

Groove[™]
SERIES

DELPHI[®]

Just imagine...

CONTROL SYSTEMS



INNOVATE.[™]
BUILD FOR THE FUTURE

Just Imagine...

A power mobility solution that is truly tailored around the needs of the client. A choice of seating, a power base for high performance mobility and the most intelligent drive system...

The Groove™ Series from Quickie

Balancing the needs and lifestyle expectations of users, time pressures on therapists and the increasing issue of cost control- these were the key design goals for the new Groove series of powerchairs.

This new series breaks the mould with design, modularity and advanced performance; improving peoples' lives through high quality innovative products.

Just imagine ... and then experience the reality.

The power³

This advanced concept maximises the number of options with a simple solution- one platform offering:

- 3 seating systems
 - 3 interface options
- and for the first time
- 3 interchangeable power bases



Lifetchanging

Quickie controls by

DELPHI



In partnership with world leading electronics manufacturer Delphi, power chair drive controls take on a whole new meaning, providing users and therapists with the most advanced electronics to reach this industry in the last 10 years.

Built with IR technology, assignable functional buttons and upgradeable software, the client is not only more independent, but can simply take control.

'Revolutionary'

The new Delphi system offers more functionality than any Standard Control system ever has before, but maintains a quick and simple set up process and is easy to use.

'Adaptable'

Delphi and Quickie offer a wide range of 3rd party control interface options such as Head Controls and Mini Joysticks, all as standard offerings. Now you can specify TASH, HMC, Switch-It etc. at point of sale. Bracketry for all products, both Delphi and 3rd party, is available, also as standard.

'Customisable'

Customise your Control System – Need an interface lead to connect your Communicator to the Delphi system? With Quickie's new "Built 4 Me" policy you can get your own 3rd party devices interfaced with the minimum of fuss.



DELPHI

Controls more powerful
than ever before

Switched / Latched Driving on Standard Hand Controls

Need to try your client with Switch control options? No need to fit a new system. Simply programme your Delphi Hand Control for Switched control, and your client can try out all of the options that switch control offers, such as Latched and Cruise control driving modes.

Faster recognition and training with icon driven menus

To simplify the cognition of some users driving the controls system, Delphi's technology now allows iconic symbols to be used to speed up the users' recognition and learning.

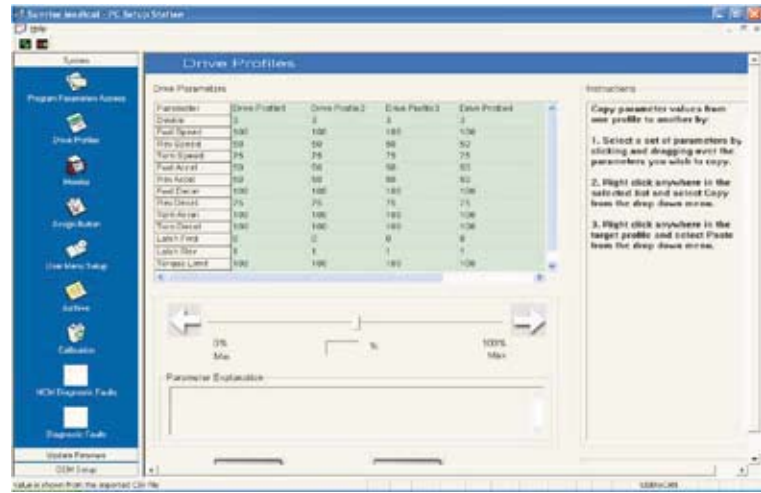


Intuitive Programming and Client Archiving Software

Programme your clients chair easily and simply with the new Delphi PCSS software. Keep full and complete archive records for all of your clients, detailing Controller parameters (both current and historic), Diagnostic information and current and archived software versions.



Icon driven menus



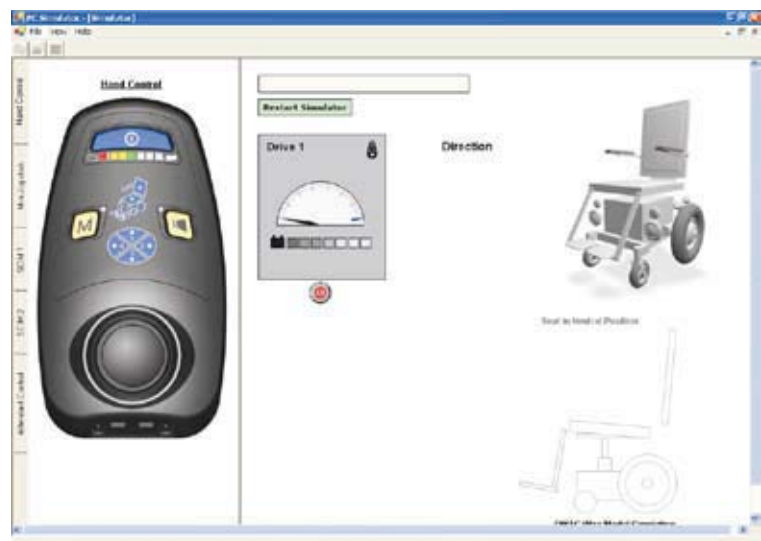
Learning and training simplified by the Delphi simulator

Speed up learning, shorten assessment and make the whole process simpler and faster.

Just imagine ..

Teaching a user the basics of their control system without even having their controls in front of them.

Simple.....with Delphi Simulator from Quickie.



Multi-tasking with Assignable buttons

Power control systems can now be multi-tasking. Just imagine driving and being able to hold a conversation using a communicator at the same time or opening a door as you approach.

Less frustration with the Enhanced Display

Take away the frustration of having to spend time accessing key functions that are hidden away in complex pre set menu structures . Simply set up your menu on the Enhanced Display to give instant access to all your important functions – saving valuable time.



'Learning the system'

Entertain friends, family or yourself simply, with Infra Red technology built in!

Delphi & Quickie's simplified approach to interfacing the chair with everyday consumer electronics, means control of favourite TV programmes, CD tracks, DVD movies, or web pages - and much more - are simply and easily available through the Groove controller - configured as the user prefers.



No more annoying delays while accessing an important function – with Delphi – assignable buttons users can do both simultaneously.

Favourites first – with Assignable buttons

Decide on the most routinely used functions and get to them quicker - in fact in one touch of a button - using the new assignable button technology – users' most important functions are accessed first, whether - it's 'seat lift' or 'seat tilt'.



Simply take



Intellidrive™ - for new levels of directional control

No longer will users need to make those annoying corrections or feel their wheelchair is out of control. Intellidrive brings together a combination of intelligent software and electronics that continually receives input from the motors balancing the speed, to improve drive performance. The output from both motors is regulated, making the 'drive' straight even when using switch controls, and also providing a more efficient kerb climbing capability.



Lie back , relax and put your feet up – all at the same time – with Quickie **Synchronised Recline**



Because of the sophistication of Delphi software you are now able to simply programme your Controller to allow you to have leg rests, back recline and seat tilt activated simultaneously adding to your comfort and convenience.



control

Service and Management benefits

Plug and Play Control System

Want to expand your Delphi system? Simply plug in your new module and the control system instantly recognises the new device.

Future Proofed Control System

No more redundant Control hardware! With the Delphi upgradeable software products, your old

Control hardware can be instantly updated to accommodate all of the new features.

Easy to Service

Now you can replace Joysticks, cables and even upgrade your Hand Control to accommodate extra switches and a potentiometer, simply by removing the adaptable heel on the Hand Control.

Inbuilt Tachometer Feature

Allows speed and distance calculations to be displayed to Enhanced Display users, giving real time information and allowing Service Agents access to accurate Chair usage statistics.

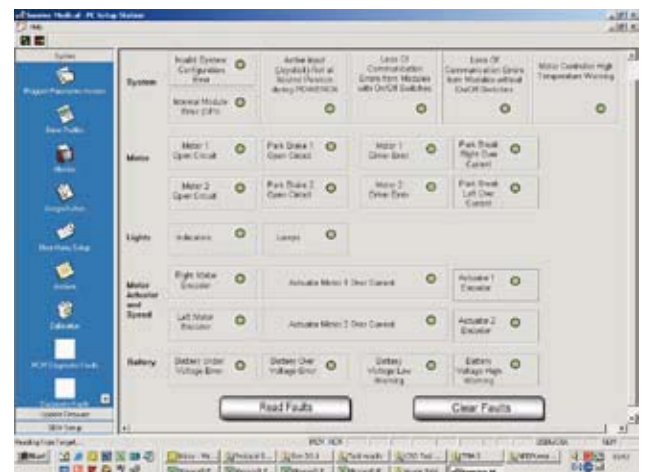


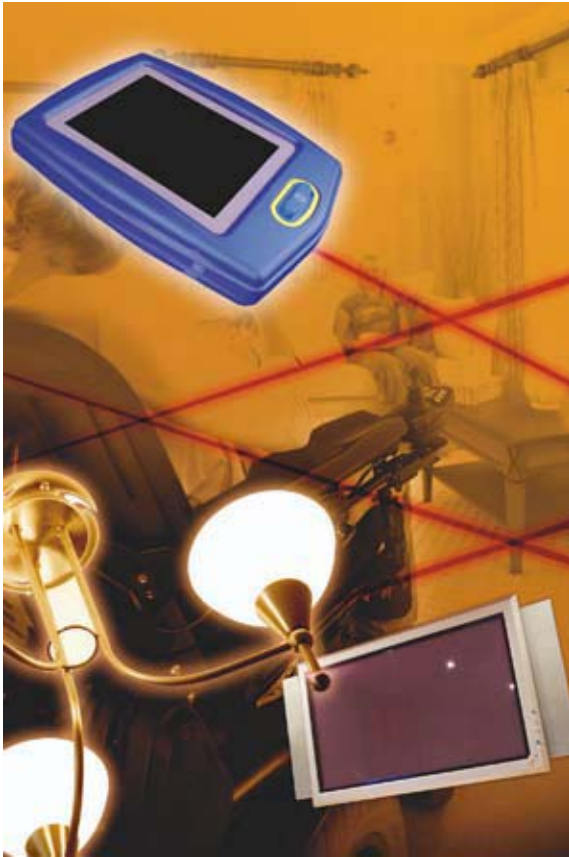
Diagnostic Package

Rapid, reliable diagnostics - saving time and money.

Just imagine ...

A system that immediately troubleshoots a chair and displays all faults - simultaneously. Simple... with the new Delphi Diagnostic package from Quickie - saving time and disruption to users by avoiding time consumed by repeat investigations.





Technical Specifications

Supply Voltage:	24V DC
Operating Voltage:	16V DC to 33V DC
Peak Voltage:	38V DC
Reverse Battery Voltage:	38V DC
Drive Current:	70A QC Controller 100A QR Controller
PWM Frequency:	20KHz
Brake Voltage:	Programmable 12V DC or 24V DC
Brake Current:	2A Max per brake
Battery Charging Current:	13A rms max.
Actuator Current:	10A Max.
Moisture Resistance:	IPX4 Min.
Safety:	Hardware and Software designed to comply with ISO7176/14
Operating Temperature:	-25°C to 50°C
Storage Temperature:	-40°C to 70°C
EMC on Sample Wheelchair:	
Susceptibility:	Tested at 40V/m to EN12184 and ANSI/RESNA requirements
Emissions:	To EN55022 Class B
ESD:	IEC801 Part 2

For further information please refer to individual brochures on:

Groove Series
Drive Bases
Seating & Accessories

STLPS™
Sunrise Training and Education Programmes
KNOWLEDGE FOR THE FUTURE

Groove™
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SUNRISE MEDICAL®

Sunrise Medical Limited
High Street Wollaston
West Midlands
DY8 4PS, UK

CE Tel: +44 (0) 1384 44 66 88
www.quickiepower.com
For international enquiries e-mail:
International@sunrisemedical.de

SR0050

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