

# Designed For Reliability..

## WATER FLOW/SURFACE WATER

### General

The Cable Fox Model (CFX) is HyQuest Solutions latest technology for towing an ADCP or setting up a radar system temporarily for measuring water flow. What distinguishes the CFX from other cableway systems, is its ability to operate on any existing cableway, with a main cable installed, without the need for any additional accessories.

The CFX is easily carried and can operate wirelessly up to 400 meters (1312 feet), thereby keeping the operator in a safe position, away from any hazards presented by flood waters.

In addition, the CFX is a portable unit with low power consumption allowing the user to gauge several sites in the same day without the need for any maintenance or the need to recharge the battery.

### Features

- Variable traversing speed up to 0.6m/sec (2ft/sec)
- Hoist attachment available (to adjust tether line to ADCP trimaran/board)
- In built encoder for distance measurement across stream
- Low power consumption
- Auto retrieval Feature

### Specifications

#### Cable Fox Motor Body

- Geared Motor 320W
- Speed Drives carriage up to 0.6 m/s (2.00 ft/s)
- Distance Measurement 0.01m (0.01 ft) resolution
- Power Requirement 12V DC 18Ah battery Internal 30A auto reset fuse

#### Hoist (Optional)

- Lifting Capacity 100 Kg (220 lbs)
- Power Requirements Uses the above Cable Fox power (12V 18Ah) Separate internal 30A auto reset fuse
- Cable Synthetic Rope 12.2m (40ft)

#### Wireless Remote Control

- Controls
  - Raise / Lower Control + Battery Voltage monitoring
  - Forward / Reverse + Speed control
- LCD
  - 16 char x 2 line with backlighting
  - Calculates horizontal distance
- Radio Frequency
  - USA 902.5 to 914.5 MHz
  - AUS 915.5 to 927.5 MHz
  - (26 channels @ 1MHz spacing)
- Operating Range 400m (1300 ft) line of sight
- Indicators
  - LEDs for comms and fault indication

- Sounder for low battery
- Power Source
  - 3 x NiMh 2.5Ah AA batteries with built-in charger (3 x AA Alkaline batteries in an emergency)
- Dimensions
  - Cable Fox: 650mm (W) x 510mm (H) x 240mm (D) [(26"(W)x 20"(H)x10"(D)]
  - Mass: 35Kg (77lb)
  - Hoist: 510mm (W) x 440mm (H) x 230mm (D) [(21"(W)x 18"(H)x9"(D)]
  - Mass: 23Kg (51lb)



### Contact Us

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