



## FlexiTxt™ Display

### Multi-purpose alphanumeric visual display

The Ashtead Technology FlexiTxt™ underwater display and programmable controller is a multi-purpose alphanumeric visual display suitable for deep-water applications where visual indication of sensor information is required.

It is fully programmable to display virtually any alphanumeric instrument data and has the ability to process, re-format and re-send data to auxiliary display units or other data users, providing a truly flexible data handling and display device.

The FlexiTxt™ has intelligent power management capabilities, allowing remote radio controlled on/off switching to be applied to sensors allowing the sensor package to be installed and switched on well in advance of deployment improving offshore safety.

With high efficiency power utilisation the FlexiTxt™ has significantly lower power consumption than competitor products, allowing longer battery autonomy for long term display applications.

Ruggedly constructed from low fouling and corrosion resisting materials, with a rated depth of 3,000 metres and triple seal technology, this display is capable of long term immersion without degradation, giving excellent performance in very tough survey and construction operations.

#### Applications

Attitude & heading readout  
Precision depth Sensor readout  
Cathodic protection display  
Control and monitoring systems

#### Features

Rugged corrosion-resistant design  
3,000 metres depth rating  
Fully programmable 8-digit  
alphanumeric text display  
Low power consumption with  
remote sleep mode  
Configurable auto-scroll display  
Dual serial RS232C ports  
Safety radio remote control allowing  
remote switch on/off during launch  
Wide input voltage range operation  
Integral intelligent power and  
battery management functions  
Low operating power consumption  
Built-in data reformatting and  
repeating capabilities  
Built-in RF modem for control and  
data collection during dimensional  
control operations



# FlexiTxt™ Display

## Specifications



### Display parameters

Format	8-digit alpha-numeric green dot matrix LED display
Brightness control	0 to 100% in 1% increments
Display auto off time	Programmable 0 to infinity
Auto on control	Light sensing resistor mounted Programmable threshold
Communications	
Type	Dual serial RS232C communication ports
Format	Programmable, default 9,600 baud 8n1 semi duplex
Default incoming sentence	MDL2 HPR string

### Remote control

Link type	Bidirectional 434MHz band licence exempt low power RF modem
Operating frequency	Programmable, 434.800MHz default
Output power	20mW (13dBm) into ¼ wave whip antenna
Effective range	Dependent on site conditions, 250m maximum, line-of-sight nominal
Remote addresses available	255 unique codes per frequency channel plus master broadcast address.

### Power characteristics

Input voltage range	8-36V DC
Load current (sleep)	12mA nominal (maximum)
Load current (display on)	55mA at full brightness
Load current (display off)	15mA nominal
External load drive	4 amp maximum
Battery monitoring	0 to 99.9% in 0.1% steps, calculated on actual power drawn

### Materials

Main display case	Acrylic plastic (optically transparent)
End caps	316L stainless steel
Mounting chassis	Acetal
Fasteners	A4 stainless steel

### Connector type

Type	Subconn MCBH8FSS Stainless steel female bulkhead connector
------	--

**Aberdeen**  
+44 (0)1224 771888

**Abu Dhabi**  
+971 2 650 7710

**Halifax**  
+1 902 422 8303

**Houston**  
+1 281 398 9533

**Singapore**  
+65 6545 9350