

## Installation of Remote Units

### **Hand Remotes, Panel Remotes, Steering Levers and Steering Wheels:**

These units are robust and any of these may be mounted where it is subjected to occasional splashes of water. If mounted in direct sunlight, the decal may fade. The cable leading from the unit should be connected to the **remote** socket of the **Main Computer Unit (MCU)**.

Provision is included for 3 different remote input selection :

- R-1 Provision for 2 hand remotes
- R-2 Provision for 1 TMQ Active remote.
- R-3 Not available this model
- R-4 Basic remote plus power steer on pin 5 in standby Mode.  
(Electric steering vessel)

To select the mode: (Not an operator function)

Select "MANUAL"

Push switch 3 to on and monitor the status led.

Push the switch off to select the mode after the required number of LED illuminations

- ie 1 illumination for R1
- 2 illuminations for R2
- 4 illuminations for R4

If a non TMQ supplied remote is being used the Pin configuration is:

<u>Pin Number</u>	<u>Function</u>	<u>R1</u>	<u>R2</u>	<u>R4</u>
1	5v Power	Power	Power	Power
2	Remote	Wiper 1	Wiper	Wiper
3	Negative	Negative	Negative	Negative
4	Control	Control 1	Select 1	Control
5		Wiper 2	Select 2	Wheel Input
6		Control 2	Select 3	

In Version R1 and R4 control line pin 4 and 6 (in R1) is set to 5v for power steer and 0v for Remote Auto. Open circuit returns the Autopilot to Manual mode and version R4 effective power steer from a potentiometer input on pin 5.

R2 allows selection of GPS and adjustment of rudder ratio, sensitivity, power steer and auto from the remote socket.