

## Installation & Wiring

The HR22 connects to the autopilot via the SimNet high-speed bus network. A bulkhead socket and a three-way joiner is supplied, to enable the HR22 to connect to the SimNet bus, and be easily unplugged when not in use.

The rear port of the bulkhead socket connects to the three-way joiner via an interlink cable. The SimNet cable from the Tillerpilot socket assembly (Fig 6), or from the Wheelpilot junction box (Fig 7), also plugs into the three-way joiner. The third port is used to connect to the rest of the SimNet bus (if fitted) via an interconnecting SimNet cable (available as an optional accessory). The HR22 is plugged into the SimNet port on the front of the bulkhead socket. It can also plug into any available SimNet port on the bus.

**NOTE** – If the pilot and HR22 are not connected to other SimNet equipment, 12v power must be supplied using the SimNet power cable provided (+12v DC [Red] and 0v [Black]).

**NOTE** – A weatherproof plug is provided to protect the front of the bulkhead socket when the HR22 is not in use.



Fig 6 - Tillerpilot installation

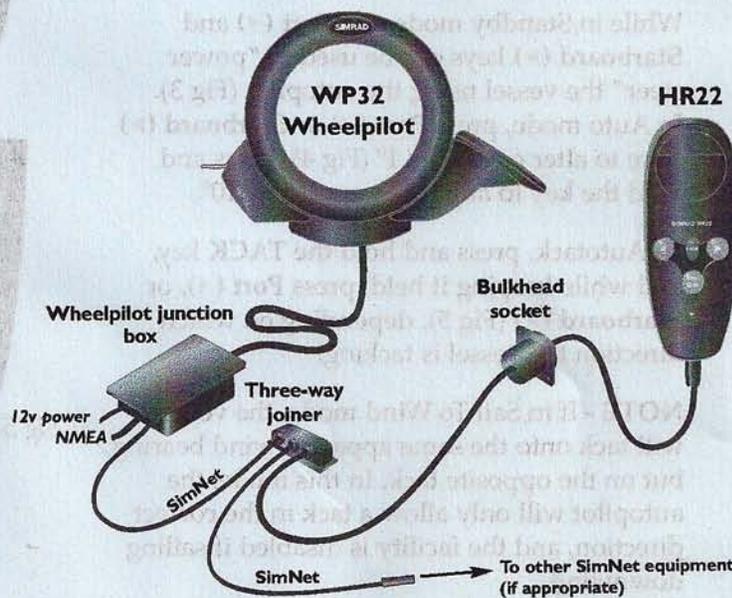


Fig 7 - Wheelpilot installation

**HR22 Hand Remote**

**Bulkhead Socket**



**HR22 Cradle**



**3-Way Joiner**

*Fig 1 - HR22 Hand Remote*



*Fig 2 - Engaging Autopilot*

## HAND REMOTE HR22

The HR22 is a remote control for use with the TP22, TP32 and WP32 cockpit autopilots.

The keypad operates in the same manner as the autopilot keypad - to engage the autopilot, press the **STBY/AUTO** key (Fig 2). The LED will light, indicating that the autopilot is activated. To disengage the autopilot, simply press **STBY/AUTO** again.



*Fig 3 - Remote steering to Port in Standby mode*

While in Standby mode, the **Port** (◀) and **Starboard** (▶) keys can be used to "power steer" the vessel using the autopilot (Fig 3). In Auto mode, press **Port** (◀) or **Starboard** (▶) once to alter course by 1° (Fig 4). Press and hold the key to adjust the course by 10°.

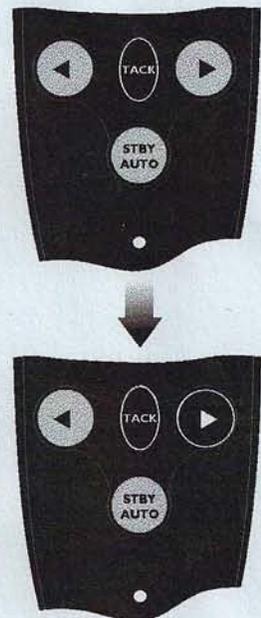


*Fig 4 - Adjusting course in Auto mode (1° & 10°)*

To Autotack, press and hold the **TACK** key, and while keeping it held, press **Port** (◀), or **Starboard** (▶) (Fig 5), depending on which direction the vessel is tacking.

**NOTE** - If in Sail To Wind mode, the vessel will tack onto the same apparent wind bearing, but on the opposite tack. In this mode, the autopilot will only allow a tack in the correct direction, and the facility is disabled if sailing downwind.

**NOTE** - Access to Nav mode is not available.



*Fig 5 - Initiating Starboard Autotack*