



OceanTools

OceanDISP-7K

Deep ocean display unit

The **OceanTools OceanDISP-7K** is a versatile, light-activated deep ocean display unit capable of interfacing to the serial outputs of a wide range of subsea devices.



Overview

The **OceanDISP-7K** deep ocean display unit offers the familiar **OceanDISP** serial display functionality in an innovative new package. Its acetal housing with anodized aluminium front plate and acrylic window is more rugged and resilient than the original clear tube design, with an extended 7000m depth rating. Utilising a high visibility LED matrix display, it can accept a wide range of serial inputs, including:

- **OceanFOG** or **C-FOG** gyrocompass
- **OceanTILT** tilt sensors and **OceanTHDT** sensor packs
- Data loggers
- Subsea pressure, temperature and flow sensors
- Load cells

Numerical parts of the incoming serial data message may be stripped out and displayed, or text can be displayed verbatim in terminal mode.

OceanDISP-7K is light activated and can be woken up by shining a light on it, with programmable light sensor activation thresholds and wake and sleep periods.



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Key Features

- Operates in Terminal mode or Parameter mode
- Data display text can scroll or be sequenced
- Fully programmable from remote PC or laptop
- User-defined light activation threshold
- External TTL on/off control and TTL status output

Specifications:	
Depth rating	7000m
LED colour	Red or Green
Serial input	RS232 and RS485
Baud rate	300–57600
Input voltage	10–36VDC
Standby current	<5mA @ 24VDC
Operational current	100mA @ 24VDC
Length	300mm
Height	100mm
Depth (excl connector)	75mm
Weight in air	2.7kg
Weight in water (estimated)	0.7kg

Related Products

- **OceanDISP** subsea display units for diver or ROV use down to 4000m
- **DISTIL** range of subsea displays with integral pitch and roll sensors

Product datasheets, GA drawings, case studies and other supporting documents are available to download from data.oceantools.co.uk
All specifications are subject to change without notice. E&OE.

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