGE DO NOT USE THE BARRIER. EXCEPTION IS THE DEVICE USAGE UNDER ADEQUATE SUPERVISION, IF THEY HAVE RECEIVED SAFETY INSTRUCTIONS, OR IF THEY ARE INFORMED ABOUT DANGER CAUSED BY IMPROPER USAGE. THE SAME RECOMMENDATION IS FOR JUVENILES AND THEIR USAGE OF THE DEVICE.

DO NOT ALLOW CHILDREN TO PLAY WITH THE BARRIER. STOP CHILDREN. ALSO, DO NOT LET CHILDREN CLEAN THE APPLIANCE OR MAINTAINING IT WITHOUT ADEQUATE SUPERVISION.

4 INSTALLATION AND CONNECTION

4.1 OPENING THE BARRIER

The barrier is shipped sealed and locked.

After opening the packaging, the barrier should be pulled out and placed on the floor. The supplied key needs to be inserted into the barrier keyhole and turned in any direction at 45° angle. After the key is turned vertical pressure should be applied on the barrier.



Figure 8 – Applying vertical pressure on the barrier

When sufficient force is supplied the keylock will pop-out like shown on the Figure 9.

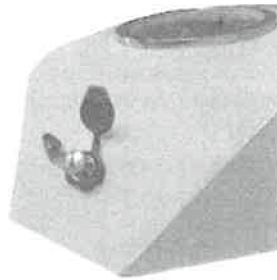


Figure 9 - Keylock popped out

After the keylock is popped out, the barrier cover (Section 1.1, – Part 3) can be removed.

4.2 CHECKING PARTS

After unlocking the barrier check that all the necessary parts are delivered.

The original packaging should include following items:

- 1) Parklio barrier
- 2) Power adapter (charger)
- 3) Anchor x 4
- 4) Plastic plug x 2
- 5) Electronic box (Battery)
- 6) Key x 2

4.3 CHOOSING INSTALLATION SPOT

The floor on which the barrier stands must have a concrete flat base.

4.4 POSITIONING THE BARRIER

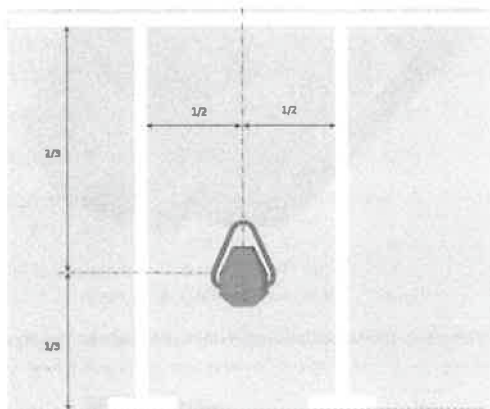


Figure 10 – Positioning the barrier

The above illustration shows only a proposal for setting the barrier and does not condition the user setup.

4.5 THE BARRIER INSTALLATION

For the barrier installation, the user will need an electrical drill with $\varnothing 10$ auger, hammer, size 13 socket wrench, and 4 $\varnothing 10$ anchors that come with the barrier package.

Step 1 - MARKING THE DRILLING SPOTS:

It is recommended that the user marks the spots that need to be drilled. It is advisable to use the lower part of the barrier as a template.

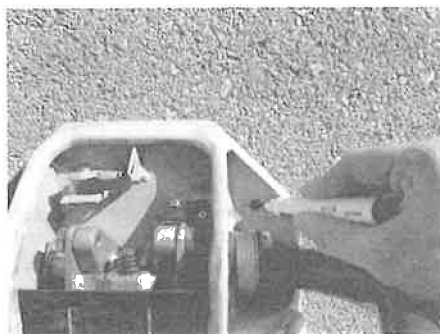


Figure 11 - Marking the drilling spots

Step 2 - DRILLING THE MARKED SPOTS:

Next step is to drill the previously marked spots and remove eventual dust that from the barrier.

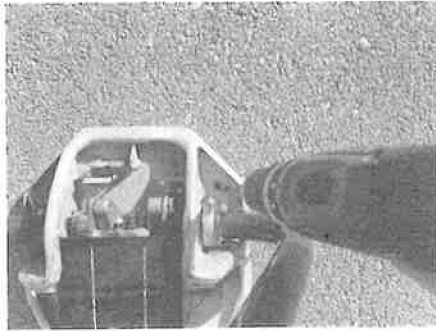


Figure 12 - Drilling marked spots

Step 3 - ANCHORS PLACEMENT:

Barrier housing should be placed over the drilled holes so that the drilled holes in the ground coincide with the holes on the barrier. After that, anchors should be placed in the holes and nudged with a hammer.



Figure 13 - Anchors placement

Step 4 – BARRIER FIXING:

The barrier is fixed to the ground by tightening the anchors with the socket wrench.

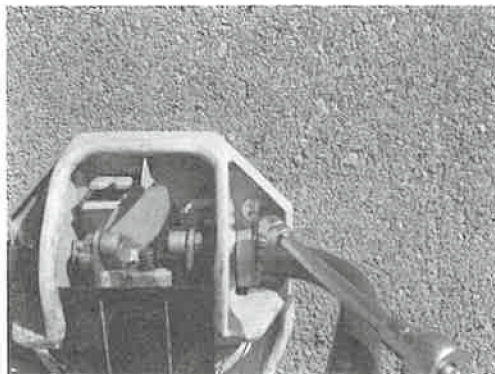


Figure 14 - Barrier fixing

Step 5 - PLACING THE PLUGS:

With the supplied plugs, holes on the back of the barrier (Section 1.2 – Part 6) need to be closed.



Figure 15 - Placing the plugs

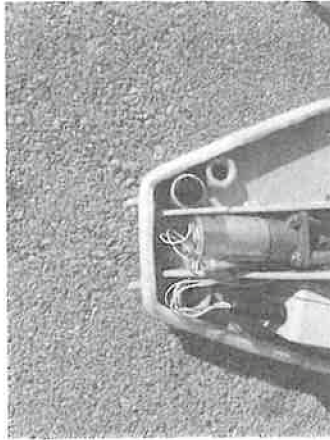


Figure 16 – Placed plugs

5 PUTTING THE BARRIER IN OPERATION

Step 1 – POWERING UP THE BARRIER:

To power up the barrier the user needs to connect the motor plug (Section 1.2 – Part 5) to the “Motor” socket (Section 1.2 – Part 8) and tightly screw the connector.



Figure 17 - Connecting the motor plug to the electronic box

Step 2 - CLOSING THE BARRIER:

Barrier cover should be placed over the housing so that the pins on the back of the barrier housing (Section 5 – Figure 18/Part1) pass through the holes on the cover of the barrier (Section 5 – Figure 18/Part2).

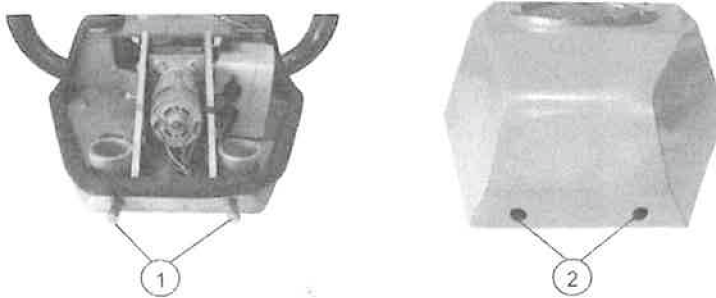


Figure 18 - Housing pins and cover holes

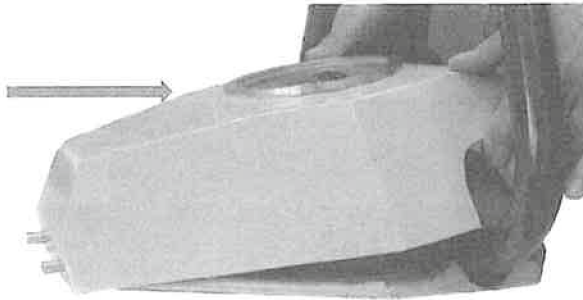


Figure 19 - Hooking the cover on the pins

After the barrier cover has been attached to the pins correctly, barrier cover should be pulled horizontally towards the user so that the pins on the housing go through the cover of the barrier.

Step 3 - LOCKING THE BARRIER:

Keylock will be in popped out state like shown on the figure 20.

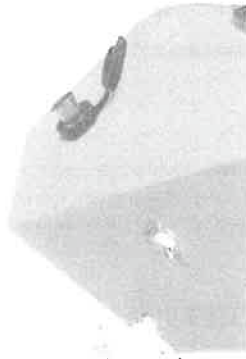


Figure 20 - Keylock popped out state

Vertical pressure should be applied on the barrier cover and keylock pressed simultaneously like shown on the figure 21.



Figure 21 - Vertical pressure and keylock pressing

If the barrier is successfully closed, the keylock should be in the state like shown on the Figure 22.

6 CLEANING AND MAINTENANCE

Disconnect the power supply before cleaning the barrier.

Children should not clean and maintain the barrier without proper supervision.

6.1 CLEANING THE BARRIER INTERIOR

Cleaning the interior of the barrier should only be carried out with a dry cloth. All moving mechanical parts, which are oiled or greased for normal operation, should not be touched and wiped.

Wipe the rubber gasket every time you open and clean the barrier. With that process, you extend the lifespan of the gasket.

6.2 CLEANING THE BARRIER EXTERIOR

Wash the outer casing of the barrier with liquid water, and in the case of stubborn stains or deposits, detergent may be used, but without abrasive properties. It is also necessary to remove all obstacles around and from the barrier that may be an obstacle to normal barrier activity (eg. clumps of leaves).

7 DISPOSAL OF EQUIPPED DEVICE

For the packaging of our products, we use environmentally friendly materials that can be recycled, deposited or destroyed without any hazard to the environment. For this purpose, the packaging materials are appropriately labelled.

The symbol on the product or on its packaging signifies that this device should not be handled like ordinary household waste. Take this product to a suitable collection point for the electrical and electronic equipment recycling.

Take out the battery from the worn and outdated barrier and wipe it out at a suitable place.

This article will help you prevent possible negative consequences and impacts on the environment and human health that could occur in the event of improper removal of the product. For more detailed information on removing and processing the appliance, contact your local waste disposal service, utility company, or the store where you purchased the appliance.

Disclaimer: *do not use your smartphone and Parklio application while driving*