



# SPACE DRIVE II



German designed and made with a precision and smoothness of operation that is unrivalled worldwide. People the world over have regained their freedom, independence and mobility thanks to this beautifully designed suite of controls.

These controls operate electromechanically driven motors via digital control units to result in the lowest possible effort driving and incredible accuracy. Even those facing significant challenges can drive whether it be, low residual strength, minimal movement capabilities or loss or paralysis of limbs.



- Ergonomic and incredibly flexible; SPACE DRIVE controls combine harmoniously and can be positioned anywhere to provide ultimate convenience and ease-of-use for the driver
- Individualised: Software and hardware are calibrated by our specially trained Occupational Therapist and technicians to suit the personal needs of the user and can be adjusted for any changes in their condition.
- Active redundancy: Dual systems running in parallel and a backup power supply ensure full control is maintained in the case of engine or control circuit failure. Triple redundancies; absolute failsafe.
- Sophisticated steering controls: Speed-dependent steering facilitates customised to the individual means easy, safe driving even at high speeds
- Certified to the highest standards; EMC tested, ISO 26262 certified and tested to ECE-R-79 and ECE-R14 TUV approval, and numerous international awards. The system has been fitted and is in use in many vehicles Australia wide.
- Safety assured: Fully tested on a hydropulser over 20 million km under the toughest conditions to ensure your safety. With over 10 years as a PARAVAN service partner including in-house training at their facility in Germany for SPACE DRIVE X-Wire system and application, rest assured your in good hands...





# SPACE DRIVE II

## HI-TECH SOLUTIONS FOR A HIGHLY MOBILE LIFESTYLE

These controls are sophisticated enough to be used by a jet fighter pilot but you don't need to be one to drive using the SPACE DRIVE SUITE



AVAILABLE WITH A VARIETY OF ORTHOTICS



### MINI STEERING WHEEL

Supremely easy to handle at only 15cm diameter this device is for people no longer able to turn a conventional steering wheel. The MINI STEERING WHEEL requires zero effort, is extremely accurate as well as being attractively and ergonomically designed.

It is designed to easily perform low speed maneuvering and parking as well as high speed turns. It can easily be installed with optional integrated touch sensors for automatic transmission gear selection.



### ACCELERATOR AND BRAKE LEVER

An Electronic accelerator and braking system. Simply push forward for brake and pull back for acceleration. The controller can be mounted for left-hand or right-hand operation and can be programmed to meet the respective needs of the individual in terms of the operating range and strength required.



### JOYSTICK

The Joystick operates in a similar way to an electric wheelchair joystick and its just as easy to use. There are three versions

- Steering (2-way system)
- Accelerating and braking (2-way system)
- Steering, accelerating and braking (4-way system)

More input devices are available for other disabilities including foot steering

### SECONDARY FUNCTION CONTROL

Touch and voice sensors for operating the secondary controls including horn, low and high beam headlights, wipers and indicators. It can also be programmed for keyless start and for gear selection.

For added functionality other functions can be included for maximum convenience such as door and window opening, ramp/hoist lowering, climate control etc.

You can even sync you smartphone to the controller for wireless functions on the go.



### DRIVING INSTRUCTORS CONSOLE

Our driving instructor and Occupational Therapist have been specially trained by Paravan in Germany to specialise in Space Drive technologies.

For added safety and confidence during instruction or evaluation, our driving instructor can take full control of the vehicle using this console if the driver gets into a dangerous situation.

**LEADING THE WAY IN DRIVING SOLUTIONS FOR PHYSICALLY CHALLENGED AUSTRALIANS SINCE 1989**