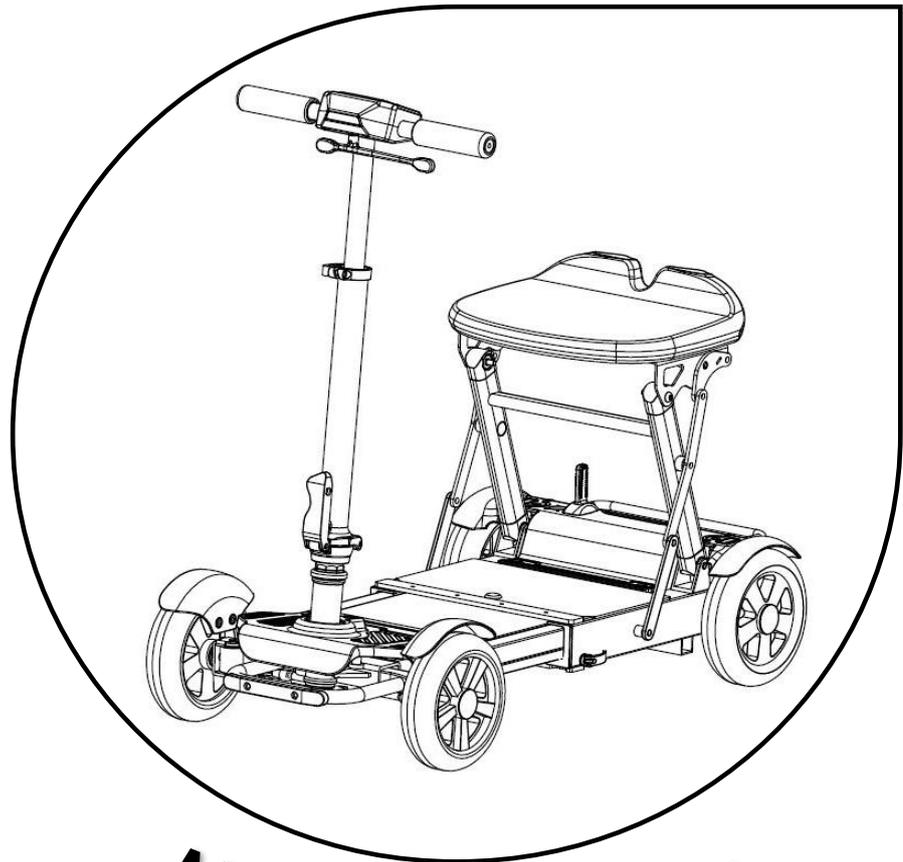


BLIMO



Mobility Scooter

Travel Lite



User Manual

BEFORE using this product, read this manual and save for future reference.

Version 1.2 January 01, 2021

Dear User,

WE congratulate you on your choice of mobility scooter – **Travel Lite**. Our goal is for you to continue to feel satisfied with your choice of both vendor and product.

1 General

1.1 Symbols

Signal words are used in this manual and apply to hazards or unsafe practices which could result in personal injury or property damage. See the information below for definitions of the signal words.



Danger Admonition

Warning indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



Warning Admonition

Indicates a hazardous situation that could result in damage to property if it is not avoided.



Notice Admonition

Indicates an important but not hazardous situation which, if not avoided, could result in damage to the product or other property.

1.2 Safety Instructions

All information, pictures, illustrations and specifications are based upon the product information available at the time these operating instructions were printed. Pictures and illustrations used in these operating instructions are representative examples and not intended to be exact depictions of the various parts of the scooter. We reserve the right to make changes to the product without prior notice.



Check ALL parts for shipping damage. If shipping damage is noted, DO NOT use. Contact carrier or dealer for further instruction.



Weight Limitation

The weight limitation of the **Travel Lite** is 100 kg (220 lbs).

Use for only one person, DO NOT carry any other passenger.



General Warnings

DO NOT use this product or any available optional equipment without first completely reading and understanding these instructions and any additional instructional material such as owner's manuals, service manuals or instruction sheets supplied with this product or optional equipment. If you are unable to understand the warnings, cautions or instructions, contact a healthcare

professional, dealer or technical personnel before attempting to use this equipment - otherwise, injury or damage may occur.

ALWAYS check the mobility scooter for proper tightness before using.

BLIMO is not responsible for personal injuries or property damage resulting from any person's failure to follow the warnings and instructions in this manual. BLIMO is not responsible for injuries or damage resulting from failure to exercise good judgment.



Unapproved Replacement of Parts

If any part is replaced without approval from BLIMO, the scooter warranty will become void. BLIMO accepts no liability for any loss that occurs as a result of a control system component being opened, adjusted or modified without permission.

2 Warnings and Precautions



2.1 Operation

- ❖ In some instances, including where certain medical conditions exist, users should practice operating their scooter under the supervision of an assistant who is familiar with the operation of the scooter and with the abilities and limitations of the user.
- ❖ Do not drive the scooter over any curbs or obstacles higher than specified in the technical specifications section of the manual. When driving over a curb or similarly elevated surface, cross it at a 90 degree angle (perpendicular). Crossing such surfaces at any other angle may result in the scooter's tipping.
- ❖ Reduce your speed when driving on uneven terrain or soft surfaces. Never use your scooter on stairs or escalators. Always take the elevator.
- ❖ Do not lift or move the scooter by any of its removable parts. Doing so could lead to personal injury and property damage, including damage to the scooter.
- ❖ Do not use the scooter to pull any kind of object and never hang excessive weights on the backrest. Doing so could lead to personal injury and property damage, including damage to the scooter.
- ❖ In the event of a collision with a wall, door or other fixed object when operating the scooter, always make sure all parts of the scooter are undamaged before operating it again. Failure to do so could lead to personal injury.
- ❖ Do not let children drive the scooter without supervision. Do not drive the scooter on public streets or roads. Obey all local pedestrian rules and be aware that vehicle drivers may have difficulty seeing you.

- ❖ Do not operate your scooter under the influence of alcohol. Consumption of alcohol may impair your ability to operate your scooter safely.
- ❖ Some physical impairments or the use of prescription and nonprescription medication may limit your ability to operate your scooter safely. Be sure to consult with your physician about your physical limitations and medications.



2.2 Operation - Slopes

- ❖ When driving downhill, select the slowest speed and proceed with caution. Driving down a slope may shift the user's center of gravity forward. If the scooter rolls faster than you would like, stop the scooter by releasing the joystick and begin descending again more slowly.
- ❖ Avoid sudden stops or starts. Stop by releasing the joystick rather than by turning the power off. Turning off power while the scooter is in motion will cause the scooter to stop suddenly.
- ❖ When driving up a slope, try to keep moving at a steady speed. Stopping and starting the scooter while moving up a slope makes the scooter more difficult to control.
- ❖ Do not drive up or down slopes with gradients greater than those set forth in the technical specifications section of this User's Manual. There is a risk that the scooter will not maneuver safely.
- ❖ Do not drive up or down ramps that are not equipped with proper edge protection along the sides to prevent the scooter from falling off the ramp.
- ❖ Do not drive up or down hazardous inclines such as a surfaces covered with snow, ice, or wet leaves, or a surface that is uneven.



2.3 Operation - Turning

- ❖ Turning your scooter at high speeds may cause it to topple with personal injury as a result. The risk of tipping over is increased by high turning speeds, sharp turns, uneven surfaces, abrupt changes in direction, and driving from an area of low traction (e.g. lawn) to an area of high traction (e.g. sidewalk). To avoid tipping over, personal injury and property damage, reduce speed and turn less sharply.



2.4 Driving

- ❖ The Driving Range stated in the technical specifications of this manual represents the theoretical driving range, actual driving ranges will vary depending on battery status, tire selection and driving conditions. Frequent driving on slopes, rough ground or frequently climbing curbs etc., will also reduce the driving range.

- ❖ Driving in the dark is only permissible if the scooter is equipped with functioning lighting at the front and rear, or as per applicable national or local traffic regulations.



2.5 Transfer into or out of the scooter

- ❖ Make sure the power is turned off before getting into or out of the scooter. When transferring into or out of the scooter, every precaution must be taken to reduce the distance between the scooter and the place to which the user is transferring. Too great a distance may cause the user to overexert him or herself, lose balance or fall. BLIMO recommends that users transfer in the presence of or with the assistance of an attendant.



2.6 Transporting the Scooter

- ❖ The scooter may only be transported in vehicles approved for this purpose. The vehicle must be suitably designed, insured and equipped to transport a person in a scooter. No matter how securely it is fastened in the vehicle, a scooter is not designed to be a car seat and cannot offer the same degree of safety as offered by standard car seats. Before transportation, check that the scooter is properly secured and that wheels are locked.



2.7 Environmental Conditions

- ❖ Protect the scooter from exposure to any type of moisture, including rain, snow, mud or spray. Exposure to moisture may cause the scooter to short-circuit, catch fire and cause personal injury or property damage. If it has been exposed to moisture, do not operate your scooter until it has dried completely.

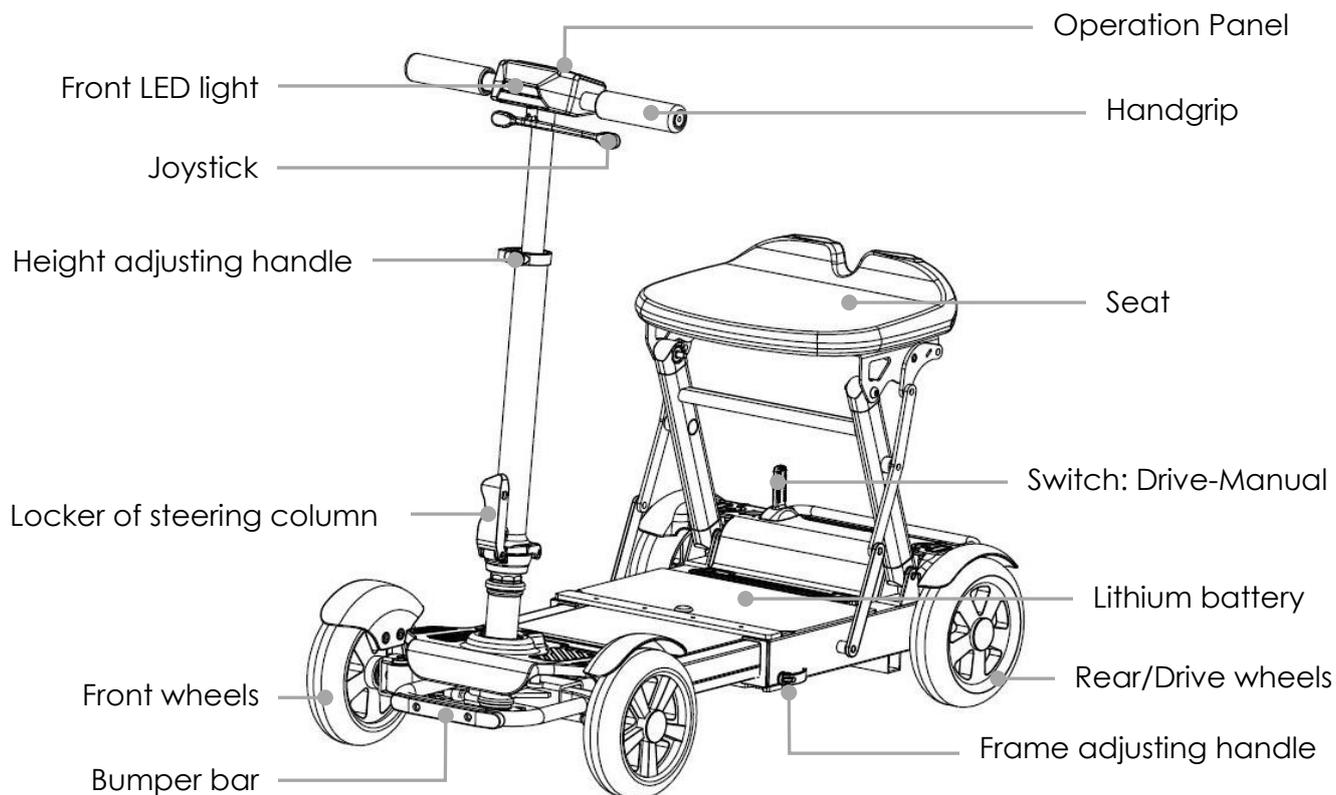
If any of the shrouds or the panel has cracks or tears, they must be replaced immediately. Failure to do so may allow moisture to enter the electronics and cause personal injury or property damage, including fire.

Be extremely careful when operating your scooter during icy or slippery conditions. Such conditions can lower the performance and safety of your scooter which could lead to an accident, personal injury and property damage, including damage to the scooter.

Exercise extreme caution when using oxygen in close proximity to electrical circuits and other combustible materials. Contact your oxygen supplier for instruction in the use of oxygen.

3 Getting to know your scooter

3.1 Overview



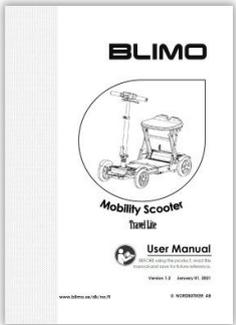
3.2 Technical Specifications

Item No.	Travel Lite
Scooter frame	Aluminum alloy
Measurements (L*W*H)	(780-945) * 510 * (800-960) mm (Adjustable length and height)
Front wheels	8 inch PU solid tire (9 inch optional)
Rear wheels	8 inch PU solid tire (9 inch optional)
Max. speed	8 km/h
Ground clearance	70 mm
Drive	Rear wheel
Brake	Electromagnetic brake
Total weight	21 kg (without battery)
Loading capacity	100 kg
Endurance mileage	15 km
Max. grade ability	8°
Height of crossing	40mm
Controller	Brushless controller 24V 60A
Motor	Brushless motor 180W
Charger	DC24V/2.0A
Lithium battery	24V 12.5Ah, Net weight 1.9 kg, Charging time 2-8 hours
Scooter frame	Scooter foldable, frame forward-backward adjusting, height adjustable of steering column.



Note: The actual endurance mileage after the battery is fully charged will decrease with the service life, which is a normal loss.

3.3 Parts (Packing) List

			
<p>Mobility Scooter</p>	<p>Charger</p>	<p>Charging Cable (Just as gift, free of charge)</p>	
			
<p>Power Key * 2</p>	<p>Battery Box Key * 2</p>	<p>Backrest and Knobs (Need to buy)</p>	<p>User Manual</p>

4 Preparing for Use

4.1 Unfold and Adjust your scooter

		
<p>Unwrap all packing</p>	<p>Lift the steering column upward and lock the locker Turn the buckle to make locker more safe and avoid releasing</p>	<p>❶ Grip the back of seat and lift upward; ❷ Grip the front of seat and push backward until the right position.</p>



Turn left or right to lock the seat
(This knob is at the back of seat)



Seat locked



Please make sure both sides pins of the seat are pop-up after locking



Open both sides handles



One hand hold the seat, another hand push the steering column forward, then lock both sides handles



Drive-Manual mode switch
(Please switch to Drive mode before driving)



Open the handle and adjust the height of steering column to fit for you, then lock



Backrest
(Need to buy)



Insert the backrest to seat
Lock it by knobs
(Remove backrest by opposite steps)

4.2 Fold your scooter

 <p>Warning ← → Please make sure handles on both sides are in locked state before driving and after forward-backward adjusting.</p>	 <p>Warning Please make sure handles on both sides are in locked state before driving and after forward-backward adjusting.</p>	 <p>Warning Please make sure the seat is locked before driving. Max. load: 100kg</p>
<p>Open both sides handles</p>	<p>One hand hold the seat, another hand push the steering column backward, then lock both sides handles</p>	<p>Pull out and Turn left or right (This knob is at the back of seat)</p>
		
<p>Seat released and could be folded</p>	<p>Grip the back of seat and lift upward a little, push forward and press downward at the same time.</p>	<p>Release the handle of locker Fold the steering column</p>

5 Driving

5.1 Operation panel



5.2 Operation



The scooter is designed for use both indoors and out. When driving indoors, take care in e.g. narrow passages, when passing through doors and entrances and when using lifts, ramps, etc. When driving outdoors, remember to drive very slowly down steep slopes and to take great care when driving on uneven surfaces, up slopes, on side slopes and over obstacles. Always observe a good safety distance when driving near edges and drops.



Please fully charge for battery at first time BEFORE you firstly use your scooter.



Make sure the power is turned off before getting into or out of the scooter.



Always make sure your feet are correctly and securely positioned on the foot plate before you operate.

❖ Operation steps and instructions

- 1) Make sure switch to the Drive mode, insert and clockwise turn the power key to turn on the scooter. Check all indicators on LCD
- 2) Choose fitting limit speed – High or Low and decide if turn on/off the LED light according to using situation. (You have to turn on the light when drive at night or in weak light surroundings.)
- 3) Adjust the steering column of your scooter to position which you feel comfortable.
- 4) Slowly pull the joystick right side to drive your scooter forward. Or slowly pull the joystick left side to drive your scooter backward (Please choose Low: Top limit speed – 4km/h when drive backward). Release the joystick, you scooter stop.
- 5) Pull Left or Right handgrip to control the driving direction of your scooter when drive.
- 6) After use, park your scooter at a safety and stable place and anticlockwise turn the power key to turn off the power.
- 7) Switch to the Manual mode, then could pull your scooter.
(Your scooter is with some resistance which motor generated in manual mode. This is normal, not means damage.)
- 8) Press the button of Buzzer/Trumpet to remind or warn for driving safety and accident prevention, please use in time.

5.3 Electromagnetic brake

Your scooter is equipped with electromagnetic brake, theoretical braking distance is 800mm on flat surface. The brake start braking in following situation:

a) Scooter is OFF.

b) Scooter is ON, but joystick is released.



DO NOT turn off the power of scooter when drive, will cause brake suddenly.

DO NOT switch to Manual mode on the way uphill and downhill, in this case, there is no any braking effect.



Braking distance is changing along with the different driving surroundings. If need to brake, please prepare in advance.

6 Battery and Charging



How frequently you need to charge the scooter's batteries will depend on a number of factors including how you use the scooter, the temperature and the age of the batteries. All batteries gradually lose capacity as they age.



To achieve the best service life, never let batteries discharge completely. Always charge the batteries immediately after they have been discharged.



If the battery voltage indicator shows that the batteries lose power faster than normal, the batteries could be worn out and need to be replaced.



If the power on the scooter is turned ON during the charging process, it must be switched off again and the charger disconnected before the scooter can be driven.



For long-term battery storage the room should be unheated, but to guard against battery corrosion, make sure the room is a few degrees warmer than its surroundings, as this will keep the room drier. The batteries must be fully charged before storage. Batteries in storage require charging **every 2 months**.

6.1 2 Ways charging for battery

		
<p>1st Way: Charging port on scooter</p>	<p>1st Way: Charging for battery on scooter</p>	<p>2nd Way: Open battery box by turn box key clockwise</p>

		
<p>2nd Way: Pull out the plug and then lift up the battery from box</p>	<p>2nd Way: Connect the charging cable to battery port</p>	<p>2nd Way: Directly charge for battery</p>

! **2nd Way:** Install the batter should adopt the above steps on the contrary. And to press lightly when put battery back to the box, make it stick to the bottom magic tape and more stable.

! **Charger indicator light:**
Red ● : Power On / Charging **Green ● : Full charging**

7 Transporting and Storage your scooter

		
<p>Compact scooter Only need a little space</p>	<p>Carry and Lift easily</p>	<p>Put into car boot easily</p>

! Preparations for air transportation: Airlines have different rules regarding mobility scooter transportation. Please contact your specific airline for more information and to make sure the mobility scooter can be transported safely.

! For long-term your scooter storage makes sure it in a dry environment to prevent mould from growing or the surface from being damaged and rusting. Disconnect the battery to prevent it from being damaged. And protect your scooter from dirtiness and dust.

8 Maintenance and repairs

For the scooter to work well, it is important that it is used correctly and regularly maintained. A well maintained scooter last longer and has a lower risk of defects.

Only qualified service technicians should perform the maintenance and repair specified, read all instructions carefully before proceeding. If any questions arise, contact your distributor.

8.1 Frequency of maintenance and inspection

It is recommended compliance with the following maintenance and inspection schedule.

Maintenance and inspection schedule	Daily	Weekly	Monthly	Yearly
Check battery level indicator and charge if necessary.	X			
Check joystick work well, drive forward and backward, stop once release.	X			
Make sure all handles, knobs, lockers and other removable parts are securely fastened.	X			
Check positioning of speed button and drive-manual switch.	X			
Check control panel is not damaged and LED light is operational and clean.		X		
Ideally, use a soft cloth or sponge, water and a mild detergent for normal wiping.		X		
Check the metal surfaces, remove scratches from shiny surfaces using car polish, then apply soft car wax to restore the original surface gloss.			X	
Complete inspection, safety check and service performed by your specialist distributor.				X

8.2 Battery replacement (Specific steps of removing could refer to 6.1 - 2nd Way)

8.3 Wheels replacement



Installing steps on the contrary

1st. Remove cap from groove easily; **2nd.** Remove the screw by M5 wrench; **3rd.** Remove wheel and replace new one.

9 Troubleshooting

The following troubleshooting guide describes a number of faults and events which may

occur when you use the scooter, together with suggested remedies. Note that the guide cannot describe all the problems and events which may occur and you should always contact your service provider in case of doubt.



Controller have included a warning system with function of identifying trouble, the buzzer is always on warning status until the trouble removal.

Fault Code	Code Instruction	Trouble	Remedy
* **	1, 2	Joystick open-circuit fault	Check its circuit connection or contact your distributor.
** *****	2, 5	Joystick short fault	Check if exist short or contact your distributor.
* *****	1, 6	Joystick lever is not in the center	Switch off power and poke the joystick lever to the center, or contact your distributor if do not solve it.
*** **	3, 2	Electromagnetic brake fault	Check if the Drive-Manual lever is at the Drive position.
* ***	1, 3	Charging status	Stop charging. Disconnect the charging cable from the scooter charger socket.
** **	2, 2	Undervoltage protection	Charge the battery.
* ****	1, 4	Motor hall fault	Contact your distributor.
** ****	2, 4	Controller fault	Contact your distributor.
** *****	2, 5	Electric circuit overload	Restart, or contact your distributor.
* *****	1, 5	Overvoltage protection	Restart, or contact your distributor.

10 Limited warranty

This warranty is extended only to the original purchaser/user of our products.

IDEAL warrants its product to be free from defects in materials and workmanship for one year for the original purchaser. If within such warranty period any such product shall be proven to be defective, such product shall be repaired or replaced. Product repairs shall not extend this warranty - coverage for repaired product shall end when this limited warranty terminates. IDEAL's sole obligation and your exclusive remedy under this warranty shall be limited to such repair and/or replacement. For warranty service, please contact the dealer from whom you purchased. The defective unit or parts must be returned for warranty inspection.

This warranty does not cover device failure due to owner misuse or negligence, or normal wear and tear. The warranty does not extend to non-durable components, such as rubber accessories, casters, and grips, which are subject to normal wear and need periodic replacement.

BLIMO

Mobility Scooter

REF TravelLite



Manufacturer: SUZHOU IDEAL MEDICAL CO., LTD.
Address: No. 88 Huachi Street, Suzhou Industrial Park,
Suzhou (215000), Jiangsu, China.



Manufacture on 12.2021

LOT 211115

SN BT211115001

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CE



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