

# Making special controls easy





## Special controls: Complex needs, simple solutions

Whatever your physical challenge, you want to control your power wheelchair - and your environment - with ease. With Sunrise Medical HCM's special controls, based on the universal R-net Omni, you choose the solution that fits your personal requirements in four simple steps. A minimal movement of a finger or a nod of the head can be enough to put you in control.

It all starts with choosing the input device that enables you to operate your chair. Determine the way it is mounted and how it functions – manually or electrically. And complete with accessories that fit your requirements. With our carefully selected special control kits you know exactly what you get, and can expect a speedy delivery. Progressive condition? Our solutions are highly flexible and can be easily adapted to changing needs. Sunrise Medical HCM, special controls made easy to empower you.





## 10 reasons to choose **Omni**

- Large, hi-resolution colour LCD display
- Large, easy-to-read icons
- Customizable user menu and user text
- Two channel inputs for two special controls
- Compatible with all other R-net modules
- Easy to program – on board and via PC
- Built-in scanner
- Built-in sip and puff control
- Built-in infrared (IR)
- Can control all power wheelchair functions – and your environment!



## Why Omni?

Sunrise Medical HCM has selected the universal R-net Omni as the standard interface for special controls on Puma 40 power chairs. The highly flexible Omni – the only single module system on the market - features a user-friendly hi-resolution LCD display and can be easily combined with a wide range of input devices for easy operation of a variety of functions. Naturally, the Omni can be fully customized to your personal requirements, including menu set-up, display colours and language preferences. Changing needs? Plug & play and simple programming allow for quick and easy adjustment – no need to replace your Omni system.

### **Control your environment**

The Omni also enables you to control your communications and environmental equipment, via infrared or bluetooth. TV, DVD, lights, doors, coffee maker, computer, tablet or mobile phone? It is all up to you with the all-in-one Omni system.

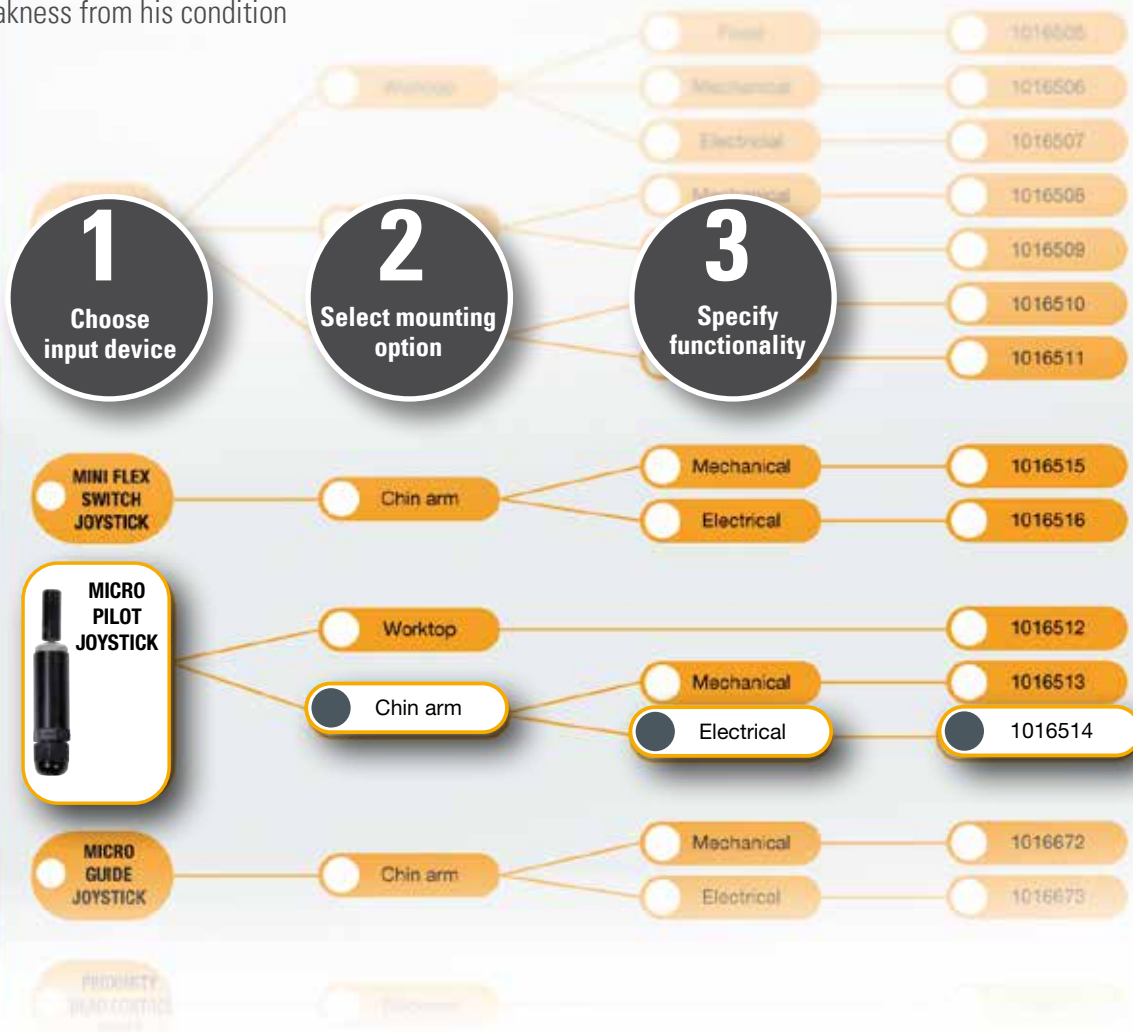


## Persona: Michael (37)

**Condition:** Multiple sclerosis (MS)

**Goals:** Control all wheelchair and seating functions as well as communications and environmental equipment: TV, stereo, PC and mobile phone.

**Control requirements:** Ultra-light operation, no deflection of the joystick, alternative mounting and power swing-away due to weakness from his condition



## Choose your special control solution in 4 simple steps

Whatever you need to operate your wheelchair and environment, choosing the right special control option should be easy. That is why Sunrise Medical HCM has developed a unique range of special control kits, carefully selected to suit most needs. In 4 simple steps, we help you choose the solution that optimally fits your personal requirements.

4

Complete with  
accessories

Joystick knobs

Ball

Chin cap

Foot pedal

Head

Hand

Sun screen

Control panel

Control panel

### Solution:

- Omni for built-in IR communications with TV and stereo
- Micro Pilot Joystick for its zero deflection and ultra-light operation
- Mounting on chin arm for easy control; electrical swing-away function allows Michael to watch TV while relaxing
- Bluetooth modules for PC and Android allow for easy use of his computer and mobile phone



## Special controls overview

### Input devices

The Omni is compatible with a wide range of input devices. Choose the one that fits your specific requirements – or select two, if required. Naturally, it is easy to exchange or add a special control option and adjust to changing needs. Plug & play, all with the same Omni system.

#### External Joystick

Regular joystick feel and pressure to operate all functions.

**Mounting on:** Worktop (fixed, manual and electrical flip-down), chin arm (manual and electrical swing-away), armrest.



#### Micro Pilot Joystick\*

Non-deflection joystick (zero movement). Required force to operate the wheelchair is limited and individually adjustable.

**Mounting on:** Worktop (fixed), chin arm (manual and electrical swing-away).



#### External Joystick Lite

Light touch requires half the force of the External Joystick.

**Mounting on:** Worktop (fixed, manual and electrical flip-down), chin arm (manual and electrical swing-away), armrest.



#### Micro Guide Joystick\*

Requires minimal movement of the finger or chin to operate the wheelchair. Minimal deflection of the joystick.

**Mounting on:** Worktop (fixed), chin arm (manual and electrical swing-away).



#### Mini Flex Switch Joystick\*

5 light-touch switches: forward, reverse, left, right, on/off. Minimal movement of the chin is enough to operate the wheelchair.

**Mounting on:** Chin arm (manual and electrical swing-away).



#### Proximity Head Control Array\*

All functions are operated by movements of the head.

**Mounting on:** Backrest



\*All light-touch input devices are particularly suitable for conditions like muscular dystrophy (MD), myopathy, fibromyalgia, polymyositis, multiple sclerosis (MS) and motor neurone disease (MND).



## Mounting options

Special control input devices can be mounted in various ways.  
Choose the mounting option that ensures easy operation for you.

### Mounting on worktop



Fixed



Manual flip-down



Electrical flip-down

### Mounting on backrest



### Mounting on chin arm



Manual swing-away



Electrical swing-away

### Mounting on armrest



Same side as Omni



Opposite side of Omni

## Accessories Choose any accessory to fit your needs

Foam ball

T-bar

Mushroom

Ball

Chin cup



Sun screen



Bluetooth module for PC

Bluetooth module for Android

## Customized solutions **for you**

Sunrise Medical HCM special controls are a great solution for many power wheelchair users. However, we appreciate that in some situations our 'standardized' special control kits are simply not enough. That's when you get in touch with our customization specialists. To them, nothing is impossible. Whatever your special needs are, they will always look at what you can do. And create a truly tailor-made solution that suits your personal requirements and gives you maximum independence in daily life.

'Together with you we will find the solution that gives you maximum mobility and independence!'









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