6526
STARFLOW HSIO
LCD DISPLAY UNIT

The Starflow HSIO LCD display unit interfaces with the 6526 Starflow ultrasonic Doppler velocity, depth and flow Instrument. It displays the values obtained from the most recent scan.

The Starflow's scheme defines which parameters will be displayed. For example, one of the supplied schemes displays water temperature, battery supply voltage, totalised flow and logging status.

The 6526 LCD is packaged in a compact weatherproof polycarbonate enclosure, fitted with pre-wired SQL type connectors. These connectors enable direct connection to a Starflow instrument, and computer/external power supply using a 6603D-SDI cable.

The SQL connections are designed to be 'pass through' so that the computer can connect to the instrument without disconnecting the power or display.

The display module power supply can be wired to a user-installed switch so that it can be switched on only when necessary. The module display is refreshed every scan (normally 15 seconds with a Starflow) and will display a test message when power is applied until a message from the instrument is received. Pressing the button on the front panel resets the display.

SPECIFICATIONS

PHYSICAL SPECIFICATIONS	
MATERIAL:	ABS IP65 Sealed Enclosure
SIZE:	115mm x 70mm x 83mm (LxWxH)
WEIGHT:	270 grams
OPERATING TEMPERATURE:	0°C to 50°C. Not affected by humidity

ELECTRICAL SPECIFICATIONS	
DISPLAY FORMAT:	Four lines x 16 Characters
LCD TYPE:	Supertwist (STN), yellow-green, no backlight
OPTIMUM VIEWING:	6 o'clock
POWER SUPPLY:	8 to 18VDC @ 20mA
SERIAL SIGNAL:	HSIO Standard Synchronous Protocol and RS232
SERIAL PROTOCOL:	ASCII text special commands for formatting
CONNECTORS:	1 x 7 pin SQL male connector for PC connection and 1 x 7 pin SQL female connector for Starflow connection

AVAILABLE FROM: **Unidata Pty Ltd** I 40 Ladner Street, O'Connor, 6163 Western Australia I Tel: +61 8 9331 8600 I info@unidata.com.au I **www.unidata.com.au**