BLIMO

USER'S MANUAL - BLIMO X-600 PREMIUM



1 Safety

The X-600 should only be operated by a single person, who is not suffering from any condition which impairs vision,hearing, eyesight or the ability to react to sudden changes in surroundings. If you suffer from any of the above, it is recommended that you seek advice from your doctor before operating the X-600

- Only drive over obstacles and up kerbs at the lowest point and at right angles.
- Sudden turns or sudden changes in speed are not recommended.
- Avoid steep surfaces if there is a risk of skidding due to icy or wet surfaces.
- Avoid going over loose surfaces such as gravel.
- Always tackle gradients straight i.e. do not drive in zigzags.
- Do not turn the X-600 around on inclined surfaces.
- Do not drive the X-600 down steps.
- Always drive forwards down gradients, kerbs and other obstacles.

1.1 Anti-Tip Wheels

The X-600 is fitted with rear anti-tip wheels. These are an emergency failsafe that should never be relied upon in normal operation. These are designed to stop the X-600 tipping backwards on a steep incline. Should you see any damage to the wheels, you should cease using the scooter and take it to a certified mechanic who can ensure that the chassis has not been damaged.

1.2 Safe Inclines

The X-600 can climb inclines of up to 12˚ without danger. On this 12˚ incline, the X-600 can stop, brake and turn. It is possible to attempt steeper inclines, but we strongly suggest that you do not. To reduce the possibility of tipping backwards on inclines, lessen the load on the back of the scooter by sliding the seat forward as much as possible and leaning forward.

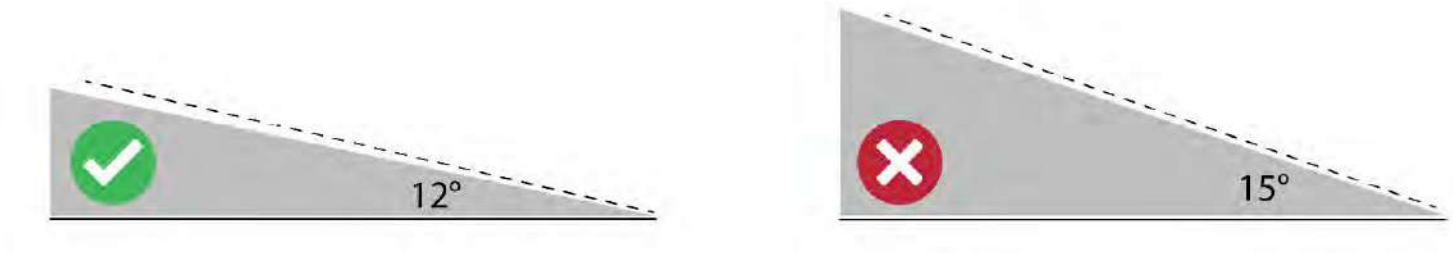


Figure 1 – Recommended gradients

2 Introduction

Your X-600 is a high-tech piece of mobility equipment that will give you years of faithful service and enjoyment. This manual introduces you to the operation, maintenance and care of your X-600. If you have any questions, or are unsure of anything, please contact the dealer your originally purchased the X-600 from. All maintenance work should be carried out either by an authorised dealer or by a certified mechanic.

3 Your X-600

3.1 Intended Use

The X-600 is designed for use on smooth pavement or roadway, in accordance with local laws. The X-600 can be used in wet and windy weather, but discretion should be used when planning a journey in adverse weather conditions. If there is more than 1cm of water standing on the pavement, extra care should be taken as the scooter may have reduced ability to grip and steer. Under no circumstances should more than one person operate the vehicle at one time.

3.2 Unintentional Movement

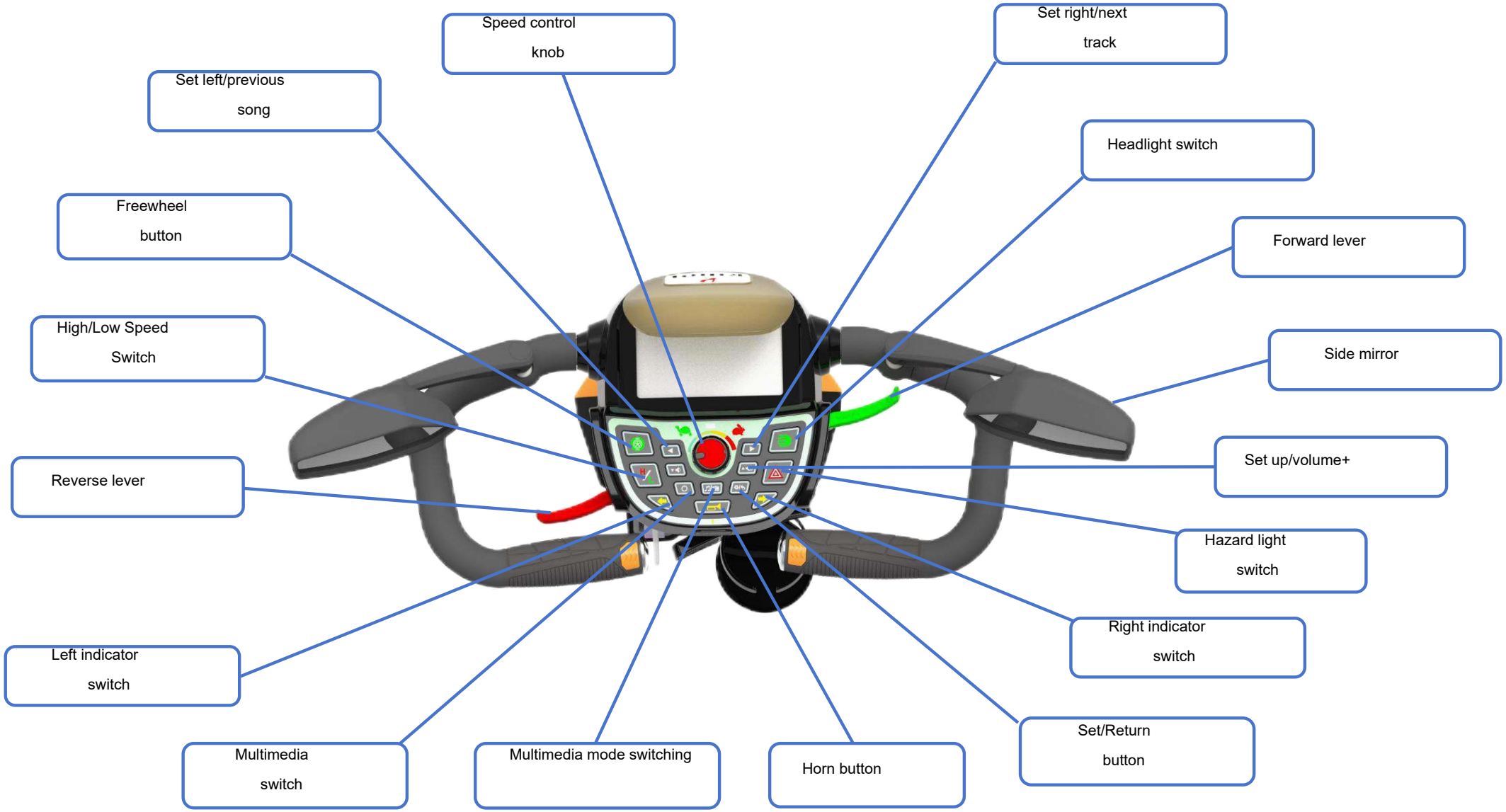
Before boarding, the X-600 should always be stationary. When the X-600 is switched on, it will remain stationary until one of the following:

1. The forward or reverse lever is pulled.
2. The freewheel function is engaged.

Do not attempt to operate from outside the vehicle.

If the vehicle is moving an emergency stop can be performed by releasing the throttle levers and firmly pulling the handoperated brake lever on the right-hand side of the tiller.

4 Digital Tiller Guide



5 Operating Your X-600

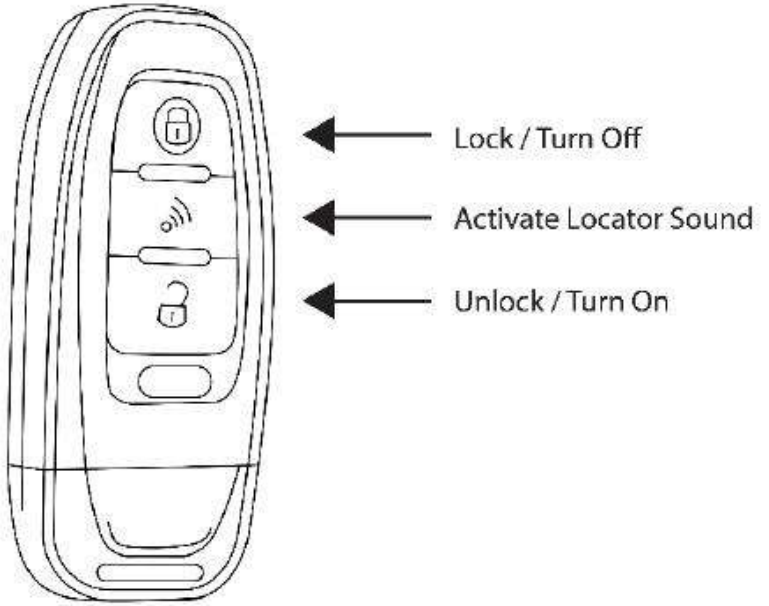
5.1 Keys & Fobs

The X-600 is delivered with two Keyless Fobs:



Keyless Fobs x2

The Keyless Fobs operate within a 10-meter range of the scooter.



Power On
To turn on the X-600, sit in the Captains Seat and either press the ‘Unlock / Turn On’ button on the fob or the ‘Start/Stop’ button located on the tiller column

Power Off
To turn off the scooter, press the ‘Lock / Turn Off’ button on the fob or press the ‘Start/Stop’ button on the tiller column.

Locator Sound
If the keyless fob is within range, you can use this feature to locate your scooter in a busy environment. Pressing the ‘Locator Sound’ button will activate a loud audible sound.

5.2 Seat Adjustments

It is important to adjust the seat into a good position that allows you to comfortably operate all the vehicle controls.

Forward/Backwards

To move the seat forwards or backwards, grasp the black lever on the right-hand side underneath the seat whilst sitting down.

Push firmly against the floor with your feet.

TOP TIP – Do not use the control tiller to push or pull yourself up.

Backrest Adjustment

The pitch of the seat can be changed by the lifting lever located on the right-hand side of the seat when seated.

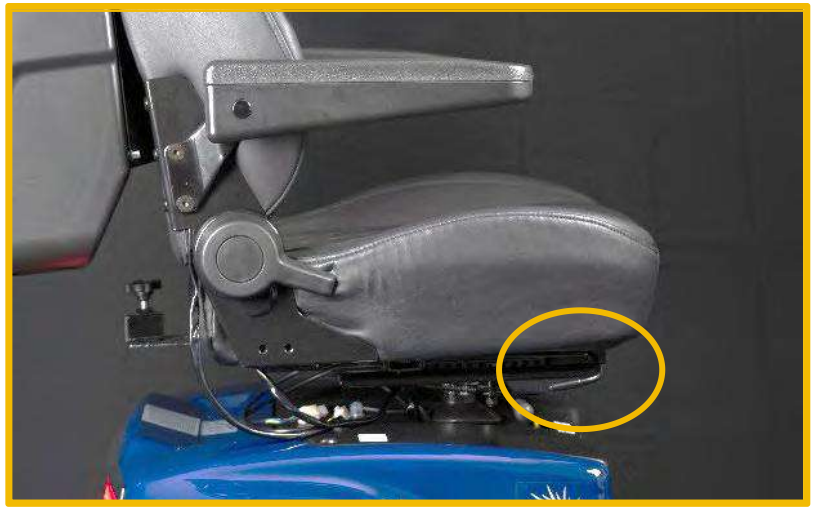


Figure 3 – Pull black lever to adjust the seating position

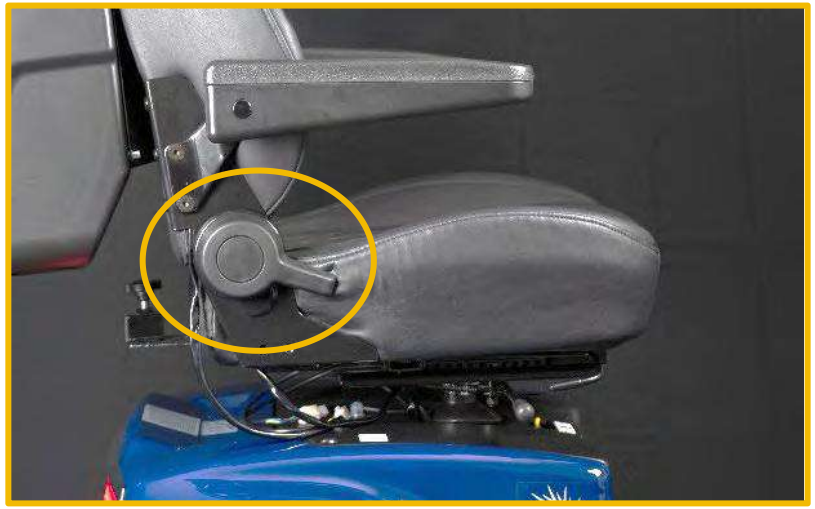


Figure 4 – Pull black handle to adjust the backrest

Swivel Adjustment

To enable easy access, the seat can be swivelled on a 90 degrees angle.

To change the angle of the seat, sit on the seat, pull the swivel handle towards the front of the scooter and turn the seat anti-clockwise.



Figure 5 – Pull black handle to adjust the backrest

5.3 Tiller Adjustments

The angle of the tiller can be adjusted by pressing the lever down on the front of the tiller.

The entire tiller assembly can then pitch forwards and backwards to find a comfortable driving position. Release the lever to secure your preferred position.

Be aware that lowering the tiller too far may make it difficult to steer.

Try to find a position that allows a good view of the digital control panel and allows full left and right movement of the steering.



5.4 Steering

The X-600 is fitted with a mechanical steering column that ideally should be operated with both hands. When the X-600 is stationary the steering may feel a little heavy or stiff. Steering will become lighter whilst the vehicle is in motion.

For the most accurate steering the X-600 should be moving forwards or backwards at a controllable speed. Gently push one side of the tiller away from you, allowing the X-600 to begin turning. Make sure that you are continually observing your surroundings during any manoeuvre.

5.5 Acceleration & Braking

5.5.1 Speed Controls

The X-600 has several methods for controlling speed; the High and Low Speed Modes and the Max Speed Limiter. **5.5.1.1 High and Low Speed Modes**

The high (“H” and low (“L” speed modes are controlled by the H/L button.



Figure 7 – H/L Speed Mode Control

5.5.1.2 Max Speed Limiter

The red dial controls the speed at which you would like the scooter to travel or matching your speed to someone walking. This function is particularly useful when operating the scooter in tight areas.

Turn the dial clockwise to go faster and counterclockwise to move slowly.



Figure 8 – Max Speed Limiter

5.5.1.3 Throttle Levers

Acceleration and deceleration are controlled by the red and green levers on the tiller. They are designed to prevent both the forward and reverse functions from being activated at the same time.

To move forward, gently pull the green lever. The X-600 will accelerate up to the maximum allowable speed set by the speed controls. To slow down or stop, release the accelerator and the scooter will stop. In an emergency the handbrake can be applied by pulling the brake handle located on the right of the handlebars.

Reverse mode can be activated by pulling the red lever when the scooter is stationary. For more information on reverse mode please see 5.5.3 Reversing.

5.5.2 Freewheel Mode

You may need to move the X-600 without engaging the motor. This can be achieved by pressing and holding the "Freewheel" button. The scooter must be switched on and the Digital Display illuminated.

Press and hold the button marked with this symbol:
Release the button to re-engage the brakes: 
For your own safety, only operate this function when on a flat surface. When in freewheel mode care must be taken to manoeuvre the scooter safely as there is no brake function.

TOP TIP – When in freewheel mode, the mobility scooter will continue to roll if pushed.

5.5.3 Reversing

To engage reverse mode, ensure that the X-600 is stationary and on even ground. Before moving, check that the area is clear of obstructions and your planned path is of adequate size.

Gently pull the red lever, and the X-600 will begin to slowly move backwards. To slow down or stop, release the red lever and the scooter will stop. In an emergency the handbrake can be applied by pulling the brake handle located on the right of the handlebars.

5.6 Starting X-600

The X-600 can be started once the Keyless Fob is within proximity to the scooter and the Start/Stop button is pressed (figure 9).

The X-600 is powered on and ready to be used after the welcome screen and once the digital colour displays visual data (figure 1.



Figure 9 – Start/Stop Button



Figure 10 – Digital dashboard displaying data

5.7 Digital Colour Display

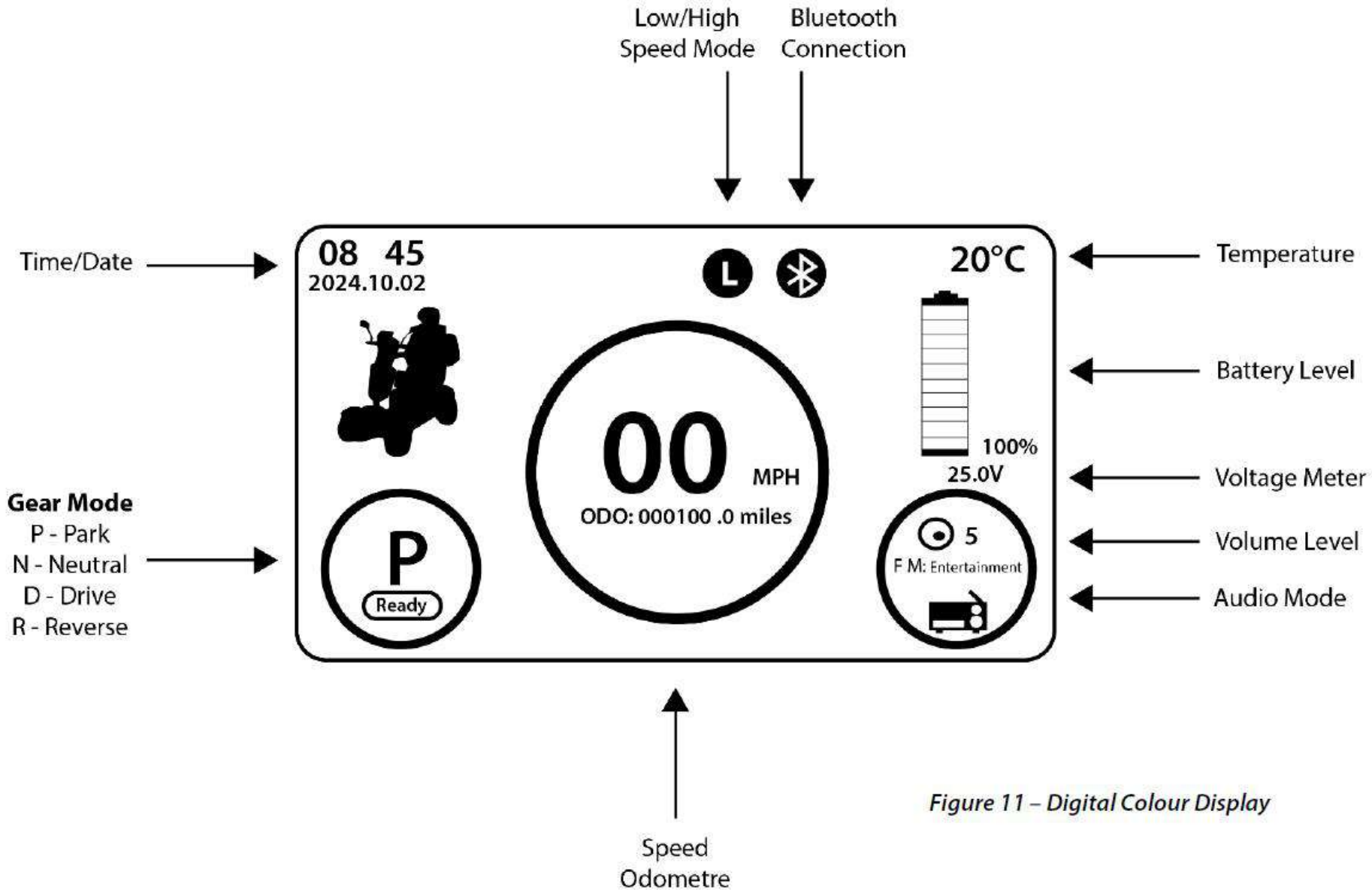


Figure 11 – Digital Colour Display

5.7.1 Odometer

The displayed miles on the Digital Colour Display are cumulative and represent the total distance the scooter has travelled.

5.7.2 Setting the Date and Time

To set the clock follow the below instructions:

1. Press and hold the Settings/Back button for three seconds.
2. Press the down button ▼ and highlight ‘System’, press the OK button.
3. Press the down button ▼ and highlight ‘Local setting’, press the OK button twice.
4. Press the down button ▼ and highlight ‘Time and date’, press the OK button.
5. Use the down button ▼ to select either Year, Month, Day, Hour or Minute, press the OK button
6. Use the up and down ▼ to adjust the setting.
7. Press the OK button ▲ ▼ to confirm the setting.
8. If necessary, repeat steps 5-7 to adjust the Year, Month, Day, Hour or Minute and adjust.
9. Press the Settings/Back button to return to the main display interface.
10. The date and time will now be set.

5.8 Indicators

The indicators are bright LEDs used for easy visibility, in an orange colour.

To switch them on press either the left ◀ or right ▶ button once before initiating a manoeuvre. Once the turn is complete and it is safe to do so, press the indicator button again to turn off the indicator.

5.9 Hazard Lights

In an emergency both indicators can be engaged at once, by pressing the  button. This will leave both left and right indicators flashing front and rear, until the button is pressed again.

5.10 Horn

The electric horn is activated by pressing the  button on the tiller top. The horn should only be used in compliance with the Highway Code. The horn will only sound if the scooter is switched on.

5.11 Bluetooth

The X-600 features integrated Bluetooth connectivity and two speakers built into the tiller

column. Mobile devices can be paired with the scooter to play music and audio:

1. Turn on the scooter and your mobile device's Bluetooth
2. Navigate to your mobile device's Bluetooth settings
3. Select the device named 'scooter' (see figure 13)
4. Enter the pin '0000' and connect
5. Once connected, the Bluetooth icon will appear on the display (see figure 12)
6. To play audio, navigate to your mobile device's audio app and press Play
7. Adjust the volume using the Volume Up/Volume Down buttons (see figure 2)
8. Skip to the next or previous track by pressing the left and right buttons

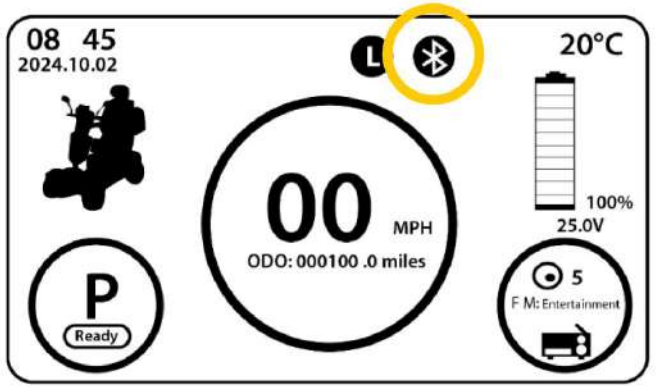


Figure 12 – Bluetooth connection active



Figure 13 – Bluetooth phone settings

5.12 Screen Mirroring

The X-600 Digital Colour Display can mirror the screen from your mobile device (Android or iOS).

To mirror the screen from your mobile phone, follow the below instructions:

1. Turn on the X-600 and connect your mobile phone to the scooter via Bluetooth (see 5.11)
2. Using your mobile phone's App Store download the EYLINK app (see figure 14)
3. Open the EYLINK app and 'Sign in with Apple' or 'Sign in with Google'.
4. Allow the app to access all requested permissions; Location, Media, Microphone, Bluetooth and Notifications.
5. Select the device from the list beginning with 'EDG' or press 'Connect to Dashboard'.
6. When prompted, join the Wi-Fi Network, 'iteAP' and wait for connection
7. Press 'Screen Mirroring', press 'Start Screen Mirroring' and press 'Start Broadcast'.
8. The mobile phone's screen will be mirrored on scooter's Digital Colour Display
9. Open the mobile app you would like to view e.g. Audio Player or Navigation
10. Tilting your phone landscape will orientate the Digital Colour Display landscape
11. Insert your mobile phone upside down into the scooter's Mobile Phone Holder

TOP TIP – Inserting your phone into the holder upside down.
Inserting it the right way up will rotate the Digital Colour Display to portrait mode.

To stop mirroring the screen from your mobile phone, follow the below instructions:

1. Navigate to the EYLINK app and press 'Exit Screen Mirroring'
2. The Digital Colour Display will change back to the operation screen



Figure 14 – EYLINK App icon



Figure 15 – EYLINK App

5.13 USB Charging Ports

The X-600 is equipped with USB Charging Ports on the right-hand side of the tiller column.

Port 1 is located next to the LED light and **Port 2** can be found on right hand side.

USB Port 1: Data port only
This port can be used for playing audio files from a USB drives.

USB Port 2: Charging port only
This port can be used to charge mobile phone and tablets.



Figure 16 – USB charge ports

5.14 Bottle & Mobile Phone Holder

For your convenience, X-600 is fitted with two plastic moulded holders. Use these locations to safely store bottled drink and your mobile phone.

TOP TIP – The bottle holder should not be used to store alcoholic beverages.



Figure 17 – Tiller mounted cup and mobile phone holder

5.15 Bag Holder

There is a convenient bag holder integrated into the scooter's tiller column. This holder can be used to store your personal bag or shopping.

To access the clip, push the bottom of the holder and the clip will push towards you.
The bag holder will carry a **maximum weight of 2.5kg**.



Figure 18 – Bag Holder

5.16 Charge Port

Charging the X-600 can be completed by using the charge port on the tiller.

The port is located on the tiller column on the right-hand side. To charge the vehicle, simply connect the supplied charge cable to the port.

When the X-600 is in charge mode it will not enter drive mode.

TOP TIP – For best results, charge the batteries after every use. The batteries cannot be overcharged because the charger switches off automatically when they are fully charged, but it is still recommended to unplug the charger once the battery is full.

If the scooter is not used for an extended period, we recommend charging the batteries at least once a month.

This helps keep them in good condition and ready for regular use.



Figure 19 – Tiller mounted charge port

5.17 Heated Seat

To activate the Heated Seat function, use the Heated Seat button located below the controls and the main tiller stem. There are three heat level settings; Low, Medium and High.

Off	On
	
When the button LEDs are not illuminated this indicates that the heated seat is off.	When the button is illuminated this indicates the heated seat is on. 3 red LEDs = High 2 red LEDs = Medium 1 red LED = Low



Figure 20 – Heated seat button

6 Maintenance

6.1 Replacing Bulbs

LEDs are energy efficient and long lasting however they may eventually require replacement. LED bulbs can be purchased from the dealer that supplied your X-600. Replacing bulbs should only be completed by an approved dealer, as it involves disassembling units that must be resealed to the original manufacturing specification.

6.2 Battery Care

To access the batteries, the seat must be removed. If your vehicle has a heated seat (optional), both seat connections should be disconnected before removing the seat. To remove the seat, pull the black lever on the right side under the seat and slide it toward the front of the vehicle. The seat can then be lifted straight up.

The batteries in the X-600 normally require no daily maintenance, but you may need to access them for service or inspection. They are located under the seat and protected by a black plastic cover secured with six screws.

After maintenance is complete, make sure the screws are properly reinstalled to secure the battery cover. Then put the seat back in place and check that it is securely locked.

6.3 Fuses

The fuses used on the X-600 are accessible through a covered hatch on the front of the tiller. To access the fuse board, simply pull down on the retaining clip and slide the cover out of place. Fuses should only be changed by professionals, as improper work may damage the its electrical system.



Figure 21 – Fuse box location

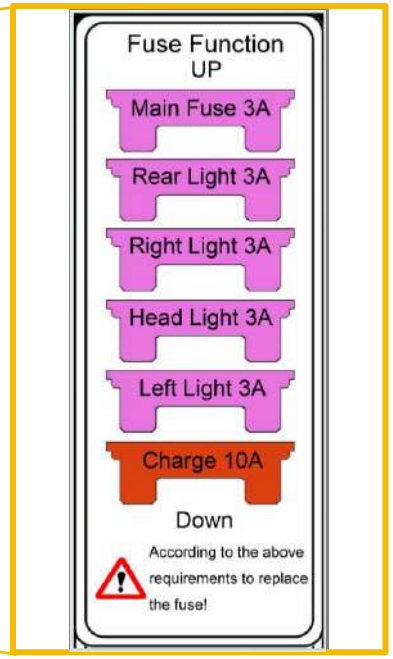


Figure 22 – Fuse box cover

6.4 Tyre Pressures

The tyres on the X-600 are designed to give a good balance between comfort and energy efficiency. Incorrectly inflated tyres may lead to poor handling, reduced range and increased wear. The tyres should always have at least 3mm of tread to provide adequate grip on the road surface. If the tyres become worn, they should be replaced before the X-600 is used again.

Front tyre pressures: 35psi
Rear tyre pressures: 35psi

6.5 Cleaning & Maintenance

6.5.1 Rubber Mats

The rubber mat should be cleaned using a vacuum cleaner with an upholstery brush attached. For stains, a mild mixture of upholstery soap and water may be used, ensuring that the area is thoroughly dried afterwards.

TOP TIP – Please do not use bleach.

6.5.2 Paintwork

To care for the paint, regularly wash the X-600 using soft cloths and a mild automotive detergent. Apply automotive polish to achieve a high-shine finish. It is highly recommended that polish is applied in areas where the paintwork may be exposed to adverse weather conditions.

TOP TIP – Never use boiling water to clean the X-600

7 Warranty

The X-600 comes with a 12 month manufacturer's warranty when purchased new from an authorised dealer. During the warranty period any part which becomes defective due to faulty workmanship or materials will be repaired by the dealer from which it was purchased. If a repair cannot be completed a replacement part will be fitted.

If a manufacturing defect is found, it must be reported in writing to the dealer from which the X-600 was purchased from, within 28 days of purchase.

Items considered to have a limited lifespan including batteries and tyres will not be covered if they are deemed to have undergone excessive wear and tear or misuse.

The warranty does not cover damage arising from improper use of the product, after-market modifications or accidental damage. The warranty is non-transferable.

The warranty does not extend to the consequential costs resulting from fault clearance, freight and travel costs, loss of earnings, expenses, etc.

The manufacturer will not accept responsibility for any damage or injury caused by misuse or non-observation of the instructions set out in this user manual.

8 Specifications

8.1 Technical Specification

Motor	Rear Wheel Drive Sealed Transaxle 450/600W (4 Pole) 24 Volt DC	**Batteries**	Dual 12V 38AH or 55AH
Dashboard	Digital Colour Display 14-button Tiller Max Speed Dial	**Tyres**	Pneumatic

8.2 Sizes & Weights

Length	1270m
Width	685mm
Height	1230m
Motor power	450W or 600W
Controller	PG90A
Brakes	Electromagnetic/ Hydraulic
Weight	100kg (without batts)
Weight capacity	150kg
Ground Clearance	105mm(unloaded)
Tyres	10,4'' pneumatic tyres
Travel Range	<48km
Maximum Slope	12 degrees
Turning Radius	2100mm

1 International Speeds: Available dependant on jurisdiction and local legislation.

2 Range may vary with battery charge/condition/option, terrain type, tyre condition and vehicle loading.

3 The specifications may vary due to manufacturing tolerances and ongoing product improvements

4 Varies with user weight, terrain type, battery charge, battery condition, tyre condition.