# **RAMBLA PRO USER MANUAL**

For the safety of every user please read through carefully



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## **RECEIVING YOUR RAMBLA MOBILITY SCOOTER**

#### Removing the Scooter from the box

The main box houses the Scooter as a semi-complete unit.

The 2<sup>nd</sup> box contains the Seat assembly and accessories.

- a) Unstrap the Seat box from the main box.
- b) Open the top lid of the main box.
- c) Carefully cut open the end panel marked "OPEN THIS END"
- d) Reach in and release the brake by pressing the lever in. (see picture)
- e) Carefully roll the scooter out from the box and remove the packaging



#### FITTING THE SEAT

To fit the seat pull the side lever forward and locate the Seat Support Bar into the Bottom Seat Support Pillar.

Rotate to the desired position and release the side lever. Ensure it is fully locked in position by pushing firmly down.



Note:-

If required the seat arms can be fitted using the 4 bolts provided.

## **OPERATING FUNCTIONS**

## **Control Panel & Handle Bar functions**





**Control Panel** 

**Right Handlebar** 



Left Handlebar

#### Drive Mode/Freewheel



#### **Battery**

The scooter is fitted with a 24 volt 50AH Lithium Battery. This will require charging prior to use.

The battery can be charged by connecting directly to the battery charging port. Please ensure the key is in the OFF position when charging.

Always use the supplied equipment for charging. Lithium batteries use a different charger to Lead/Acid ones. Attempting to charge the battery any other way whilst connected to the Scooter's electrical system could cause permanent damage to the controller unit.

Note: -

Plug the charger into the charging port first & then connect to the power supply. When disconnecting remove from the power supply first.



The battery is also fitted with it's own charging port used when the battery is removed from the scooter.



Battery & Controller Cover Removed



## **BASIC ADJUSTING**

### **Chassis Adjustment**

The Chassis length can be increased by 50/75/100mm to suit the riders preference. The Scooter is pre-set hole No 1. To adjust first losen the locking nut located underneath the frame and unscrew the Capscrew.

To adjust the length lift the "T" Location Pin and twist 90°. Slide the bar to the required hole postion. Release the "T" Location Pin making sure it engages in the hole. Tighten the Capscrew and lock it in postion with the hexagon locknut.



## **Tiller Adjustment**

The tiller can be adjusted to suit the riders preferences. Unscrew the locking nut to re-postion and relock



## Seat Adjustment

Height Adjustment

Remove the screw and adjust up or down to suit. Re-insert and tighten.



#### Forward/Backward & Rotation Adjustment



## **REMOTE CONTROL OPTION**



This option provides remote operation of the Scooter. The Remote control Thumb Accelerator is connected as shown. With the ignition switched on this unit takes over the control of the accelerator.

## MAINTENANCE

The Scooter in general requires minimal maintenance and relies mostly on good housekeeping to remain in good working condition.

#### **Battery**

The lithium battery requires no maintenance. It is supplied pre-charged but will require a full charge before use.

The battery will slowly discharge over a period of time and its good practice not to let it go too low. If not used for a long time do not leave the battery on charge since this can reduce the life. Maintain it at 50-80% charge.

#### **Motor/Gearbox**

No maintenance required other than keeping it free from mud and other debris.

#### **Controller**

Located in the box under the seat it requires no maintenance other than checking cable connections looks in good condition and are free from dirt and debris.

#### **Tyres**

Max Tyre Pressure 28psi (1.9bar) Min. Tyre Pressure 20psi (0.7bar)

Generally, the tyres can be set between 20 - 22 psi dependent on ground conditions and individual preferences.

Check tyre pressure and wear on a regular basis.

## TROUBLESHOOTING

The battery indicator also shows a series of fault codes as shown below.

Battery Indicator Off		No power to Controller	<ol> <li>1.Key switch broken</li> <li>2.Cable or connector is disconnected</li> <li>3.Battery indicator is brocken</li> </ol>
Battery Indicator On	Scooter is Ready		
1	1 Bar	Low Battery	<ol> <li>Battery cable not connected well</li> <li>Charge Battery</li> </ol>
2	2 Bar	Bad connection to the Motor	1 Motor is dis-connected with Controller 2 Motor is brocken
3	3 Bar	Motor has a short circuit to a Battery connection	1 Motor is brocken 2 Contact Supplier
4	4 Bar	Scooter is pushing in free wheel mode	1 Check position of free wheel lever 2 Contact Supplier
5	5 Bar	Not Used	
6	6 Bar	Inhibited from driving Inhibit 2 is active	1 Your scooter is charging 2 Disconnect your charger
7	7 Bar	Throttle Fault	<ol> <li>Make sure the throttle is in the rest position before switching on your Scooter</li> <li>Check connection cable on your throttle</li> <li>Check connection cable on the speed adjuster</li> <li>Contact Supplier</li> </ol>
8	8 Bar	Controller fault	<ol> <li>Make sure that all connections are secure</li> <li>Contact Supplier</li> </ol>
9	9 Bar	Parking brake has a bad connection	1 Electric brake in free wheel condition 2 Bad connections between Brake & Controller
10	10 Bar	Excessive Voltage to the controller	1 Check the battery connections 2 Contact Supplier

# **TECHNICAL SPECIFICATION**

Model	DM418	
Battery	24V 50AH (Lithium Iron)	
Motor Power	24V 100W	
Charger	24V 5A	
Front tyre	13*6.5-6 Tubeless Tyre	
Rear tyre	13*6.5-6 Tubeless Tyre	
Maximum Climbing	Less than 15°	
Maximum Speed (km/h)	11km/h	
Maximum Loading weight	200KG	
Travel Range	40KM (50AHLithium)	
Overall dimensions	1430*800*1100mm	
Weight without battery	85 KG	
Total Weight with battery	95 KG	
Turning Radius	1.8m	
Ground Clearance	120 mm	
Drive system	24V Sealed Mid Transaxle	
Brake system	Electromagnetic brake	
Wheel hub	Steel	
Seating	360° Swivel and Position Adjustment	





#### WARRANTY

Your Scooter carries a free 12-month guarantee and a 12-month guarantee on the lithium battery valid from the date of purchase.

In the unlikely event of a product failure the Company will repair or replace any faulty products free of charge.

The guarantee will not cover items which require replacement due to normal wear and tear.

#### **CONTACTS**

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