

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 6 or 8 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 from 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 successfully be configured.

Optional Red or Green LEDs
Easily Configurable via serial port
Low power shutdown, awake via illumination

Scrolling flashing text
Multiple supported data input strings
RS232 or RS422
Input baud rate Configurable

Unique protective housing



Features:

- Very low cost
- Small size
- 32 bits/sec
- Up to 1 km range
- Application specific data link
- RS-232 interface
- Use with other CDL products

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Product Specification:

Display:
 Make-up.....high visibility red or green LED matrix
 Brightness.....Configurable through software
 Update Rate.....Matches input rate
 Sleep Awake.....1-99 minutes or always on, configured trough software

Input Strings MDL, DigiLog, CDL1, SKR80, TSS1, MiniRLG1, NMEA HEHDT, NMEA PRIDID, EM3000 and Auto tring-Unit looks for HRP headers and displays Data that follows

Depth Rating:
 Standard sub sea1000m
 Special sub sea.....2000m and 6000m

Power:
 Input.....24vDC
 Current Consumption.....<400mS dependant on LED brightness
 Optional TTL level output when the unit is awake

Sub sea unit dimensions.....ø96x381mm

Weight and Dimensions:
 In air weight (excluding cables).....3.1kg
 In water weight (excluding cables).....0.55kg

Environmental:
 Temperature.....-10 to +50°C