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USER MANUAL

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1. IMPORTANT PRECAUTIONS

The Scooter can only be driven by one person.

The maximum load is 181 kg.

Turn off the ignition key before getting on or off the scooter.

Always drive carefully and pay attention to other users in the area.

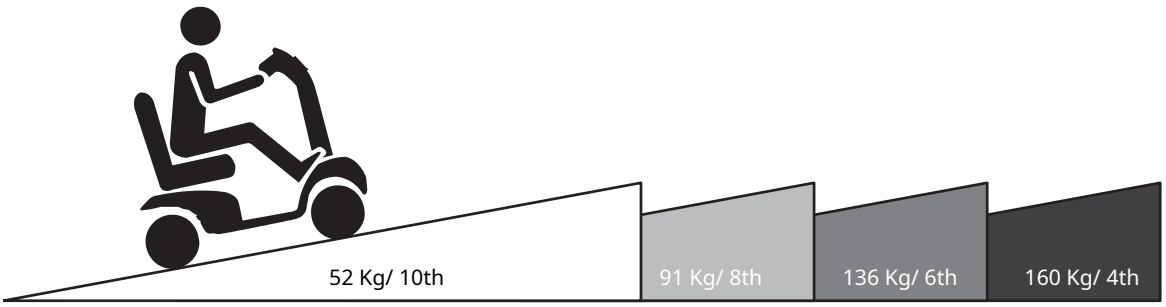
Use pedestrian crossings whenever possible. Take extreme care when crossing roads.

Do not drive on slopes greater than 10 degrees, and take extreme care when turning on slopes.

Do not go at maximum speed in tight curves.

Be extremely careful and drive at low speed in reverse, when going down a slope or on rough terrain and when climbing curbs.

Use the lowest speed when driving on a slope or on uneven terrain.



The degree of incline is affected by the weight capacity, speed, grade, and parameters of the scooter.

To avoid engine damage, do not drive on long slopes or uneven terrain.

Always go at low speed when going up, down or across a slope or slope and also on uneven ground, ramps or soft or loose ground, such as gravel or grass.

To avoid accidents, do not drive at high speed when going up or down a slope.

The Scooter does not operate well in high humidity.

Never leave the scooter running exposed to a storm.

Never use the scooter in heavy rain.

Direct exposure to rain or humidity will cause mechanical and electrical breakdowns; It can also cause premature rusting of the scooter.

Never put the Scooter in neutral on slopes.

When driving outdoors, respect the highway code.

Do not sit on the Scooter when traveling in transport vehicles.

2. ELECTROMAGNETIC INTERFERENCE (EMI)

CAUTION: It is very important to read this information about the possible effects of electromagnetic interference on your Motorized Scooter.

Electric wheelchairs and motorized scooters may be susceptible to electromagnetic interference (EMI), electromagnetic energy emitted by sources such as radio stations, TV stations, amateur radio transmitters (HAM), transceivers and mobile phones. Interference (radio waves) can cause the brakes to malfunction, the scooter to move on its own or in an uncontrolled manner. They can also damage the scooter's control system permanently. The intensity of unwanted EM energy can be measured in volts per meter (V/m). The motor scooter can resist certain intensity of EMI. This is what is called "immunity level." The higher the level of immunity, the greater the protection. Current technology can achieve at least an immunity level of 20 V/m, offering valid protection against the most common sources of EMI. The immunity level of this Scooter model is 20 V/m. In the everyday environment there are a number of sources of relatively intense electromagnetic fields. Some of these sources are obvious and easy to avoid. Others are not apparent and your exposure to them is inevitable. However, we believe that by taking the precautions listed below, the EMI risk will be minimized.

Radiated EMI sources can be classified into 3 types:

1. Portable transceivers (transmitter-receivers) with antenna mounted directly on the transmission unit. Examples: CB radios, walkie-talkies, security transceivers, fire and police sirens, mobile phones and other personal communication devices.

Some mobile phones and similar devices transmit signals when connected, even if they are not in use.

2. Medium range mobile transceivers, such as those used in police cars, fire trucks, ambulances and taxis. They typically have the antenna mounted on the outside of the vehicle; and

3. Long-range transmitters and transceivers such as broadcast stations

(radio and TV antennas) and amateur radio (HAM).

As far as we know, other types of portable devices such as cordless phones, laptops, AM/FM radios, televisions, CD players, small appliances such as shavers and hair dryers will not cause EMI problems on your Scooter.

Electromagnetic Interference from Motorized Scooter Scooter

Since EM energy becomes more intense as we approach the transmitting antenna (source), EM fields from radio wave sources (transceivers) are of particular concern. We may inadvertently put the scooter's control system in contact with high levels of electromagnetic energy while using these devices. This could affect the movement and braking of the Scooter. Therefore, the following precautions must be taken into account to avoid possible interference with the control system of the motor scooter.

Warnings:

Electromagnetic interference (EMI), emitted by sources such as radio stations, TV stations, amateur radio transmitters (HAM), transceivers and mobile phones can affect motorized scooters. Taking the precautions listed below can reduce the possibility of brake malfunctions or uncontrolled movements that could cause serious injury.

1. Do not use portable transceivers, such as CB radios, or use personal communication devices such as mobile phones, while the motorized scooter is on;

2. Be aware of nearby transmitters, such as radio or TV stations, and avoid approaching them;

3. If uncontrolled movement occurs or the brake is released, turn off the Scooter as soon as it is safe to do so;

4. Keep in mind that adding accessories or components, or modifying the scooter, can make it more vulnerable to EMI.

3. IDENTIFICATION OF PARTS

Before riding the Scooter, it is important to familiarize yourself with the controls and how they work.

BATTERY INDICATOR

<table>
<tr><td>Display ability</td><td>
<table>
<tr><th>LED</th><th>D1</th><th>D2</th><th>D3</th><th>D4</th><th>D5</th><th>D6</th><th>D7</th><th>Ability battery%</th></tr>
<tr><td>7</td><td>☆</td><td>☆</td><td>☆</td><td>☆</td><td>☆</td><td>☆</td><td>☆</td><td>> 80</td></tr>
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<tr><td>4</td><td>☆</td><td>☆</td><td>☆</td><td>☆</td><td></td><td></td><td></td><td><50</td></tr>
<tr><td>3</td><td>☆</td><td>☆</td><td>☆</td><td></td><td></td><td></td><td></td><td><35</td></tr>
<tr><td>2</td><td>☆</td><td>☆</td><td></td><td></td><td></td><td></td><td></td><td><25</td></tr>
<tr><td>1</td><td>☆</td><td></td><td></td><td></td><td></td><td></td><td></td><td><20</td></tr>
</table>
D1, D2: red LED
D3, D4: amber LED
D5, D6, D7: Green LED
</td></tr>
<tr><td>Characteristic functioning</td><td>The LED lights will gradually dim while driving.</td></tr>
<tr><td>Condition of use</td><td>(1) When turning off the power.
(2) During charging, the function will be turned off.</td></tr>
</table>

LOW VOLTAGE ALARM

Feature of functioning	When the battery capacity is below 25%, the alarm will sound when you turn on the Scooter with 2 short beeps, 3 times (Be Be-Be Be-Be Be).
Observation	It can be set to On or Off.

ALARM SETTING

Characteristic functioning	Turn, stop, low voltage and reverse alarm can be set to On or Off
Description of the steps for adjustment of the volume	1.Check that the Scooter is turned off. 2.Press the right and left turn signal buttons at the same time. 3.Turn on the Scooter. 4.After 2 seconds, the LED (D7) flashes to indicate the start of the adjustment; If the buttons are held down for 10 seconds (right and left flashing), the adjustment mode will automatically exit. 5.Press the volume adjustment button (Stop warning light) to enter the volume adjustment mode and adjust the volume. 6.Wait 10 seconds without doing anything or press the right and left turn signal buttons at the same time for 2 seconds to return to normal operating mode.

SOUND ADJUSTMENT

Function	Volume button	volume adjustment
Reverse warning sound	Headlight button	Flash
Turn warning sound	Left turn signal button. or right	Off
Stop warning sound	Stop warning button	Low
Low voltage warning sound	High/Low button	Half
Horn volume	Horn button	High
PS: Press the Volume button (e.g. Stop Warning, Stop) to enter the volume adjustment mode; The volume LEDs and the sound signal will appear; Press the button again and the volume and LED will gradually decrease by pressing the button once. High >> Medium >> Low >> Minimum >> Off		

4. CHARGING THE BATTERIES

The batteries must be charged before using the scooter for the first time and must be recharged after daily use. For this you will need a battery charger.

1. Insert the charger cable into the charger socket.

2. Plug the other end of the charger cable into an electrical outlet.

3. Connect the power. Normally, the (Power) LED will illuminate.

4. Charging begins. During charging, the LED (Charge) will be orange; When it turns green, charging is complete.

5. LED Color

• LED (ON) - GREEN LIGHT: Connected.

• LED (CHARGING) – ORANGE LIGHT: Charging / GREEN LIGHT: Charging completed

6. Charger Troubleshooting

If the LED does not light up (ON)

- Check that the input voltage (115V/230V) is correct.
- If it does not turn on, check and repair the battery charger.

If the LED (CHARGE) is off

- Check that the connection is correct.
- If the battery is charged, the LED (CHARGE) will turn off.
- If it does not turn off, the battery may be damaged.

If the ORANGE light does not change to GREEN

- The battery cannot be charged. Check and repair it.

If the ORANGE light changes to GREEN immediately

- Check if the battery is charged. Otherwise, the battery may be damaged. Check and repair it.

The time required for charging will depend on the depletion of the batteries. Charging longer than necessary will not damage the batteries.

Fully charge the batteries at least once a month, or more if you use the scooter regularly.

Charge them after a trip of more than 3 kilometers.

If you store the scooter for a period of time (1 month or more), check that the batteries are charged and charge them again before reusing the scooter.

The batteries will perform at their peak after the scooter has been used and the batteries recharged up to 10 times. It is a process similar to breaking in a car.

Please note that the range of your mobility scooter is affected by how quickly the batteries discharge. This will depend on many circumstances, such as ambient temperature, condition of the road surface, tire pressure, driver's weight, driving environment (hills, etc.) and use of the lighting system, if equipped. For greater safety we recommend that you check the local tour with a family member.

5. DISASSEMBLY OF THE SCOOTER

Basket disassembly

Lift the basket up.

Seat disassembly

Raise the lever and seat up.

Disassembling the batteries

Remove the battery straps and disconnect the battery connectors to remove them.

Be careful when removing the batteries because they are heavy.

Do not touch the battery terminals with metal objects to avoid risks.

6. ASSEMBLY OF THE SCOOTER

To assemble the scooter, you can repeat the disassembly instructions in reverse. Brief instructions are given below. See Figures on page 12 to locate parts.

1. Use the rudder trim to raise and position it.

2. Place the front basket.

3. Place the battery pack in the battery compartment.

4. Place the seat in its place and lift the lever (H) to insert the seat into its location and then rotate it to lock it in the desired position.

7. CARE AND MAINTENANCE

Scooter Cleaning:

If the scooter is dirty, use a damp cloth or a cloth lightly soaked in soap to clean it. Do not use running water to clean or rinse the scooter as this may damage the electrical parts. Shine with a liquid car polish.

Scooter Maintenance:

Maintenance and repair of the scooter can only be carried out by an authorized dealer. Periodically check the following:

- Tire pressure between 30-35 psi
- All electrical connections are firmly in place.

Scooter Storage:

When not in use, the scooter should be stored in a dry place.

Note:

Obstacle height 7 cm approx.

Width of viable hole approx. 20 cm; The scooter must move forward to overcome the gap.

- It is recommended not to overcome obstacles of more than 5 cm

When driving the scooter up a ramp, adjust the body's center of gravity for safety.

8. SCOOTER OPERATION

You can make the following adjustments to be more comfortable while driving:

- Adjust the seat position
- Adjust rudder angle
- Adjust the width of the armrest to have a comfortable position

1. Before using the scooter, take the following into account:

- Freewheel lever in position
- Speed adjustment on the turtle symbol.

2. Sit on the scooter and turn on the key; The battery status indicator should indicate charged. The self-diagnosis indicator light does not have to be flashing.

3. When you rest your hands on the handlebars, the levers must be within reach. The right lever moves forward and the left lever reverses.

The scooter has an automatic braking system, when you release the controls the I-Galaxy will stop.

4. Steer the scooter by moving the handlebars in the direction you want to go.

5. Practice in a place without obstacles. Start with the lowest speed going forward and backward. As you feel confident, increase your speed.

6. If the battery indicator shows this symbol,  is that it has to recharge the scooter.

7. When you finish driving, turn off the key before getting off.

8. If you have finished driving for the day, charge the batteries.

Keep in mind:

1. Release the accelerator lever if you want to shift from forward to reverse, then press the reverse lever.

2. When cornering, turn the front wheels fully so that the rear wheels can turn better.

3. Use the scooter only where it is safe to drive.

4. Slow down when moving backwards, down a ramp, incline or curb, or over uneven surfaces.

Other operating information：

Climbing hills: You may have to use a faster speed. Shift to a slower speed on descents.

Going downhill: Proceed slowly on downhill slopes and set the speed control to the turtle symbol. The closer the speed control is to the turtle, the slower the scooter will travel. However, this scooter will not automatically accelerate on descents thanks to the automatic brake, which will activate if you try to ride too fast.

Curb Climbing: Approach the curb slowly at a right angle. A slight angle is allowed with a 4-wheel scooter. Do not try to climb curbs higher than 7 cm.

If the Self-Diagnostic Indicator Light begins to flash, identify the problem in the chart on page 16 and take appropriate action.

If the scooter breaks down and needs to be moved, get off the scooter, set the freewheel lever to N, push the scooter slowly to a safe place, and return the lever to D.

In the unlikely event of a display screen error, you will need to reset the system by turning the main power switch on and off. The display circuit is independent of the engine control system. An error in the display console does not affect the speed control of the scooter.

9. TROUBLESHOOTING

Below we give some suggestions to solve problems you may have with your scooter. There is a self-diagnosis indicator light on the Control Panel. To check it, turn on the ignition and count the number of flashes of the Indicator Light.

Sparkles	Description	Meaning
1	Low battery	The batteries are running out. Recharge the batteries
2	Low Battery Failure	The batteries are running out. . Recharge the batteries · Check the battery and corresponding connections.
The low battery fault flash code, described above, is a requirement of several safety standards. The scooter will emit a visible and audible low battery warning if the battery voltage drops below 90% of the lock voltage. The warning will consist of two short flashes and will have priority over the rest of the flash codes in the system.		

3	Battery Failure high	Battery voltage is too high. This can occur due to overloading and/or going down a very long slope. . When going downhill, reduce speed to minimize the amount of regenerative charging.
4	Disconnection by current limit or regulator too hot	The motor has exceeded its maximum current range for too long. · The scooter may have stalled. Turn off the regulator, wait a few minutes and connect again. · The engine may be damaged. Check the motor and the corresponding connections.
5	brake failure parking	Either the parking brake switch is active or the parking brake is faulty. · Check the parking brake, the corresponding connections and wiring. . Check that the associated switches are in their correct position.

6	The scooter does not keep it up	Either a Stop function is active or the charger is connected or the joystick is not in neutral at the time of ignition. · Deactivate the stop function (seat up, etc.) · Disconnect the battery charger · Make sure that the accelerator is in neutral when the control device is turned on. · The throttle may require re-calibration.
7	Failure of potentiometer speed	The throttle, potentiometer or its wiring may be damaged. . Check the throttle and potentiometer and the corresponding connections and wiring.
8	Voltage failure the motor.	The motor or its corresponding wiring is faulty. . Check the motor, connections and wiring.
9	Other bugs	The control device may have an internal fault. Check all connections and wiring.

Other problems

Low tire pressure: inflate tires to 30-35 psi.

While charging the batteries, the charger light does not turn green: Contact your authorized dealer.

The scooter does not move when the ignition key is turned on:

1. Check the Power Reserve Indicator on the control panel; It has to be illuminated with green, yellow and red areas.

2. Check the Self-Diagnosis Indicator Light: it should be solid. If it flashes, see the table above to identify the problem.

3. Check all electrical connections to ensure they are not loose.

If none of the above corrects the problem, contact an authorized dealer.

10. TECHNICAL SPECIFICATIONS

Total length	1380mm
Torsional width	680mm
Total height	1260mm
Front wheel	330mm
rear wheel	330mm
Weight with battery	117kg
Maximum speed	15km/h
Maximum supported weight	180kg
Ground clearance	165mm
Rising security level	10 degrees up to 100 kg.
Curb Safety Climb	70mm
Turning radius	1600mm
Suspension	Front and rear
Brake	Handheld and electro-mechanical
Seat type	Swivel, movable and with backrest adjustment
Seat width	510mm
Engine size	850W, 5000rpm
Battery size	12V 75Ah (2)
Battery weight	31kg
Autonomy	35km
Battery charger	8A external
electronics	Key on/off, battery level indicator, speed control knob

APEX MEDICAL SL
c/ Elcano, 9, 6th floor
48008 Bilbao (Vizcaya)
Tel: (+34) 94.470.64.08
Fax: (+34) 94.470.64.09
info@apexmedical.es
www.apexmedicalcorp.com

EC REP
EMERGO EUROPE
Molenstraat 15
2513 BH, The Hague
The Netherlands