

Designed For Reliability..

WATER FLOW/SURFACE WATER

General

The Flying Fox is a portable remote control towing system for making discharge measurements with ADCP tethered boats on a temporary span of rope. The weatherproof remote control with backlit LCD displays transect speed (user adjustable from 0 to 0.5m/sec [0-1.6 ft/sec]), distance traversed, wireless signal strength, voltage & current draw while operating, and battery voltage. Other features include visual low battery warning with audible beeper, rope tension setting, quick swap battery compartment, and led status lights. Includes wall charger and weatherproof carry case.

Features

- Variable speed control from 0 to 0.5 m/sec (0 to 1.6 ft/sec)
- Wireless operation up to 175m range (574feet)
- Remotely controlled from the bank of the river
- Re-chargeable and interchangeable battery
- Low battery alarm
- LCD Rope tensioning feature
- Loss Protection: safety lock will not allow tow vehicle to separate from rope
- Rugged weatherproof instrument case

Specifications

- Remote Control: Hand held weatherproof with backlit LCD. Displays (i) speed (ii) distance (iii) signal strength & frequency (iv) vehicle & remote control battery voltage (v) low battery warning
- Transect Speed: User selectable - 0 to 0.5 m/sec (0.1 to 1.6 ft/sec)
- Transmitter Range: Up to 175 metres (574feet)
- Climbing Angle: Up to 45 degrees
- Tow Vehicle Battery: 12V 2.8 A/h sealed rechargeable
- Remote Control Battery: 3 x NiMh AA batteries
- Construction: Powder Coated Aluminum
- Tow Vehicle Weight: 5 Kgs (10.5 lbs)
- Shipping Weight with Case: 10 Kgs (22.5 lbs)
- Operating Time: A fully charged battery will drive the Flying Fox for approx 600m (1968ft) total traversing distance at any speed setting ! (This is not the radio range) (eg: a 100m span can be traversed 6 times) . (eg: 20 min continuous at 0.5m/s (1.6ft/s) : 50min continuous at 0.2m/s (0.6ft/s))
- Rope Requirement: Any low stretch, high strength 8mm (5/16") diameter rope
- Main Charger: 220VAC or (110 VAC). Charger When fully charged, reverts to Float Charging Mode



Model FFX

N.B. Specifications are subject to change at any time without notice.

Contact Us

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