

OWNER'S MANUAL

Gs500

Scooter



For instructions on how to assemble this scooter for a customer, the dealer must visit the Amylior website or scan this QR code and click on Support / Support for Professionals.

SAFETY GUIDELINES

The distributor/dealer must supply a copy of this manual to the user upon delivery.

Do not operate this scooter without first reading this Owner's Manual.

Before using this scooter, the user must read, understand and follow all the instructions and suggestions in this manual in order to ensure comfort and safety.

If instructions and warnings are not understood, the user must contact the distributor/dealer or a qualified technician before operating this scooter.

Failure to do the above, may result in damage and/or injury.

WARNING



These warnings must be followed, failure to do so may cause personal injury or may damage the scooter.

PROHIBITED!



Prohibited actions must never be performed.
Performing an action that is prohibited can cause personal injury or may damage the scooter.

EMI



Electromagnetic interference (EMI) is an electrical "noise" caused by electric motors, machines, generators, and other equipment that interferes with the integrity of data being processed in nearby computers or passing through transmission lines.

NOTE - Notes are informative statements to help further explain actions, warnings or product detail.

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1. GENERAL INFORMATION

This Owner's Manual is an integral part of the delivery of the **Gs500 Scooter**. The user should have it readily available at all times. It must be kept with the scooter, should the scooter be transferred to another user.

The manufacturer reserves the right to make changes relative to the details included in this manual. They may be modified to reflect technical improvements made. This document cannot be reprinted, translated and/or duplicated in any form whatsoever, even in part, unless prior written consent from the manufacturer. Any modifications to this Owner's Manual will not be communicated. A current version is available upon request.

2. INSTRUCTIONS AND USE

The **Gs500 Scooter** is designed for people with reduced mobility. The maximum weight limit of **400 lb (180 kg)** must not be exceeded.



BEFORE USING YOUR SCOOTER

- The dealer must supply you with instructions for use and the safety guidelines.
- Before getting onto your scooter, the key must always be in the off position and the brake must be engaged.
- Adjust your seat to the forward-facing position and flip the armrest up to slide into the seat. Lower the armrest once seated.
- Adjust the tiller to a comfortable position.
- Use caution when getting off your scooter. Always turn off the key engage the brake prior.
- Respect the **400 lb (180 kg)** weight limit for your scooter. This includes objects that you transport and carry with you.
- Refrain from using your cellular phone while using your scooter. Turn your cellular phone off to charge it in the USB port.

3. SAFETY GUIDELINES

If there is information in this manual that you do not understand or if you need assistance to use your scooter, please contact your dealer or qualified technician before operating this scooter. Failure to follow the instructions and procedures can cause either personal injury, component damage or malfunction. Amylior disclaims all liability for injury or damage resulting in an improper use.



CAUTION : READ and FOLLOW instructions, warnings

and notes in this manual before using your Gs500 scooter.

- An authorized dealer of **Amylior** products must deliver this product and follow all procedures contained in this manual.
- **DO NOT** transport passengers under any circumstances.
- **DO NOT** turn at high speeds.
- **ALWAYS** keep weight centered on the scooter to avoid tipping.
- **DO NOT** back up onto an incline or on uneven terrain. Always approach an obstacle or incline head-on.
- **DO NOT** use your scooter on stairs or escalators. Use an elevator or ramp with a recommended gradient. Maximum recommended incline is 6 degrees.
- **ALWAYS** lower your speed when driving down an incline.
- **ALWAYS** ensure your seat is facing forward and is properly affixed to your scooter prior to use.
- **DO NOT** climb inclines or obstacles that do not respect the safe capacity of your scooter.
- **NEVER** remain seated in your scooter during transportation in a vehicle or in accessible transportation.
- **ALWAYS** anchor your scooter with certified attachments during transportation.
- **ALWAYS** inspect your scooter before each use (p.2). If you detect any issue, you should refrain from use and contact your dealer.
- **ALWAYS** respect pedestrian rules and any other regulations in your area when using your scooter.
- **DO NOT** drive on roads. As a pedestrian, you are permitted to use an intersection to cross the road.
- **DO NOT** use on icy surfaces or in other slippery conditions.
- **DO NOT** use your scooter under the influence of alcohol, drugs or medications.
- **DO NOT** jump the sidewalk or navigate stairs with your scooter.
- **CAUTION!** Be carefull when navigating surfaces such as grass, gravel, balconies or elevated surfaces without railings.

4. EMI (ELECTROMAGNETIC INTERFERENCE)

 **WARNING** - Read all warnings to reduce the risk of unintended

brake release or scooter movement:

1. Beware of the danger from hand-held transceivers. Never turn on or use a hand-held transceiver while power to your scooter is on. Use extra care if you believe that such a device may be in use near your scooter.
2. Be aware of nearby radio or TV stations and avoid coming close to them.
3. If unintended movement occurs, turn your scooter off as soon as it is safe to do so.

 **WARNING**

A. WHAT IS EMI?

1. EMI means: electromagnetic (EM) interference (I). EMI comes from radio wave sources such as radio transmitters and transceivers. (A "transceiver" is a device that both sends and receives radio wave signals).
2. There are a number of sources of intense EMI in your daily environment. Some of these are obvious and easy to avoid. Others are not, and you may not be able to avoid them.
3. Scooters may be susceptible to electromagnetic interference (EMI) emitted from sources such as radio stations, TV stations, amateur radio (HAM) transmitters, two-way radios, and cellular phones.
4. EMI can also be produced by conducted sources or electrostatic discharge (ESD).

 **WARNING**

B. WHAT EFFECT CAN EMI HAVE?

1. EMI can cause your scooter, without warning, to:

- Release its brakes
- Move by itself
- Move in unintended directions

If any of these occurs, it could result in severe injury to you or others.

2. EMI can damage the control system of your scooter. This could create a safety hazard, and lead to costly repairs.

 **WARNING**

C. SOURCES OF EMI

The sources of EMI fall into three broad types:

1. **Hand-held transceivers:** The antenna is usually mounted directly on the unit. These include:
 - Citizens band (CB) radios
 - "Walkie-talkies"
 - Security, fire and police radios
 - Cellular phones
 - Laptop computers with phone or fax
 - Other personal communication devices

C. SOURCES OF EMI (CONTINUED)

2. **Medium-Range Mobile Transceivers:** These include two-way radios used in police cars, fire trucks, ambulances and taxi cabs. The antenna is usually mounted on the outside of the vehicle.

NOTE - These devices can transmit signals while they are on, even if they are not in use.

3. **Long-Range Transceivers:** These include commercial radio and TV broadcast antenna towers and amateur (HAM) radios.

NOTE - The following are not likely to cause EMI problems:

- Laptop computers (without phone or fax),
- Cordless phones,
- TV sets or AM/FM radios,
- CD or tape players.

WARNING

D. DISTANCE FROM THE SOURCE

EM energy rapidly becomes more intense as you get closer to the source. For this reason, EMI from hand-held devices are of special concern (see C.1 (portable transceiver) from the previous section for more information). A person using one of these devices can bring high levels of EM energy very close to your scooter without you knowing it.

WARNING

E. IMMUNITY LEVEL

1. The level of EM is measured in volts per meter (V/m). Every scooter can resist EMI up to a certain level. This is called its "immunity level".
2. The higher the immunity level, the less the risk of EMI. It is believed that a 20 V/m immunity level will protect the scooter user from the more common sources of radio waves. This product respects that immunity level.

NOTE - There is no way to know the effect on EMI if you add accessories or modify this scooter. Any change to your scooter may increase the risk of EMI. Parts not specifically tested or parts from other suppliers have unknown EMI properties.

WARNING

F. REPORT ALL SUSPECTED EMI INCIDENTS

You should promptly report any unintended movement or brake release. Be sure to indicate whether there was a radio wave source near your scooter at the time.

Contact: Amylior customer service department at: +1 450 424-0288

WARNING

G. EMI FROM SCOOTER

Electromagnetic field emitted by electronics component included in this scooter may interfere with other electronic devices emitting similar field, such as shopping mall alarm systems.

5. G5500 PARTS

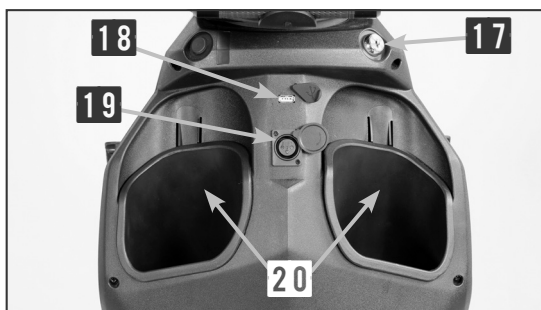
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|--|--------------------------------|
| 1 - Removable, collapsible basket | 7 - Adjustable armrest |
| 2 - Rear-view mirrors | 8 - Brake lever |
| 3 - Control panel with LCD screen | 9 - Battery rack |
| 4 - Adjustable tiller | 10 - Non-slip rubber floor mat |
| 5 - Folding backrest | |
| 6 - High back captain seat with headrest | |



6. TECHNICAL SPECIFICATIONS

G5500 Scooter	
SPECIFICATIONS	
Weight capacity	400 lb (180 kg)
Maximum Speed	9 mph (14.5 km/h)
Operating Range	20.5 miles (33 km)
Ground Clearance to Center Deck	7.5" (190 mm)
Ground Clearance to Transaxle/ Motor	5.5" (140 mm)
Turning Radius	78" (1980 mm)
Types of batteries	2 x Gr. 24 – 75 Ah
Colors	Cabernet or Matte Blue
Charger	8 A, off board
Controller	140 A
DIMENSIONS	
Length	56" (1320 mm)
Width	27.5" (700 mm)
Height (ground to top of back of seat)	46" (1170 mm)
Ground to top of Deck Height	8" (205 mm)
Deck to Top of Seat Height	18" (460 mm)
Front Axle to Rear Axle	39" (990 mm)
WEIGHTS	
Batteries	49.2 lb (22.3 kg)
TIRES	
Front	13" (330 mm)
Rear	13" (330 mm)

7. CONTROL PANEL



- | | |
|--|------------------------------------|
| 1 - Speedometer | 12 - Light controls |
| 2 - Settings management | 13 - Tiller angle adjustment lever |
| 3 - Right flasher | 14 - Left flasher |
| 4 - Emergency flashers | 15 - Hi/Low function |
| 5 - Brake handle | 16 - Battery meter |
| 6 - Throttle control lever « Forward » | 17 - Key switch (On/Off) |
| 7 - Control panel angle adjustment lever | 18 - USB port |
| 8 - Speed adjustment buttons | 19 - Charging port |
| 9 - Horn buttons | 20 - Cup holders |
| 10 - Bluetooth sound bar | 21 - Cell phone holder |
| 11 - Throttle control lever « Backward » | |

Battery Meter

- This gauge is to help you evaluate the battery power remaining for your scooter.



Speedometer

- The speedometer helps you assess the speed of your scooter.
- **Turtle** = minimum speed
- **Rabbit** = maximum speed



Speed Adjustment

- Adjust the speed of your scooter by pressing the Turtle button to decrease speed or the Rabbit button to increase speed.
- It is recommended to select a speed setting at which you are comfortable, safe and in control, depending on your current situation and conditions.

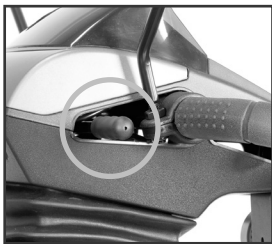
Settings Management

The MODE button can change the following settings:

- Speed (MPH or KM/H)
- Distance (M or KM)
- Temperature (°F or °C)
- Time

Changing Speed, Distance, and Temperature settings:

- Push the MODE button until the desired setting flashes.
- Push the H/L button until the desired value is obtained.
- Push the SET button to save your change.

Setting Management (cont'd)	Changing Time settings: • Push the MODE button until the time setting flashes. • Push the H/L button to choose time format (12h or 24h). • Push Left Flasher to change hours. • Push Right Flasher to change minutes. • Push the SET button to save your change.
Horn Buttons	• To sound the horn: Press the trumpet buttons.
Throttle Control Levers	• Your dealer can reverse the controls depending on your personal needs. • Before moving forward or backing up, first make sure you are seated properly on the scooter. • To move forward: Pull the "Forward" lever toward you with your right hand or push the lever up with your left thumb. • To move in reverse: Pull the "Backward" lever toward you with your left hand or push the lever up with your right thumb.
Tiller Angle Adjustment Lever	• Use the lever to adjust the angle of the tiller closer or further back for your comfort. 

Control Panel Adjustment Lever	• Once the tiller angle is adjusted, adjust the angle of the control panel so it is easy for you to see it and access the controls.  
Key Switch (On/Off)	• Your scooter requires a key to function. • Always keep the second key in a safe place. • To start: Insert the key then turn the key clockwise 90°. The battery meter will light up. • To shut down the unit: Turn the key counter clockwise to the vertical position. 
High/Low Function	• Your scooter is equipped with a "High/Low" function. • "Low" for slower speeds, conserves your battery charge and provides more torque. • "High" gives a quick burst of speed when needed but provides less torque.

Charging and USB Ports

- The charging port and USB port are in the middle upper section of the tiller.
- The USB port can be used to charge devices using a USB charging cable.



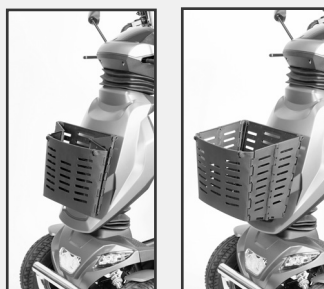
Cup Holders:

- Two (2) cup holders are available.
- They are removable for easier cleaning.



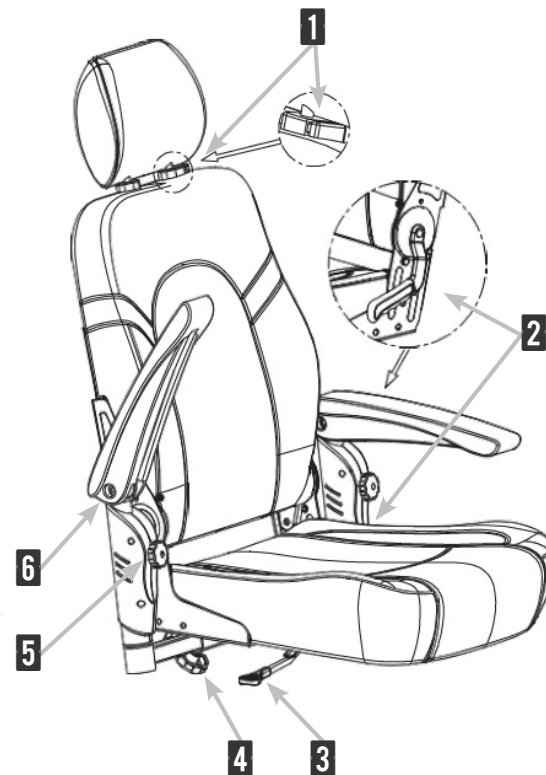
Collapsible and Removable Basket

- The basket can be adjusted or removed according to your needs.



8. SEAT ADJUSTMENT

1. To adjust the height or to remove the headrest, push the button on the top of the backrest, just below the headrest.
2. To recline, pull the lever upward and push back on the seat. Let go of the lever at the desired recline. To bring the backrest back up, pull the lever upward and remove pressure from the backrest. Chairback will come up. Let go of the lever at the desired adjustment.
3. The seat can be rotated 360° and locked at any 45-degree increment position. To adjust, push down the lever below the seat and rotate the seat to the desired position. Release the lever to lock the seat in any 45-degree position. Rotate side to side until it is locked.
4. To adjust the width between the armrests, turn the knob below the backrest to the left or right. Be sure to re-tighten the knob afterwards to secure the armrests into position.
5. To adjust the height of the armrest, turn the adjustment knob until the desired height is reached.
6. To adjust the angle of the armrest, turn the screw located at the back outside of the armrest until you reach the desired angle.



9. PARK BRAKE

Your scooter is equipped with an electromagnetic park brake on the base toward the back.

1. To use your scooter, the lever must be engaged in the Drive position "D".
2. To move your scooter without using battery power, disengage the lever in the neutral position "N".
3. Once in the "N" position, push the scooter slowly. Pushing too quickly will activate a slowing mechanism and will make it difficult to push.



WARNING

- Do not sit on the scooter if the brake lever is in the "N" or neutral position.
- Always ensure the brake lever is in the "D" position before inserting the key to use your scooter.
- Never disengage the brake lever while driving.

10. REUSE BY THIRD PARTIES

If you transfer your scooter to a new user, please remember also to hand over all the technical documentation needed to ensure safe operation. In accordance with specifications, the Gs500 Scooter must first be inspected, cleaned and returned to pristine condition by the provider or health care professional.

11. CARE AND MAINTENANCE

CLEANING YOUR SCOOTER

TIRES

- Clean the tires with ordinary kitchen-type cleaners/mild soap and a damp cloth.
- Do not use solvents on tires. These can cause the tire material to break down or become too soft.

BODY

- Use damp cloth with mild soap or detergent to remove dirt and oil.
- Use a clean soft cloth to dry and buff.
- Do not use a hose or pressure washer to wash your scooter.

SEAT AND FLOOR MAT

- Clean with a mild soap or mild detergent and a damp cloth (a vinyl cleaner may also be used) and wipe with soft dry cloth.

BATTERIES

Battery maintenance is a crucial part of keeping your scooter in good working condition.

- Plug in the off-board charger after each use for 6-8 hours. For best results charge your batteries overnight after a day of use.
- If you do not plan to use the scooter for more than a week, fully charge the batteries and then remove the battery packs from the scooter.

IMPORTANT: New batteries should be fully charged before use. A 12-hour charge will provide maximum performance.

TIPS TO MAXIMIZE BATTERY LIFE:

- Use only the automatic off-board charger supplied for all routine charging.
- Do not use any other types of chargers.
- Avoid deep discharges and do not let the batteries drain completely.
- Do not leave batteries in a low state of charge for extended periods.
- Charge a discharged battery as soon as possible.
- Fully recharge batteries regularly.
- Always store batteries fully charged.
- Check stored batteries once a month and recharge as necessary.

BATTERIES (CONTINUED)
TO CHARGE THE BATTERIES:

- The charger for your **Gs500** scooter is an off-board charger.
- To charge the batteries, plug the charger into the charger port on the side of the console or directly on the battery pack.
- When the batteries are fully charged, disconnect the charger power cord from the wall outlet and from the charging port.

NOTE: *Your scooter will not move while the charger remains connected.*

BATTERY MAINTENANCE:
 WARNING

- This scooter uses only deep cycle AGM-type batteries. The use of any other type of batteries can cause an electrical overload or a spark that may cause an explosion and/or a fire resulting in severe injury or death.
- These batteries are maintenance-free.
- There is no risk of spillage or leakage and these batteries can be safely transported on planes, buses and trains.

TO REPLACE THE BATTERIES

To prevent any risk of injury, your Amylior authorised dealer must replace the batteries.

MAIN CIRCUIT BREAKER

There is a main circuit breaker that may be tripped under situations where there is a heavy current draw. The main circuit breaker reset button is located on the battery pack. If pressing the reset button does not rectify the issue, contact your authorized **Amylior** dealer. If the main circuit breaker continues to trip, there may be an electrical issue that needs to be addressed.

DO NOT attempt any electrical repairs yourself.

12. DIAGNOSTICS

The microprocessor of your scooter uses flashes and beeps to alert and inform you of any faults or conditions. The diagnostic is based on the number of beeps as indicated in the following table. In addition, the parking lights flash and the wrench icon on the LCD screen flashes. If possible, review the information below before contacting your **Amylior** authorized dealer. If you do, please have your scooter's serial number in hand. It is located under the floor mat.

1 BEEP	2 BEEPS
• Indicates the battery voltage is below the required operating voltage of the scooter. • Your scooter will continue to function at reduced speeds. As the voltage drops you will eventually experience a power loss. • Fix this by charging your scooter's batteries.	• Indicate the battery voltage is too low for the scooter to operate. • At this voltage your scooter will cease operation. • Fix this by charging your scooter's batteries • If you have charged the batteries and the condition continues, one or both scooter batteries may be faulty or there may be a problem with your charger. • Consult your authorized Amylior dealer for assistance.
3 BEEPS	4 BEEPS
• Indicate to contact your authorized Amylior dealer.	• Indicate that the motor control board is overloaded and/or overheated. • This can occur if you have been driving up an incline above the recommended 6° for an extended period or if you are carrying a payload higher than the recommended weight capacity of 400 lb (180 kg). • Your scooter will not operate until the motor control board cools back to its operational temperature range. • Fix this by turning off the key switch and allowing the scooter to cool down for 10 minutes.

5 BEEPS • Indicate a brake problem. • The brake lever may be in the disengaged "N" position. • The brake or brake wiring may be damaged. • For your safety, your scooter will cease operation until the problem is rectified. • Fix this by making sure the brake lever is in the engaged "D" position. Turn the key switch to the "OFF" position to stop the beep code, engage the brake lever then turn the key back on. • If this does not resolve the issue, contact your authorized Amylior dealer.	6 BEEPS • Indicate that the throttle control lever was not in the neutral position when the key switch was turned to the "ON" position. • It is also possible the throttle control lever is out of adjustment. • Fix this by turning the key switch to the "OFF" position and make sure the throttle control lever is in the neutral position. Turn the key to the "ON" position. • If the above does not resolve the issue, contact your authorized Amylior dealer.
7 BEEPS • Indicate an issue with the throttle control lever or with the speed control. • Make sure that the throttle control lever is in the neutral position (not in the forward/backward position). • Your scooter will not operate until the issue is resolved. • Fix this by ensuring all electrical connections are properly and firmly connected. • If they connections are properly connected, and the issue remains, contact your authorized Amylior dealer.	8 BEEPS • Indicate a motor voltage problem. • Your scooter will not operate until the issue is resolved. • Contact your authorized Amylior dealer. 9 BEEPS • Indicate other internal errors or faults. • Your scooter will not operate until the issue is resolved. • Contact your authorized Amylior Inc dealer.

13. LIMITED WARRANTY

Amylior guarantees this product against defects in materials and workmanship providing the scooter was not misused or abused by the user.

Following are details regarding warranty coverage, from the date of purchase from an authorized **Amylior** dealer.

- **5-YEAR WARRANTY** – Main frame, seat post, steering structure, and fork.
- **2-YEAR WARRANTY** – Motor/transaxle assembly, electromagnetic brake, controller, charger, electrical cables, and other electronic components.
- **1-YEAR WARRANTY** – Original batteries and Bluetooth sound bar.
- **EXCLUSIONS** – Other than manufacturing defects, this warranty does not apply to parts requiring replacement for normal wear and tear such as plastic parts, motor brushes, brake pads, fuses and light bulbs, tires and inner tubes, seat, and upholstery.

The above warranty does not apply in the case of an accident, negligence, abuse or inappropriate transportation of the product. If this product is found to be defective during the warranty period, it will be replaced or repaired by **Amylior** with new or refurbished parts. This warranty does not cover freight charges for the replacement or repair of this product.

Amylior is committed to supply products that meet the highest standard of quality. This product has been built to this standard and has been carefully inspected prior to shipment. This limited warranty represents the confidence we have in the quality of our parts and labour. For any warranty service, contact the dealer or retailer that sold you this product.

If you are not satisfied, communicate with us directly. Please have readily available your scooter's model and serial number, reason for your call as well as the name of the retailer that sold you this product.

DO NOT return the product to us without prior authorization. This warranty does not cover problems caused by user abuse.

OUR MISSION

Our mission is to improve customer mobility and quality of life by developing a superior product and offering unbeatable service to meet the specific needs of users.

OUR VALUES

- **Humanity** is the heart of our company.
We have a deep respect and great compassion for human beings inside and outside our organisation. We believe in people and we are committed to help.
- **Integrity** is the foundation of our business.
We are proud to work together openly with honesty, ethics and transparency through our daily interactions with our customers, colleagues and partners. We respect employment equity where everyone can contribute their very best.
- **Innovation** is the essence of our vision.
We are continuously moving forward, learning, improving, challenging the status quo by encouraging our employees to pursue new ideas that make a difference.
- **Excellence** is the goal in our performance.
It is the main driver in achieving our objectives. We believe this excellence highlights our leadership and firm determination to provide the best solution for each customer.
- **Passion** is the source of our creativity. We share our motivation and commitment to energize, engage and inspire others. We all have a common purpose which is to provide the best customer experience and enjoy doing it.

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