

PLUG & PLAY

CUSTOM[®]
fluidpower

Remote control technology designed to be easily installed into your existing system, adding value to your applications.





Lower Cost & Quick Turnaround

The Plug & Play system is designed to suit a variety of machines, including power units, mining machinery - and more.

The software development is already completed, which means little to no engineering hours are required to install the system. This results in a quicker turnaround time and lower cost than a fully customised system.



Tried & Tested

Custom Fluidpower is well-informed and experienced in the products used to build the Plug & Play system. We have used and supported the products for many years and continue to do so, because they are reliable, incorporate modern technology, and provide our customers value for money.



Trusted Brands

Custom Fluidpower has partnered with brands such as Sun Hydraulics, HCT and Danfoss to offer Plug & Play solutions for hydraulic system control. These brands are trusted to deliver exceptional products with the latest technology in hydraulic control.



IoT Capability

Also available as an option for your application is an IoT system to collect data from your system operation. Custom Fluidpower can monitor and interpret the information it captures, such as machine location, usage and fault identification. Then, based on the data shown, we will provide reports and recommendations, ultimately, boosting the efficiency of your operations and increasing product lifespan.



Ongoing Support

Custom Fluidpower has service locations across Australia to provide support to your hydraulic applications. We also carry a large range of spare parts to suit the Plug and Play systems to keep you up and running when it is needed most.

TRADITIONAL ON / OFF REMOTE CONTROL SYSTEM

radio transmitter



radio receiver



wire harness



PVG valve bank
up to 10 sections



Sun manifold



HYDRAULIC APPLICATION

OR

PROPORTIONAL BELLY PACK REMOTE CONTROL SYSTEM

radio transmitter



radio receiver



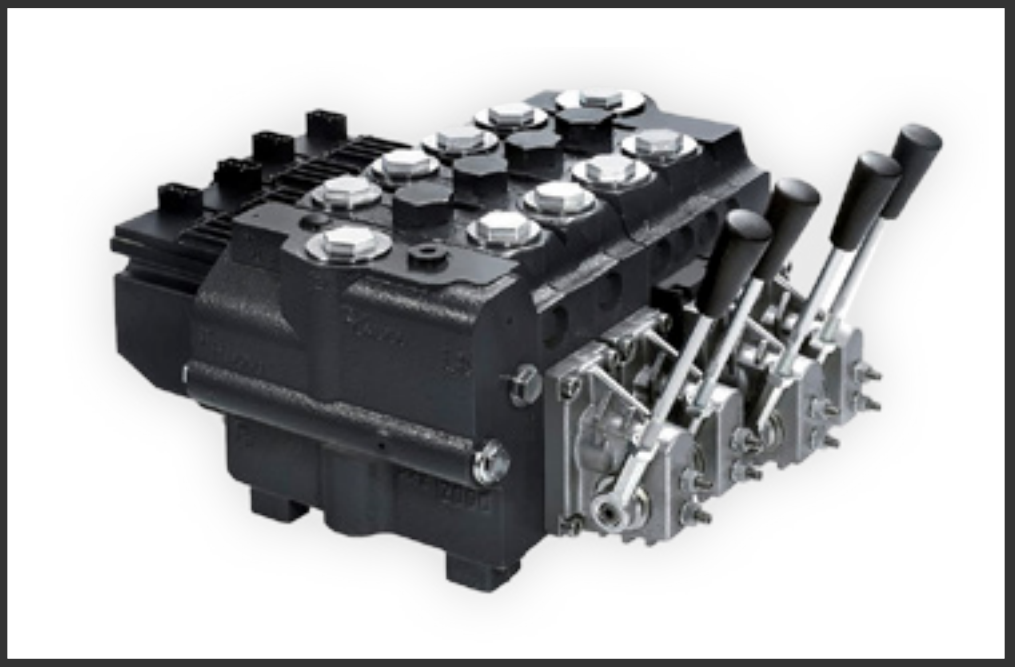
pre-programmed hardware



wire harness



PVG valve bank
up to 10 sections



HYDRAULIC APPLICATION

PLUG & PLAY CONTROLLERS

- Easy to install electronic valve control
- “Off the shelf” electronics
- Makes it easier to integrate control electronics into hydraulic applications
- Different styles of systems available including remote control as well as wired joystick controls
- Options for both Sun Manifold and Danfoss PVG valve banks

HOW IT WORKS

- Moves system customisation to the valve bank or the manifold rather than the controller software to prevent any extra programming needing to be done
- Each joystick/switch configuration is directly connected to controller outputs
- Remote control joysticks, switches or buttons can be used to control hydraulic actuators by connecting the harness to the corresponding valve sections
- Electronic Control Solution out of the box
- Harnesses can be configured to fit each application
- Quoting tool makes it easy to select the specific configuration of Plug and Play system for your application

APPLICATIONS

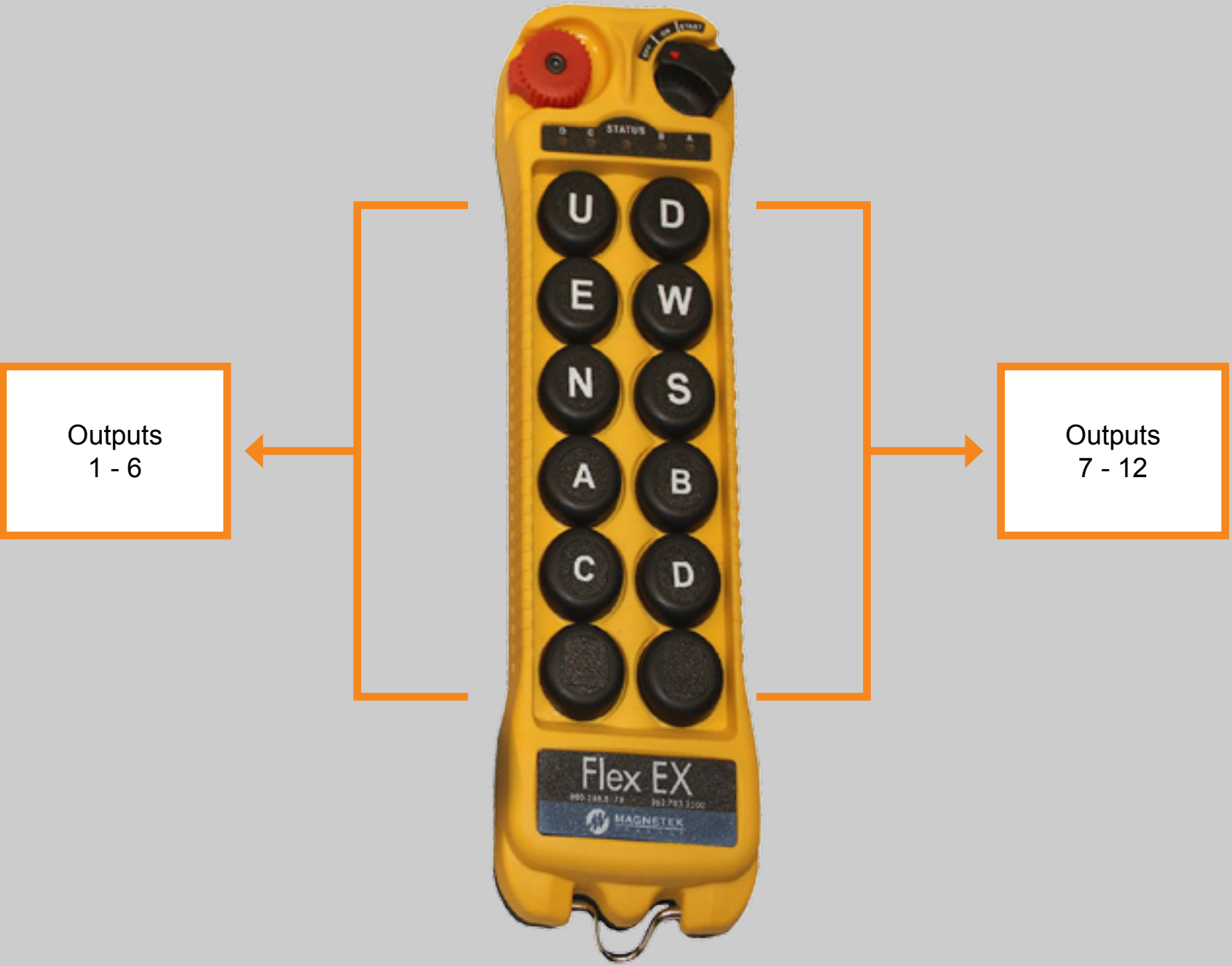
Three Standard Systems to be Made Available:

- Traditional ON/OFF Radio Remote to Manifold or Valve Bank
- Belly Pack Style Radio Remote to Proportional PVG Valve Bank
- Wired Joystick to Proportional Manifold or Valve Bank

Custom configurations for your application are also available. Please enquire for more information on how we can help.

TRADITIONAL ON / OFF REMOTE CONTROL SYSTEM

Each button controls a single on/off output and can be used to run a single valve coil. Button labels available out of the box and can be attached upon sale.



PROPORTIONAL BELLY PACK REMOTE CONTROL SYSTEM

Standard remote stainless steel faceplate can be used or a custom version can be provided.





Brisbane

Newcastle

Gladstone

Perth

Mackay

Port Hedland

Melbourne

Singleton

1300 781 178
custom.com.au