CATALOGUE

Europe

LiNX® | INVACARE

Yes, you can.

Smart Technology: Redefining Mobility

Invacare **LiNX** is our **insight inspired** control system with **advanced technology** that provides a **superb driving experience** for users and allows professionals to **configure and tailor** powerchairs quickly and more **intuitively**.

Purpose ⌄

This catalogue helps visualise and understand the different LiNX components proposed and their primary feature sets.

Remotes	Drive Only Remote (traditional joystick orientation)	DLX-REM110
	Actuators Remote (LED menu)	DLX-REM211
	Lights and Actuators Remote (LED menu)	DLX-REM216
	Rehab Remote with 3.5″ Coloured Touchscreen	DLX-REM400
	Rehab Display with 3.5″ Coloured Touchscreen	DLX-REM500
Dual controls	Attendant Remote (joystick in front)	DLX-REM050
	Attendant Control Unit	DLX-ACU200
	Intuitive Attendant Control Unit	IDC
Secondary Inputs (require rehab remote REM400 or 500 as primary remote)	ATOM Head Array	ASL104
	PROTON Head Array	ASL104P
	Four-Switch Proximity Array in Eclipse Tray	ASL106
	Compact Remote	DLX-CR400
	Compact Remote Low Force	DLX-CR400LF
	Compact Single Switch Joystick (HD)	ASL133
	Sip 'n' Puff Head Control	ASL109
	Extremity Control Joystick	ASL138
	MEC (Micro Extremity Control) Joystick	ASL130
	Paediatric Compact Joystick	ASL132
Secondary Modules and Accessories	10-way Switch (wired)	DLX-SW10T
	G-Trac® Module	DLX-GYR100
	4-way Expansion Block	GLM-CON4W
	Input Module	DLX-IN500
	LiNX 2 Port USB Charger	DLX-USB02
	Remote Stop Switch	ASL504
	Wireless Triple Switch Receiver	ASL557-3
	Wireless Mouse Emulator	ASL558
Power Modules	60A Drive Only Power Module	DLX-PM60
	75A Drive Only Power Module	DLX-PM75
	120A Drive Only Power Module	DLX-PM120
	60A Actuators and Lights Power Module	DLX-PM60AL
	75A Actuators and Lights Power Module	DLX-PM75AL
	120A Actuators and Lights Power Module	DLX-PM120AL
Actuator Modules	Two Actuator Module	DLX-ACT200
	Four Actuator Module	DLX-ACT400
Overview Bus Cables and Extensions	Bus Cables – multiple length	GLM-BUS
	Bus Cable Extensions – multiple length	GLM-EXT
Invacare Specific Looms		Accessory looms
Programming Key	LiNX Access Key	DLX-HKEY-01

Remotes ∨

Drive Only Remote

DLX-REM110

- On/Off
- Speed dial
- Horn
- Battery gauge
- Bluetooth™ 4
  - No HID
  - MyLiNX ready
- Enables Adaptive Load Compensation

Drive and Actuators Remote

DLX-REM211

- See REM110
- LED icon based menu
- Two rocker switches for access to multiple drive functions, actuators and connectivity

Drive, Actuators and Lights Remote

DLX-REM216

- See REM211
- Lighting control

Description ∨	Item Number ∨
Drive Only (traditional joystick orientation)	DLX-REM110
Drive and Actuators	DLX-REM211
Drive, Actuators and Lights	DLX-REM216

Remotes

Remotes ⌄

Touchscreen Interface Remote

DLX-REM400

▶ Interactive 3.5" colour touchscreen
▶ Minimal force to operate
▶ Configurable interaction modes to a user's physical and cognitive ability
▶ Swipe or tap operation
▶ Direct access or step by step menu operation
▶ Glove mode setting
▶ Screen lock out ability
▶ Profiles and functions accessible via touchscreen, buttons or joystick
▶ Configurable for left or right handed use
▶ Connectivity with built-in Bluetooth for mouse mover function
▶ Two multi-purpose buttons for direct access
▶ Two stereo jack inputs
▶ Selection of menu navigation

Touchscreen Interface Remote Display

DLX-REM500

▶ Display only version of DLX-REM400
▶ With the On/Off and the multi-purpose buttons at the bottom of the screen
▶ Multiple mounting options

Description ⌄	Item Number ⌄
Touchscreen Interface Remote	DLX-REM400
Touchscreen Interface Remote Display	DLX-REM500

Remotes

Dual Controls ⌄

Attendant Remote

DLX-REM050

▶ Joystick at the front of the remote
▶ Low profile remote designed for easier access to controls
▶ Only available with REM200 level systems

Attendant Control Unit

DLX-ACU200

▶ Allows access of up to 3 drive functions and all seating functions
▶ Graphic display
▶ Attendant in charge indicator
▶ Status LED's

IDC Dual Control

IDC

▶ Allows access to drive function, speed dial, forward and reverse and speed handle
▶ Emergency stop feature
▶ Attendant in charge indicator

Description ⌄	Item Number ⌄
Attendant Remote	DLX-REM050
Attendant Control Unit	DLX-ACU200
Dual Control	IDC

Attendant remotes

Secondary Inputs ⌄

ATOM Head Array

ASL104

▶ Three proximity sensors mounted in the headrest
▶ Egg switch connected to the mode port of the ATOM interface
▶ Built in Bluetooth
▶ Straight pads
▶ User port for external on/off and change to wireless operation

PROTON Head Array

ASL104P

▶ See ATOM
▶ Adjustable wings

Four Switch Proximity Array

ASL106

▶ Four proximity sensors mounted in an eclipse tray
▶ Allows operation of the chair with only a defined range of motion and no force
▶ Built in Bluetooth

Compact Remote

DLX-CR400

▶ Compact joystick with access to multiple profiles and functions
▶ Ideal for users with limited range of motion

Compact Remote Low Force

DLX-CR400LF

▶ See Compact Remote
▶ With lower force joystick

Description ⌄	Item Number ⌄
ATOM Head Array	ASL104
PROTON Head Array	ASL104P

Description ⌄	Item Number ⌄
Four Switch Proximity Array	ASL106
Compact Remote	DLX-CR400
Compact Remote Low Force	DLX-CR400LF

Secondary Inputs

Secondary Inputs ⌄

Compact Joystick Single Switch

ASL133

▶ Specially shaped and sized makes it easier to grab and manipulate

▶ Single function switch

▶ Ideal for users with high muscle tone/ uncontrolled movement

Sip 'n' Puff Head Array

ASL109

▶ Combines simple sip and puff (forward / reverse) controls with head movements (left / right)

▶ Controlled by sensors located in the lateral wings of the head array

▶ Lip switch allows users to rest or change functions

▶ Connects via Input module

Extremity Control Joystick

ASL138

▶ Very small profile joystick

▶ Ideal for chin control

▶ Headrest and an egg switch included

▶ Built in Bluetooth

MEC Joystick

ASL130

▶ Designed for users with muscle weakness or fine motor control

▶ Very low force joystick

▶ Built in mode switch

▶ Built in Bluetooth

Paediatric Compact Joystick

ASL132

▶ Compact Joystick

▶ Ideal for users with limited range of motion

▶ Connects via Input module

Secondary Inputs

Description ⌄	Item Number ⌄
Compact Joystick Single Switch	ASL133
Sip 'n' Puff Head Array	ASL109
Extremity Control Joystick	ASL138

Description ⌄	Item Number ⌄
MEC Joystick	ASL130
Paediatric Compact Joystick	ASL132

Secondary Modules ⌄

10-Way Switch

DLX-SW10T-A

▶ Direct access for 5-10 functions
▶ Wired unit (jack terminal)
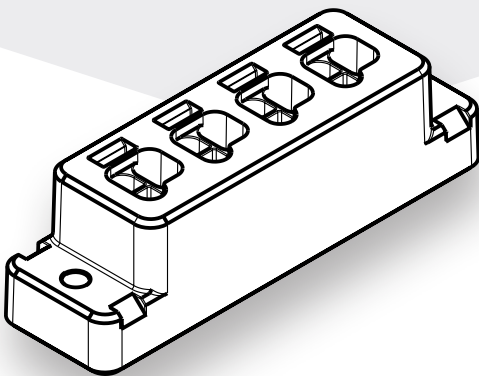
G-Trac® Drive Control Bus Module

DLX-GYR100-A

▶ Can be added to any LiNX power module

Bus Expansion Block (4-way)

GLM-CON4W-A

▶ 4-way bus socket

	Description ⌄	Item Number ⌄
Secondary modules and other	Direct Switch Access	DLX-SW10T-A
	G-Trac Module	DLX-GYR100-A
	4-way Expansion Block	GLM-CON4W-A

Secondary Modules ⌄

Input Module

DLX-IN500

▶ Required for Sip 'n' Puff configurations as well as third party alternative inputs
▶ Accepts proportional and switched inputs
▶ White status LED (active demand status)

▶ Configurable V out for sensor support
▶ DB9 serial port
▶ Stereo jack socket for control inputs
▶ Sip 'n' Puff input nozzle
▶ 2 x bus sockets

USB Charger

DLX-USB02

▶ 2 x USB 2.0 ports supply up to 1A each
▶ Rail mounting feature enables easy access

Remote Stop Switch

ASL504

▶ Allows the chair to be stopped within a range of 6 meters

Wireless Triple Switch Receiver

ASL557-3

▶ Gives head array, proximity array, MEC joystick and Extremity Control joystick wireless access to communication devices when a separate switch is inserted in the user port of the interface

Wireless Mouse Emulator

ASL558

▶ Gives head array, proximity array, MEC joystick and Extremity Control joystick wireless access to communication devices when a separate switch is inserted in the user port of the interface

Secondary modules and other	Description ⌄	Item Number ⌄
	Input Module	DLX-IN500
	USB Charger	DLX-USB02
	Remote Stop Switch	ASL504

Description ⌄	Item Number ⌄
Wireless Triple Switch Receiver	ASL557-3
Wireless Mouse Emulator	ASL558

Power Modules ⌄

Drive Only Power Module

DLX-PM60, DLX-PM75, DLX-PM120

▶ 60-120 Amp
▶ 2 x Bus sockets
▶ Adaptive Load Compensation
▶ Real time clock
▶ 2 x general purpose input for inhibit, function change and drive slow down
▶ 1 x general purpose input/output
▶ On board charger inputs

Power Module with Actuators and Lights

DLX-PM60AL, DLX-PM75AL, DLX-PM120AL

▶ 75 and 120 Amp
▶ Programmable boost current
▶ 2 x actuator outputs
▶ Lighting outputs (24V / 12V)
▶ 2 x Bus sockets
▶ Adaptive Load Compensation
▶ Real time clock
▶ 3 x general purpose inputs for control input
▶ 1 x general purpose input/output
▶ On board charger inputs

	Description ⌄	Item Number ⌄	Fox™	Bora®	Spectra® XTR2 HD	Kite®	Kite® HD	Storm®4 Series	TDX® SP2 / NB Modulite™	TDX® SP2/ NB Ultra Low Maxx
Power Modules	60A Drive Only	DLX-PM60	◆							
	60A Drive, Actuators + Lights	DLX-PM60AL	◆							
	75A Drive Only	DLX-PM75		◆		◆				
	75A Drive, Actuators + Lights	DLX-PM75AL		◆		◆				
	120A Drive Only	DLX-PM120			◆		◆	◆	◆	
	120A Drive, Actuators + Lights	DLX-PM120AL			◆		◆	◆	◆	◆

* Please refer to eSPC for the Invacare spare part item number of the specific power modules with pre loaded chair configurations.

Actuator Modules ⌄

Two Actuator Module

DLX-ACT200

- ▶ On board angle sensor
- ▶ Status LED
- ▶ Refined actuator control
- ▶ Per channel control of actuator current (no shared H-bridges)
- ▶ Smart seating ready
- ▶ Connectors:
  - 2 x bus ports
  - 2 x actuator ports
  - 6 pin including 4 x "control inputs*" pins and 2 ground pins

  (*control inputs include support for slow down/lock out and max. angle signals as well as switch inputs)

Four Actuator Module

DLX-ACT400

- ▶ See ACT200
- ▶ 4 x actuator ports

Description ⌄	Item Number ⌄
Two Actuator Module	DLX-ACT200
Four Actuator Module	DLX-ACT400

Overview of Bus Cables ⌄
Multiple length and extensions

<table>
<tr><th colspan="2"></th></tr>
<tr><th>Description ⌄</th><th>Modules ⌄</th></tr>
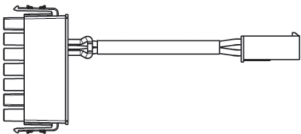<tr><td>Bus cable 300 mm</td><td>GLM-BUS030-A</td></tr>
<tr><td>Bus cable 500 mm</td><td>GLM-BUS050-A</td></tr>
<tr><td>Bus cable 700 mm</td><td>GLM-BUS070-A</td></tr>
<tr><td>Bus cable 1000 mm</td><td>GLM-BUS100-A</td></tr>
<tr><td>Bus cable 1200 mm</td><td>GLM-BUS120-A</td></tr>
<tr><td>Bus cable 1500 mm</td><td>GLM-BUS150-A</td></tr>
<tr><td>Bus cable 1700 mm</td><td>GLM-BUS170-A</td></tr>
<tr><td>Bus cable 2000 mm</td><td>GLM-BUS200-A</td></tr>
<tr><td>Bus cable 2500 mm</td><td>GLM-BUS250-A</td></tr>
<tr><td>Bus extension 640 mm</td><td>GLM-EXT064-A</td></tr>
<tr><td>Bus extension 900 mm</td><td>GLM-EXT090-A</td></tr>
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Bus Cables and Extensions

Invacare Specific Looms ⌄
Accessory looms

Description ⌄
Accessory loom for 10-way switch and button (lifter version)
Accessory loom for 10-way switch and button

IVC Cables

Programming Key ⌄
Programming and Diagnostic Access Key

Description ⌄	Item Number ⌄
LiNX Access Key	DLX-HKEY-01

Secondary Modules ⌄

The following items show the sets of modules that make up each layer of the solution map.

Description ⌄	Item Number ⌄	Fox	Bora	Spectra XTR HD	Kite	Kite HD	Storm 4 Series	TDX SP2 NB Modulite	TDX SP2 Ultra Low Maxx
Power Modules									
60A Drive Only	DLX-PM60	◆							
60A Actuators & Lights Power Module	DLX-PM60AL	◆							
75A Drive Only	DLX-PM75		◆		◆			◆	
75A Drive, Actuators & Lights	DLX-PM75AL		◆		◆			◆	
120A Drive Only	DLX-PM120			◆		◆	◆		
120A Drive, Actuators & Lights	DLX-PM120AL		◆			◆	◆		◆
Remotes									
Drive Only remote (traditional)	DLX-REM110	◆	◆	◆	◆	◆	◆	◆	
Drive & Actuators	DLX-REM211	◆	◆	◆	◆	◆	◆	◆	◆
Drive, Actuators & Lights	DLX-REM216	◆	◆	◆	◆	◆	◆	◆	◆
Rehab Remote with 3.5″ coloured touchscreen	DLX-REM400	◆	◆	◆	◆	◆	◆	◆	◆
Rehab Display with 3.5″ coloured touchscreen	DLX-REM500		◆	◆	◆	◆	◆	◆	◆
Attendant controls									
Attendant Remote (joystick in front)	DLX-REM050	◆	◆	◆	◆	◆		◆	
Attendant Control Unit	DLX-ACU200	◆	◆	◆	◆	◆	◆	◆	◆
Intuitive Attendant Control Unit	IDC		◆	◆	◆	◆	◆	◆	◆
Secondary Inputs									
Compact Remote	DLX-CR400		◆	◆	◆	◆	◆	◆	◆
Compact Remote Low Force	DLX-CR400LF		◆	◆	◆	◆	◆	◆	◆
Proportional Chin Joystick	ASL138		◆	◆	◆	◆	◆	◆	◆
ATOM Head Control with Egg Switch	ASL104								◆
PROTON Head Control with Egg Switch	ASL104P								◆
Four-Switch Proximity Array in Eclipse Tray (requires Input Module)	ASL106								◆
MEC Proportional Joystick (Micro Extremity Control)	ASL130								◆
Compact Single Switch Joystick (HD)	ASL133								◆
Pediatric Compact Joystick (requires Input Module)	ASL132								◆
Sip 'n' Puff Head Control (requires Input Module)	ASL109								◆
Seating									
Two Actuator Module	DLX-ACT200		◆	◆	◆	◆	◆	◆	◆
Four Actuator Module	DLX-ACT400		◆	◆	◆	◆	◆	◆	
Other									
10-Way Switch	DLX-SW10T-A		◆	◆	◆	◆	◆	◆	◆
G-Trac Module	DLX-GYRO		◆	◆	◆	◆	◆	◆	◆
4-way Expansion Block	GLM-CONX4		◆	◆	◆	◆	◆	◆	◆
Input Module	DLX-IN500								◆
LiNX 2 Port USB Charger	DLX-USB02		◆	◆	◆	◆	◆	◆	◆
Remote Stop Switch	ASL504								◆
Wireless Triple Switch Receiver	ASL557-3								◆
Wireless Mouse Emulator	ASL558								◆
Accessory Loom for 10-Way Switch and Button or remote stop (lifter version)			◆	◆	◆	◆	◆	◆	◆
Accessory Loom for 10-Way Switch and Button or remote stop	-		◆	◆	◆	◆	◆	◆	◆
LiNX Programming Tool	LiNX iOS	◆	◆	◆	◆	◆	◆	◆	◆
LiNX Programming Tool	LiNX PC	◆	◆	◆	◆	◆	◆	◆	◆
LiNX Access Key	DLX-HKEY-01	◆	◆	◆	◆	◆	◆	◆	◆

Available on

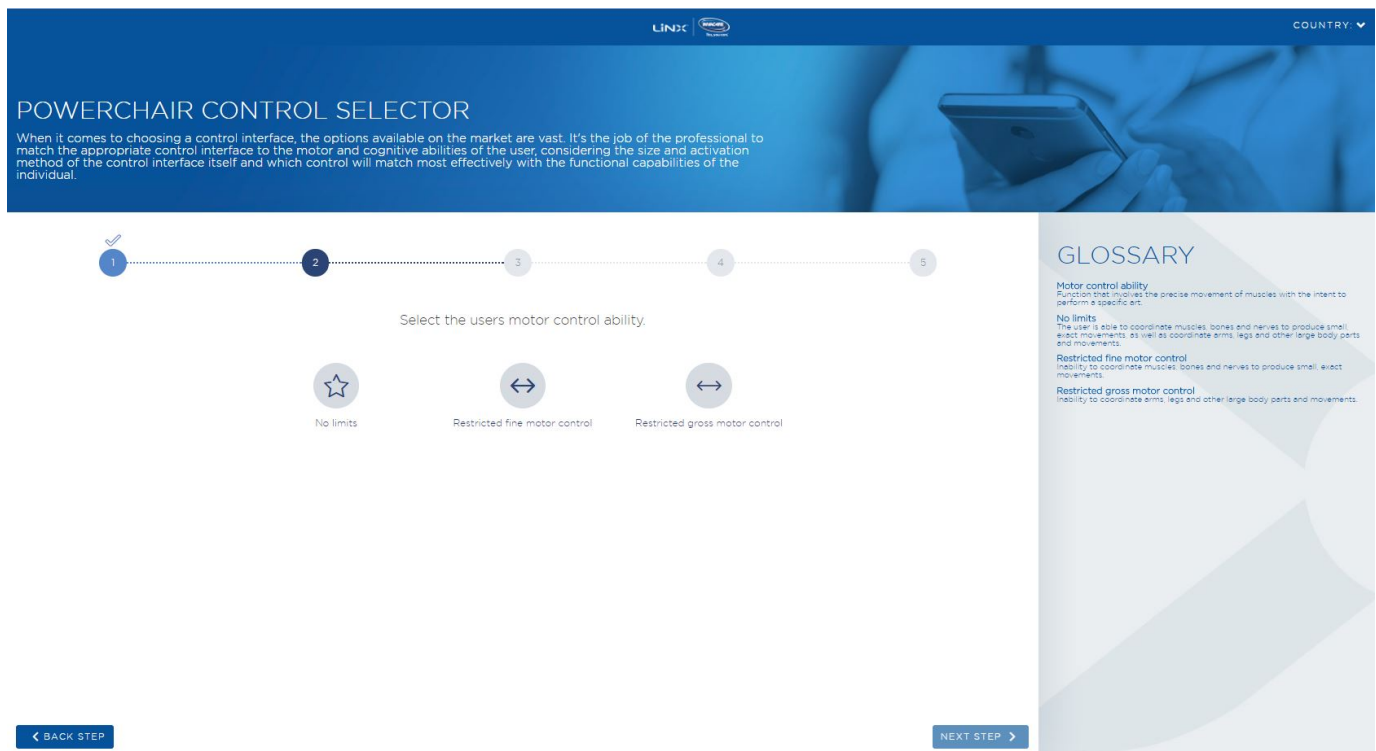# Powerchair Control Selector App.

When it comes to choosing a control interface, the options available on the market are vast.

It's the job of the professional to match the appropriate control interface to the motor and cognitive abilities of the user, considering the size and activation method of the control interface itself and which control will match most effectively with the functional capabilities of the individual.

This app has five simple steps to follow and will generate a recommended control based on the inputs provided.

Take a look at the app by visiting **www.linx4you.com** or download the **linx4you app** at the Google Play App Store.

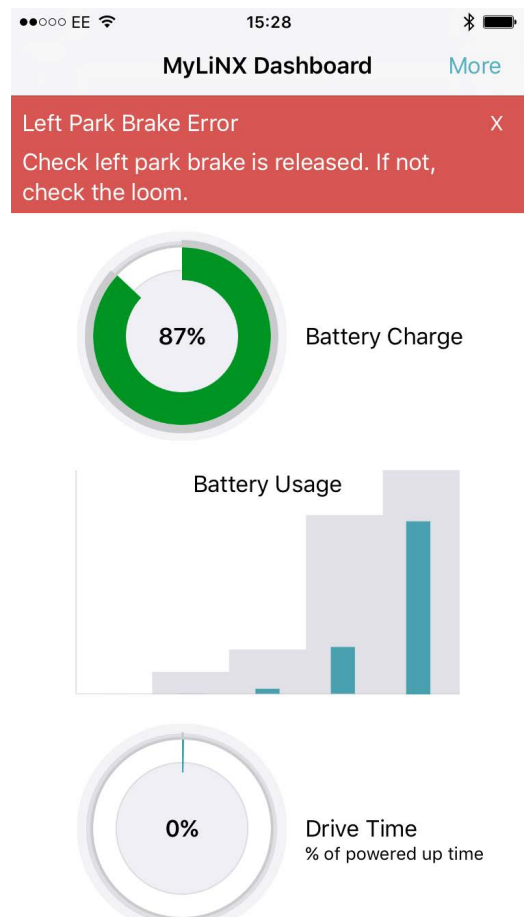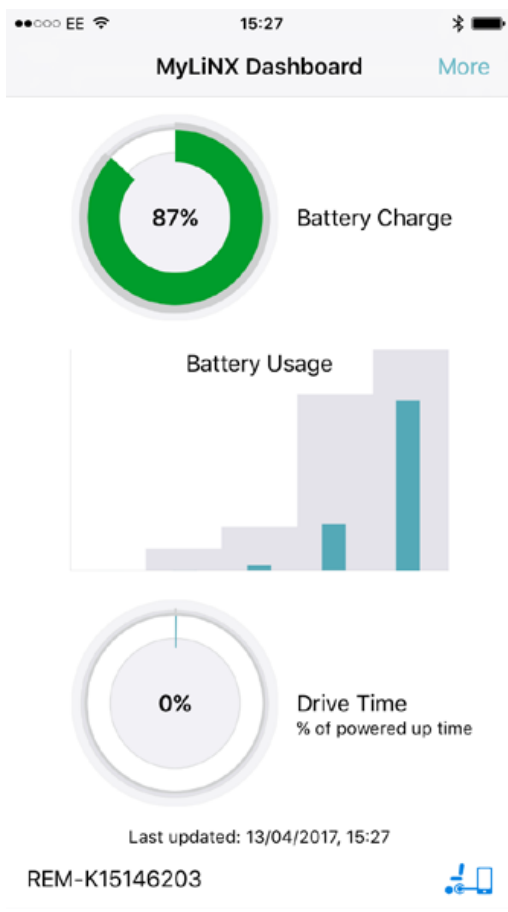Please note, this app does not replace clinical judgement.

MyLiNX App.

This game changing app eliminates the worry of battery life and anxiety or things going wrong with the powerchair, allowing the user to get on with and enjoy life.

By connecting wirelessly to the Invacare powerchair, MyLiNX provides vital information and data regarding the chair's drive time, battery life and overall usage.

Also, when the user is out and about, and the powerchair has a fault, the app allows the user to alert their provider quickly and easily, giving them complete peace of mind.

Search and download the **MyLiNX app** for free at the Google Play App Store.

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MyLiNX Dashboard More

87% Battery Charge

Battery Usage

0% Drive Time
% of powered up time

Last updated: 13/04/2017, 15:27

REM-K15146203

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MyLiNX Dashboard More

Left Park Brake Error X
Check left park brake is released. If not, check the loom.

87% Battery Charge

Battery Usage

0% Drive Time
% of powered up time

Trusted Solutions,
Passionate People