X700

DELUXE

User Manual

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I. INTRODUCTION

We are proud to present the attractive & high-performance LuXe Mobility X700 DeluXe Mobility Scooter. This assistive mobility device is designed to transform lives.

Your new scooter is here to provide personal freedom, as well as convenience and comfort. It is also made to deliver high performance and many years of reliable functionality.

This manual contains important information concerning the proper maintenance and safe operation of your scooter.

Please read this manual thoroughly and carefully to become familiar with all operation instructions prior to using your LuXe Mobility X700 DeluXe. If you have any questions concerning operation or maintenance, please contact your dealer.

Your X700 DeluXe has several unique features not found on other scooters. With proper care and maintenance, you should enjoy many years of dependable service from your unit.

Your X700 DeluXe should receive regular maintenance according to the schedule outlined in this manual, and in line with any further recommendations from your authorised dealer.

By following the maintenance instructions, you will be able to take care of most of your unit’s needs. If you are unable to correct a fault in your scooter, contact your dealer for professional checking.

II. SPECIFICATIONS

PERFORMANCE DATA

Maximum Forward Speed	4mph
Maximum Reverse Speed	3mph
Maximum Climbing Grade	12 degrees
Ground Clearance	80mm
Turning Radius	1.2m
Maximum Load Capacity	19 stone
Range with Full Charge	20 miles
Braking Distance	1.5m (dry conditions)

BATTERY

Sealed Battery x 2 pcs 12V/38AH

BATTERY CHARGER

Input 110V/240VAC Output 24V DC / 5Ah

MOTOR POWER

400W

CONTROLLER

PG 70A

II. SPECIFICATIONS

BRAKING TYPE

Regenerative Braking

SPEED ADJUSTMENT

Stepless Speed System

OVERALL DIMENSIONS

1352*690*1280mm

WEIGHT

93kg (with battery)

III. FEATURES

1. Adjustable Seat Height

2. Swing-Away Armrests

3. 360 Degrees Swivel Seat with Reclining Seat Back

4. Adjustable Tiller

5. Dynamic Regenerative Braking + Failsafe Electromechanical Disc

6. Rear Wheel Direct Drive with Differential

7. External Battery Charger

8. 24-volt Permanent Magnet Heavy Duty DC Motor

9. ON/OFF Switch Lock

10. Horn

11. Head Light

III. FEATURES

12. Turning Lights

13. Rear Lights

14. Electronic Brake Release

15. Battery Charge Indicator

16. Anti-tip Safety Wheels

17. Luggage Baskets

18. Front & Rear Bumpers

19. Automatic Shut Off While Not in Use

20. Electronic High/Low Speed Switch

21. Heated Seats

22. Underbody Lights

IV. SET UP

1. Remove battery cover.

2. Place two batteries onto the battery pan and secure them.

3. Join the battery terminals with the receptacle from the controller box.

4. Join all cables with the same labeling, except the wire for turning lights.

5. Lift the rear shroud and connect the wire for the turning lights.

6. Pull seat swivel lever. Put the seat on the top of the seat post and lock the seat in position by releasing the lever.

7. Adjust the height of the seat with the bolt under the seat.

IV. SET UP

DRIVING TEST

1. Turn on the scooter by using remote control.

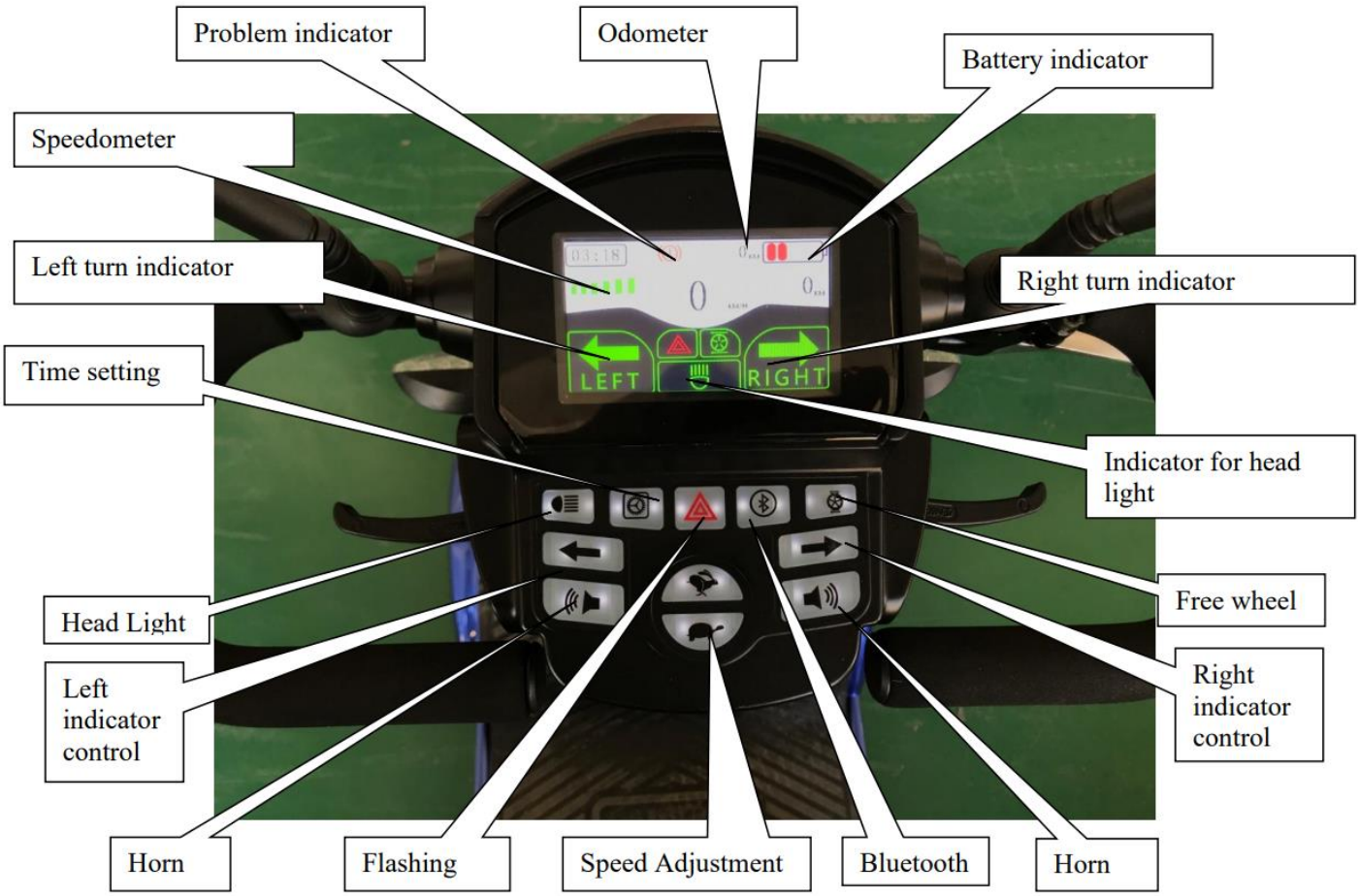
2. Check the battery charge indicator to make sure the batteries are fully charged.

3. Make sure that clutch lever is in the closed position.

4. Set the speed limit by turning the dial knob on the top of the console. Set Hi/ Lo switch to Lo position.

5. Test the scooter by moving forward, reversing, and braking, a couple of times to make sure that your scooter is in proper working condition.

IV. SET UP


Problem indicator
Odometer
Battery indicator
Speedometer
Left turn indicator
Right turn indicator
Time setting
Indicator for head light
Free wheel
Head Light
Left indicator control
Right indicator control
Horn
Flashing
Speed Adjustment
Bluetooth
Horn


Remote control keyfob
Charger socket
USB charge point

V. OPERATING YOUR X700

TURN POWER ON

Use the remote-control button on your key fob to turn on the power.

FORWARD MOTION

To move forward, pull the right side of the throttle lever under the control console toward you. The further you pull, the faster the scooter will go. The maximum speed may be selected by the speed selection switch located on the top of the control console.

REVERSE MOTION

To reverse, pull the left side of the throttle lever under the control console toward you. Reverse speed is limited to 3mph.

STOP

To stop the scooter, just release the throttle lever. The X700 will quietly come to a smooth stop and the electromechanical brake will automatically engage to hold the scooter in position on a horizontal surface or an incline of up to 12 degrees. Quick smooth stops are made possible by the dynamic braking built into the controller.

V. OPERATING YOUR X700

WARNING

The brake may not be as effective when engaged on inclines greater than 21 degrees if the occupant's weight exceeds 19 stone. If the brake fails to engage, the X700 may roll slowly on a slope. Turn off the power immediately.

MOVE MANUALLY

When in operation, the clutch release lever is in its engaged position. To move the scooter manually, release the clutch lever mounted on the gearbox under the rear shroud. Should you wish to freewheel the X700, pull the lever to its release position. Or you can press the PUSH button to release the brake. Take your finger off the PUSH button, and the brake will re-engage.

VI. SAFETY INSTRUCTIONS

The following guidelines are intended to assist you in the safe operation of your LuXe Mobility X700 DeluXe scooter. If you have any questions about the correct operation of your scooter, please contact your authorised dealer. Consult your physician if you are in serious doubt of your ability to operate the scooter effectively.

Your scooter can negotiate grass, hard dirt, compacted sand, and some gravelled surfaces as well as pavement or carpet. However, extra caution should be taken when operating your unit on uneven surfaces, or those with loose material, e.g. gravelled areas.

There are some concerns about electromagnetic interference to powered wheelchairs and scooters. You need to know what EMI (Electromagnetic Interference) is and how to prevent such incidents. The following paragraphs are intended to provide you some important information about this.

VI. SAFETY INSTRUCTIONS

CAUTION:

IT IS VERY IMPORTANT THAT YOU READ THIS INFORMATION REGARDING THE POSSIBLE EFFECTS OF ELECTROMAGNETIC INTERFERENCE ON YOUR POWERED SCOOTER.

Electromagnetic Interference (EMI) From Radio Wave Sources

Powered wheelchairs and motorised scooters (in this text, both will be referred to as mobility vehicles) may be susceptible to electromagnetic interference (EMI), which is interfering electromagnetic energy (EM) emitted from sources such as radio stations, TV stations, amateur radio (HAM) transmitters, two-way radios, and cellular phones. The interference (from radio wave sources) can cause your mobility vehicle to release its brakes, move by itself, or move in unintended directions. It can also permanently damage the mobility vehicle's control system. The intensity of the interfering EM energy can be measured in volts per meter (v/m). Each mobility vehicle can resist EMI up to certain intensity. This is called its "immunity lever." The higher the immunity level is, the greater the protection. At this time, current technology can achieve at least a 20-v/m immunity level, which would provide useful protection from the more common sources of radiated EMI. The immunity level of this powered scooter as shipped, with no further modification, is not known.

There are ample sources of relatively intense electromagnetic fields in the everyday environment. Some of these sources are obvious and easy to avoid. Others are not apparent, and exposure is unavoidable. However, we believe that by following the warnings listed below, your risk to EMI will be minimised.

VI. SAFETY INSTRUCTIONS

The sources of radiated EMI can be broadly classified into three types:

1) Hand-held portable transceivers (transmitters-receivers) with the antenna mounted directly on the transmitting unit. Examples include citizens band (CB) radios, “walkie talkie,” security, fire, and police transceivers, cellular telephones, and other personal communication devices. **Note: Some cellular telephones and similar devices transmit signals while they are ON, even when not being used

2) Medium-range mobile transceivers, such as those used in police cars, fire trucks, ambulances, and taxis. These usually have the antenna mounted on the outside of the vehicle.

3) Long-range transmitters and transceivers, such as commercial broadcast transmitters (radio and TV broadcast antenna towers) and amateur (HAM) radios.

Note: Other types of hand-held devices, such as mobile phones, laptop computers, AM/FM radios, TV sets, CD players, and cassette players, and small appliances, such as electric shavers and hair dryers, so far as we know, are not likely to cause EMI problems to your mobility vehicle.

Mobility Vehicle Electromagnetic Interference (EMI)

Because EM energy rapidly becomes more intense as one moves closer to the transmitting antenna (source), the EM fields from hand-held radio wave sources (transceivers) are of special concern. It is possible to unintentionally bring high levels of EM energy very close to the mobility vehicle’s control system while using these devices. This can affect mobility vehicle movement and braking. Therefore, the warnings listed below are recommended to prevent possible interference with the control system of your mobility vehicle.

VI. SAFETY INSTRUCTIONS

WARNINGS

Electromagnetic interference (EMI) from sources such as radio and TV stations, amateur radio (HAM) transmitters, two-way radios, and cellular phones can affect mobility vehicles. Following the warnings listed below should reduce the chance of unintended brake release or mobility vehicle movement, which could result in serious injury.

1) Do not operate hand-held transceivers (transmitters-receivers), such as citizens band (CB) radios, or turn ON personal communication devices, such as cellular phones, while the mobility vehicle is turned ON.

2) Be aware of nearby transmitters, such as radio or TV stations, and try to avoid coming close to them.

3) If unintended movement or brake release occurs, turn the mobility vehicle OFF as soon as it is safe.

4) Be aware that adding accessories or components, or modifying the mobility vehicle, may make it more susceptible to EMI (Note: There is no easy way to evaluate their effect on the overall immunity of the mobility vehicle.

5) Report all incidents of unintended movement or brake release to the mobility vehicle manufacturer and note whether there is a source of EMI nearby.

If unintended motion or brake release occurs, turn the power OFF as soon as it is safe.

The following warning label is attached to your mobility vehicle to make users always aware that a possibility of electromagnetic interference exists.

VI. SAFETY INSTRUCTIONS

WARNING

Radio wave sources may affect scooter control Radio waves sources, such as radio stations, TV stations, amateur radio (HAM) transmitters, cellular phones, and two-way radios, can affect mobility vehicles. Following the warnings listed below should reduce the chance of unintended brake release or mobility vehicle movement, which could result in serious injury.

1. Do not turn ON or use hand-held personal communication devices, such as citizens band (CB) radios and cellular phones, while your mobility vehicle is turned ON.

2. Be aware of nearby transmitters, such as radio or TV stations and hand-held or mobile two-way radios and try to avoid coming close to them.

3. If unintended movement or brake release occurs, turn the power OFF as soon as it is safe.

4. Be aware that adding accessories or components, or modifying your mobility vehicle, may make it more susceptible to interference from radio wave sources. (Note: There is no easy way to evaluate their effect on the overall immunity of the mobility vehicle), and

5. Report all incidents of unintended movement or brake release to the mobility vehicle manufacturer and note whether there is a radio wave source nearby.

IMPORTANT INFORMATION:

1) 20 volts per meter (v/m) is a generally achievable and useful immunity lever, against interference from radio wave sources (as of May 1994) (the higher the lever, the greater the protection).

2) The immunity level of this product is not known.

VI. SAFETY INSTRUCTIONS

SUMMARY

- DO NOT try to climb sharp curbs.

- DO NOT drive off or over obstacles exceeding 5 cm in height.

- DO NOT make abrupt changes in direction at high speed or while traveling on an incline.

- DO NOT attempt to make fast turns, even on flat surfaces.

- DO NOT climb inclines greater than 12 degrees.

- DO NOT reverse your scooter on uneven surfaces or inclines.

- DO NOT attempt to operate your unit in a stalled condition, such as on a very steep incline. This may cause a circuit break or thermal cut out, rendering your unit temporarily immobile.

- DO NOT travel on motorways, in bus lanes, or in cycle lanes. You can travel on cycle tracks however (these are separated from the road by barriers or distance. Cycle lanes are those which are painted directly onto the road) You must use an amber flashing light for visibility if you use a mobility scooter on a dual carriageway.

- DO NOT carry passengers in any manner.

- DO NOT operate your unit when the red battery indicator light is flashing.

- DO NOT mount or dismount your unit with power switch in the “ON” position.

- ALWAYS make sure that the steering tiller adjustment lever is locked.

VI. SAFETY INSTRUCTIONS

SUMMARY

- ALWAYS make sure that the seat is locked so that it will not swing during operation.

- DO NOT turn ON or use hand-held personal communication devices, such as citizens band (CB) radios and cellular phones, while your scooter is turned ON.

- BE AWARE of nearby transmitters, such as radio or TV stations and hand-held or mobile two-way radios and try to avoid coming close to them.

- BE AWARE that adding accessories or components or modifying your scooter may make it more susceptible to interference from radio wave sources.

VII. BATTERY CHARGING

To ensure the best performance and maximum battery life, we recommend frequent battery charging. Your X700 comes with an external battery charger for your ease and convenience. The console battery display makes charging simple and easy. It is recommended that you charge your scooter daily. Follow these steps for battery charging.

1. The console battery level display has red lights; each indicates 10% of battery charge.

2. On a level, dry surface, turn off the power key and plug the extension cord into the charger socket located on the steering console. Then plug the other end of the charger cord into a wall outlet.

3. Charge the battery for 6-8 hours. Disconnect the charger from the wall outlet, disconnect the extension cord from the scooter, insert key into tiller and check if all gauge lights are on.

IMPORTANT: DO NOT LEAVE THE SCOOTER CHARGING UNATTENDED

VIII. MAINTENANCE SCHEDULE

To obtain the best performance and longest service life, please maintain your unit according to the following schedule and instructions:

DAILY

Check brake effectiveness before you drive.

Recharge batteries fully.

WEEKLY

1. Check tyre pressure. The pressure should be 21 psi.

2. Clean seat upholstery, plastic body and covers. To avoid electrical failure, do not spray water directly onto your unit. Use a damp clean rag to clean all parts.

3. Check the throttle lever attachment screws and tighten them if needed.

MONTHLY

1. Check battery condition. Clean terminals if necessary.

2. Check all electrical wire connection points for loose connections.

3. Tighten all exposed bolts and nuts if needed.

4. Check wheel bearings by spinning tyres and checking for free rotation.

YEARLY

Visit your dealer and let an engineer check your scooter completely.

IX. WARRANTY

Please read the below carefully.

I) WARRANTY TERMS AND CONDITIONS:

1. Warranty requirements: For the warranty to be valid, you must purchase this unit from the manufacturer or an authorised dealer. Operate in accordance with the instructions in this manual. The warranty covers parts costs in the event of mechanical failure during a set period.

2. Warranty terms

(1) Your cover begins on the date you take physical ownership of the product

(2) The cost of replacing defective mechanical parts is covered under warranty. However, you are responsible for the costs and logistics of returning the product to your authorised dealer for any warranty work which is required to be carried out.

(3) This product comes with a 5-year parts for all mechanical components except the battery. This has a one-year warranty period.

(4) The tyres, seat, and other parts of the scooter susceptible to wear and tear through everyday use are not covered by the guarantee.

II) THE WARRANTY IS VOIDED BY THE BELOW:

(1) Usage not in accordance with this manual

(2) If maintenance work is carried out on the scooter by unauthorised dealers

(3) Where unofficial components are used for repairs

(4) Modification of the unit without explicit authorisation from an approved dealer
(5) Incidents caused by uncontrollable factors such as floods, fire, earthquake, or war.

X. BUYER'S REGISTRATION FORM

Mobility Scooter

NOTICE: SELLING DEALER SHOULD COMPLETE THIS FORM AT TIME OF SALE TO REGISTER WARRANTY.

Customer Name: _____

Address:_____

City:_____ State _____ZIP:_____

Telephone:_____ Date of Purchase:_____

Selling Dealer:_____

Dealer Address:_____

City:_____ State:_____ ZIP:_____

Dealer Phone: _____ Fax:_____

Model: *X750*

☐

Serial Number: _____ Color: _____

Type of Purchase: Consumer ☐ Rental ☐ Other ☐

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MOBILITY

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