

Echotrac MK III

Dual-Frequency Echo Sounder

The Compact Unit that Does It All

The Echotrac MKIII features a high resolution thermal paper recorder. Both high and low channels feature frequency agility, enabling the operator to precisely match the transceiver to almost any existing transducer. This ability minimizes near-surface noise caused by transducer ringing while increasing echo return strength. The MKIII is capable of both shallow and deep water operations and features unsurpassed interfacing flexibility with four serial ports and high speed Ethernet capability for maximum efficiency.

When it comes from Teledyne Odom, you know it's durable, easy to use and backed by the best customer service in the industry. Both high and low channels feature frequency agility, enabling the operator to precisely match the transceiver to almost any existing transducer. This matching ability minimizes near-surface noise caused by transducer ringing while increasing echo return strength. The MKIII is capable of both shallow and deep-water operations, and it features unsurpassed interfacing flexibility with four serial ports and high speed Ethernet capability for maximum efficiency.

More than 30 years of technology enhancements, along with unparalleled performance and precision make TOH sounders the #1 choice for Hydrographic Offices around the world.



PRODUCT FEATURES

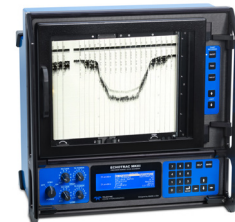
- Interchangeable paper chart
- Frequency agile (both channels)
- Internal data storage
- Four serial ports and Ethernet interface
- AC/DC power input
- Selectable Receiver bandwidth for shallow/deep water echo sounding
- Silas compatible output for sediment analysis



TELEDYNE MARINE
ODOM HYDROGRAPHIC
Everywhereyoulook™

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TECHNICAL SPECIFICATIONS

Frequency	High band: 100kHz-1MHz
	Low band: 3.5kHz-50kHz
Output Power	High: 100kHz-1kW RMS max 200kHz-900W RMS max, 750kHz-300W RMS max
	Low: 3.5kHz-2kW RMS max, 50kHz-2kW RMS max
Input Power	110 or 220VAC / 24 VDC 120 watts start/50 watts run
Resolution	0.01m / 0.10 ft.
Accuracy	0.01m / 0.10 ft. +/- 0.1% of depth @ 200kHz
	0.10m / 0.30 ft. +/- 0.1% of depth @ 33kHz
	0.18m / 0.60 ft. +/- 0.1% of depth @12kHz (corrected for sound velocity)
Depth Range	0.2-200m / 1.0-600 ft. @ 200kHz
	0.5-1500m / 1.5-4500 ft. @ 33kHz
	1.0-4000m / 3.0-13,123 ft. @ 12kHz
Phasing	Automatic scale change, 10%, 20%, 30% overlap or manual
Printer	High resolution 8 dot/mm (203 dpi); 16 gray shades; 216mm (8.5 in) wide thermal paper or film; External ON/OFF switch; Paper advance control
Sound Velocity	1370-1700m/s
	Resolution 1m/s
Transducer Draft Setting	0-15m (0-50 ft.)
Depth Display	On control PC and LCD display
Clock	Internal battery backed time, elapsed time and date clock
Annotation	Internal-date, time
	External-up to 80 ASCII characters from RS232 Serial or Ethernet port
Interfaces	4 X RS232 or 3 X RS232 and 1 X RS422
	Inputs from external computer, motion sensor
	Outputs to external computer, remote display
	Ethernet interface
	Heave-TSS1 or sounder sentence
Blanking	0 to full scale
Installation	Desktop, optional rack mount or bulkhead mount
Help	The function of each parameter and its minimum and maximum values can be printed on the paper chart. The record of settings in tabular format is available on demand, and a continuous printout of parameters is available on thermal paper models. Log files are automatically created by Echotrac Control when that software is used to control the sounder.
Environmental Operating Temperature	0°-50°C, 5-90% relative humidity, non-condensing
Dimensions	450mm (17.7 in) H x 450mm (17.7 in)W x 300mm (12.8 in) D
Weight	16kg (35lbs.)



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