

MiniTXT



The CDL MiniTXT is a LED matrix display which can read attitude strings from various pieces of equipment and display it either in a field by field manner or by scrolling the text. The unit consists of 5 8x8 LED matrices which are available in red or green.

The unit has adjustable brightness to cater for different user situations. Along with this, the system has optically isolated comms capable (through serial command) of accepting RS422 or RS232 data levels. Input Baud rate can also be changed from 2400bps up to 38400bps.

It also features a programmable auto power off which can be set to anything from 1 to 99 minutes. The unit can be `awoken` by shining a light onto the left hand of the display. By sending serial commands to the unit either through a terminal program or by using the MiniTXT software supplied, the unit can be successfully configured.



Features:

- Optional red or green LEDs
- Easily configurable via serial port
- Low power shutdown, awake via illumination
- Scrolling flashing text
- Multiple supported data input strings
- RS-232 or RS-422
- Input baud rate Configurable
- Unique protective housing

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Product Specification:

Display:

Make-up	High visibility red or green LED matrix
Brightness	Configured through software
Update Rate	Matches input rate
Sleep Awake	1-99 minutes or always on, configured through software

Input Strings	MDL, DigiLog, CDL1, SKR80, SKR82, TSS1, MiniRLG1, MiniTilt, NMEA HEHDT, NMEA PRDID, EM3000, TSS2
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Optional TTL level output when the unit is awake

Depth Rating:

Subsea	1000m, 2000m and 3000m
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Power Requirements:

Input	18-36 VDC
Current Consumption	<400mA dependant on LED brightness

Environment:

Temperature	-10 to +50 °C
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Weight and Dimensions:

Weight in air (excluding cables)

1000m	3kg
2000m	3.6kg
3000m	6.1kg

Weight in water (excluding cables)

1000m	0.5kg
2000m	0.5kg
3000m	1kg

Sub sea unit dimensions

1000m	ø96 x 353mm
2000m	ø106 x 353mm
3000m	ø136 x 353mm

CDL, Silverfield House, Claymore Drive,
Aberdeen, AB23 8GD, Scotland
Tel: +44 (0) 1224 706655 Fax: +44 (0) 1224 709840

