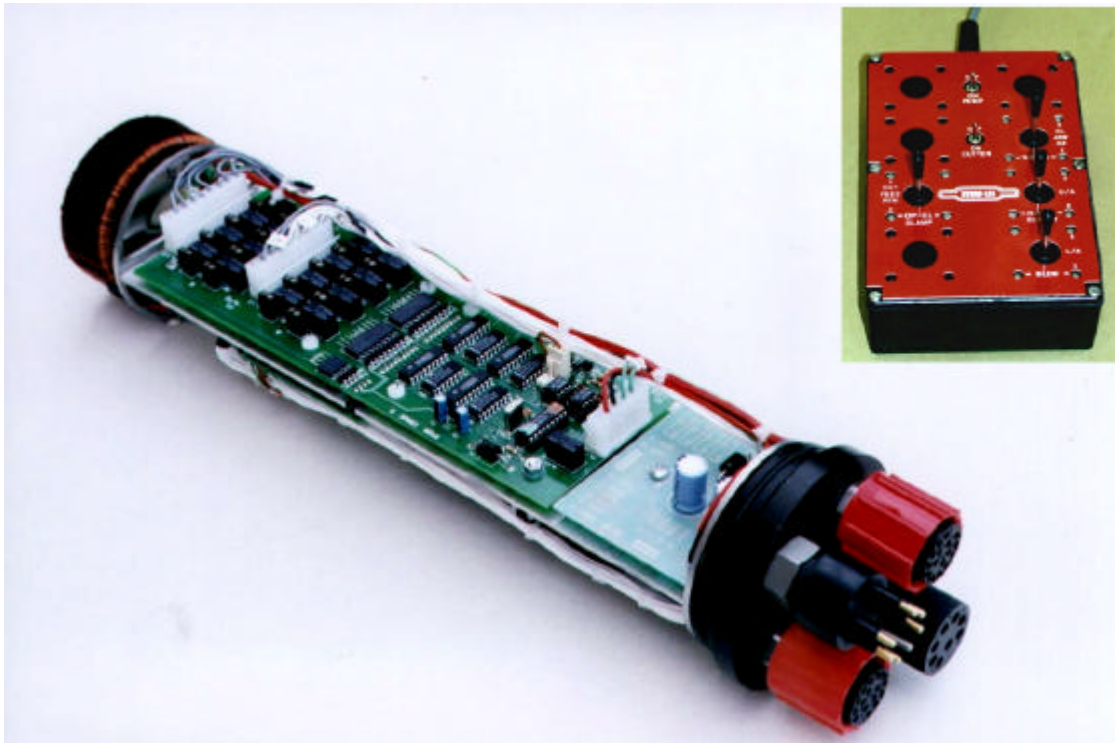




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### Telemetry System:

The Hydro-Lek electronic telemetry control system comprises of a Transmitter / Joystick control box and a sub sea Receiver pod. The transmitter has up to 6 off 4 function joysticks, which can be configured to suit individual system requirements, a motor pump ON/OFF facility and the option of motor speed or flow control. This is useful when controlling the feed for a cutter system. A 4-20mA opto isolated twisted pair loop is used to send the encoded information from the transmitter to the receiver via a PSU / communication box. The Receiver pod decodes the commands sent from the transmitter and has the drivers for the valve coils, the motor control relay and the motor speed or flow control. Power supplies can also be accommodated within the sub sea pod to suit the host ROV.

#### Specification:

##### Transmitter:

32 multiplexed channels (24 for hydraulic valve control, 8 for motor speed or flow control or auxiliary switching)

2 control channels for motor control

Power Supply 24V DC 100mA (from test/communications box)

##### Receiver

24 channel outputs via FET drivers

Built in solid state power relay for motor control

Power Supply 24V DC 50mA + 1.3A per solenoid coil

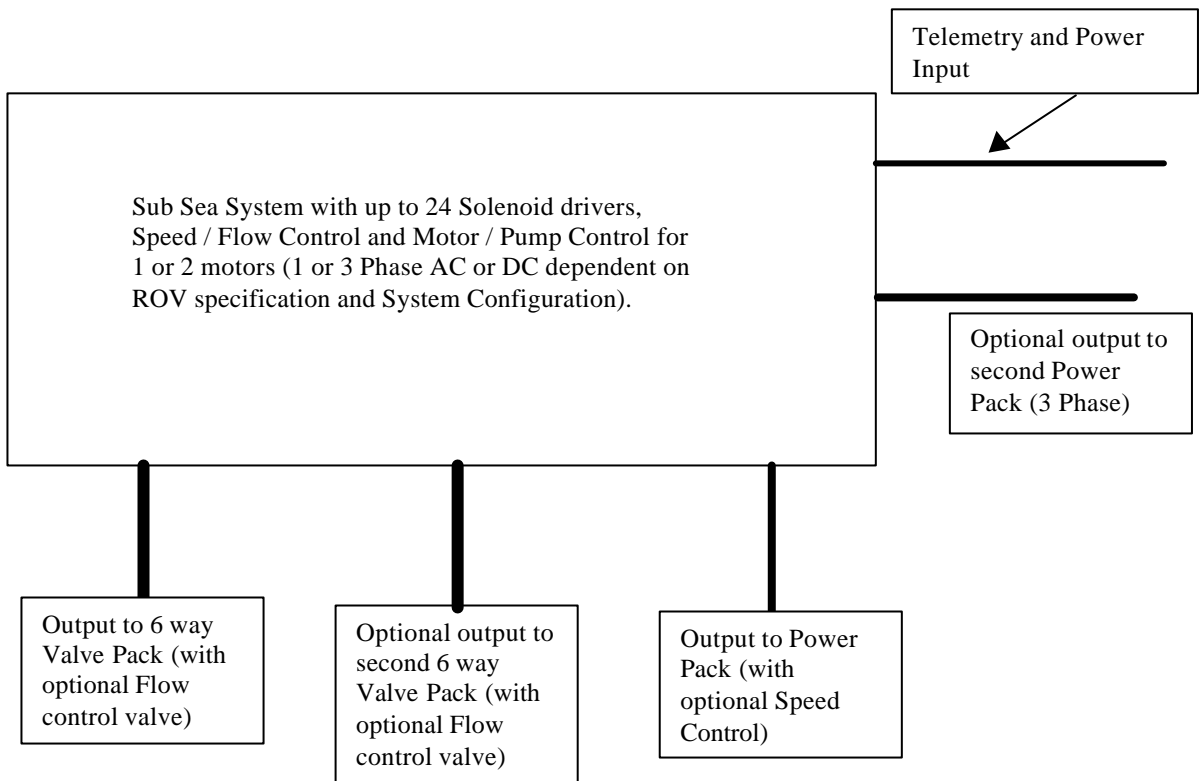
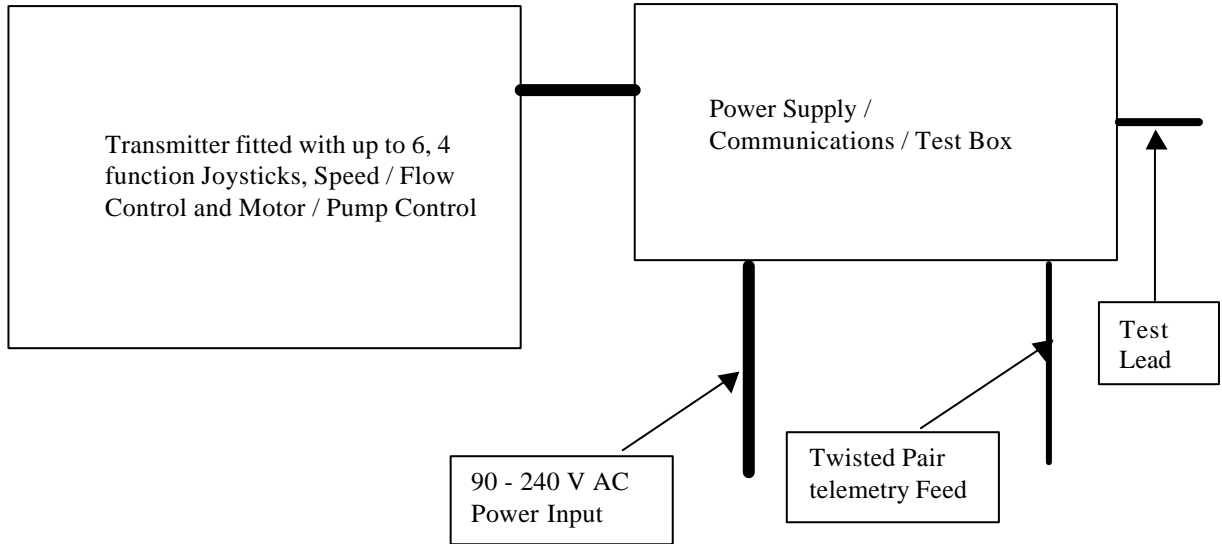
Hydro-Lek Ltd. Unit 4 Weller Drive Hogwood Lane Ind. Estate Finchampstead Berks. U.K. RG40 4QZ

Telephone: +44(0) 118 9736903 Fax: +44(0) 118 9736915

Web Site <http://www.hydro-lek.com> Email: [enquiries@hydro-lek.com](mailto:enquiries@hydro-lek.com)



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