Teledyne Odom Hydrographic

Hydrotrac II

Single-Frequency Portable Hydrographic Echo Sounder

Precise Data Collection in Adverse Conditions

Specifically designed for work in less-than-ideal circumstances on small survey boats and inflatable watercraft, the HYDROTRAC™ II offers compact portability and the confidence of knowing you're using a proven Odom product. It is completely waterproof and comes equipped with the same advanced features you've come to trust and depend on in Odom echo sounders.

Photo courtesy Pan Asia Engineering

PRODUCT FEATURES

- 8.5 in / 216mm thermal printer
- Annotation printed on chart
- LCD display (1 in. high)
- Optional internal GPS with WAAS
- Sealed keypad controls
- Manual/remote mark command

- Auto scale change (phasing)
- Separate adjustment for power and pulse width
- Heave input from motion sensor
- TVG curve for side scan and bathymetry
- Output: NMEA, ECHOTRAC, DESO 25, etc.
- Splashproof (with front cover in place)

- Fix mark annotation: date, time, fix no., depth and GPS (if input)
- Flash Memory upgrades by SD card
- Built-in simulator
- Full echogram output through Ethernet
- IP67

TELEDYNE ODOM HYDROGRAPHIC
Everywhere**you**look™

A Teledyne Marine Company

Hydrotrac II

Single-Frequency Portable Hydrographic Echo Sounder

TECHNICAL SPECIFICATIONS

Frequency Agile	Operator selectable through menu – 24, 28, 33, 40, 100, 120, 200, 210 and 340 kHz
Output Power	600 watts
Power Requirement	11-28 V DC
Resolution	0.1 ft / 0.01m
Accuracy	200 kHz – 1cm (0.1% of depth value (corrected for sound velocity) 33 kHz – 10cm 0.1% of depth value (corrected for sound velocity)
Maximum Depth Range	600m or 1800 ft.
Environmental	Operating 0° - 45° C Storage -20° - 45° C
Communication	2 RS232 ports or 1 RS232 and 1 RS422 8 bit data Ethernet port 1600 samples/ping
Printer	High resolution 8 dot/mm (203 dpi); 16 gray shades; 216mm (8.5 in) wide thermal paper; External ON/OFF switch; paper advance control
Dimensions	368 mm (14.5 in) H x 419 mm (16.5 in) W x 203 mm (8 in) D
Weight	22.5 lbs (10.2 kg)
Display Panel Layout	4 Line x 20 character display Chart Feed OFF/STBY/LOW/MED/HI power settings Separate panel overlays for display and chart controls Chart ON/OFF with LED inside Keypad (arrow keys) Chart Advance Power Sensitivity Gain
Sensor I/O	MRU Annotates chart Heave corrects data Embeds position in Ethernet packet Outputs MRU data in Ethernet packet
Software	TOH's Windows based software included: eChart Display, Control & Logging Software
Options	200 kHz or 340 kHz side scan transducer Wide selection of transducers Remote display Lid with window Transit case with wheels Internal GPS with WAAS differential corrections and PPS reference signal Antenna upgrade

Photo courtesy Pan Asia Engineering

The HydroTrac II and optional lid with window

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www.odomhydrographic.com