

- R-net specialty control interface
- Two-section design, featuring slimline display
- Large, high resolution, 3.5" VGA screen
- Integrated Bluetooth technology
- Infra-Red (IR) control
- Built-in light sensor
- USB charging socket
- High-volume horn
- Dual-channel inputs, analogue and digital
- Sip-and-Puff transducer
- On-board configuration programming
- Electronics sealed to IPx4
- Backwards compatible – 'Connect & Go'

The next-generation Omni2 sets new standards in universal specialty control – not least from the inclusion of a high-resolution, 3.5" full VGA screen. Reflecting a family-look with the recently introduced CJSM2, the clear and crisp graphics are made as large as possible to indicate the operating status of the powerchair.

The new, aesthetically-pleasing, two-section design, features an ultra-slimline display. This includes an in-built light sensor that automatically adjusts screen brightness for improved visibility in sunlight or reduced glare in environments such as the cinema.

All of the Specialty Input Device (SID) connections are housed in a discrete, second input section, ensuring the user's view is 'decluttered' from excessive wiring. A thin, flexible, interconnecting cable for ease of routing, further enhances chair ergonomics. The Input Section also features an integrated USB port – ideal for mobile device charging, and a large speaker with programmable horn volume.



Integrated Bluetooth technology comes as standard with the Omni2, enabling control of up to 4 devices, for example PCs, Android tablets, iPads, iPhones and other smart devices. To switch between devices, the user simply navigates the display menu and makes a selection with the SID.

Infra-Red (IR) communications' capability enhances the Omni2 further, allowing users to remotely control household devices such as TVs, DVD players, multi-media systems and home-automation equipment. IR codes can be learnt or downloaded from a library.

Easy-to-navigate, on-board programming (OBP), offers healthcare professionals a convenient method of customizing the control system for the maximum benefit of the user. There is no limit to the number of powerchair functions the Omni2 can control. Also, thanks to the R-net's 'Connect & Go' philosophy, Omni2 is backwards compatible with existing systems, meaning no software updates are necessary.

## SPECIFICATIONS

### ELECTRICAL

SUPPLY VOLTAGE	24Vdc
OPERATING VOLTAGE	16V-35Vdc
OPERATING VOLTAGE PROTECTION	40Vdc
REVERSE BATTERY PROTECTION	-40Vdc
INPUT DEVICE SUPPLY VOLTAGE	12Vdc
MAX. BATTERY CHARGING CURRENT	12Arms (use Neutrik NC3MX as the mating connector only)
USB CHARGING PORT	2A max. (Type A)

### ENVIRONMENTAL

MOISTURE RESISTANCE	Electronics to IPx4
OPERATING TEMPERATURE	-25°C to +50°C
STORAGE TEMPERATURE	-40°C to +65°C
EMC ON SAMPLE POWERCHAIR	Tested to BS EN ISO 7176-21
IMMUNITY	Tested at 30V/m
EMISSIONS	Tested at 30MHz to 230MHz, 40dB (µV/m) and 230MHz to 1GHz, 47dB (µV/m)
ESD	8kV
SAFETY	Designed to the relevant requirements of EN 12184, EN 62304, ISO 7176

## PRODUCT CODES

DISPLAY SECTION	LCD Display
INPUT SECTION	Main Connector Housing
CABLE	Interconnecting Cable

## DIMENSIONS

