



FlexiTxt™ Remote Control

Safe sensor control for main structure installations

The Ashtead AMS RF Switch handset is designed to operate with the Ashtead FlexiTxt™ display unit and provides a means of improving offshore safety through allowing sensors and display systems to be remotely switched on and off during dimensional control and launch operations of instrumented subsea structures.

This light and simple to operate handset is designed to work with all Ashtead RF switches and FlexiTxt™ display units.

The encoded and encrypted RF link provides a secure means of controlling the remote equipment, which can be switched on or off by simple button press operation.

The bi-directional radio link utilises low power licence exempt technology, allowing both command and confidence feedback of the control operation.

An auto switch-off facility on the handset ensures long battery life and reduction in unnecessary RF transmission.



Applications

Control of Ashtead Technology FlexiTxt™ and RF switch units

Features

RF remote control of subsea sensors for pre-deployment verification and launch preparation

Low power radio link operating in licence exempt band with a range up to 500 metres (site and installation dependent)

Designed for all weather conditions

Uniquely encoded control for security with 255 unique addresses

Low power consumption

Auto data sense feedback via bicolour LED

Auto-off facility for reduced battery consumption

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Specifications



Remote control

Link type	Bidirectional 434MHz band licence exempt low power RF modem
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

Battery

Battery type	PP3 Alkaline battery
Battery life	2 years nominal (based on normal usage)

Materials

Main case	ABS
Hand-grip	Neoprene rubber
Antenna	Rubber
IP Rating	IP66

Temperature range

Operating	0 to 40 deg C
Storage	-10 to +50 deg C