



8-INCH DAYLIGHT-VIEWING TFT LCD DUAL FREQUENCY COLOR FISH FINDER

Model V-1082

MAJOR FEATURES:

Dual frequency (50/200 kHz) 8-inch backlit TFT-LCD fish finder housed in an electrostatically shielded sturdy, high-impact plastic cabinet

Fully automatic mode of operation allows automatic selection of depth ranges and setting of receiver gain/STC levels for an optimal display of the bottom and fish echoes under most operating conditions.

Manual override is also possible to operate the equipment with user-selected parameters for specific fish finding applications or to suit a locally prevailing underwater environment.

Advanced setting mode allows separate settings of frequency, range, gain, STC, feed rate, echo/background colors, dynamic range, and other parameters across the split screen displays, making it possible to customize the left-half page to suit specific applications, while monitoring overall activities across the right-half page.

High sounding rate mode at 2 times the normal feed rate facilitates detection of fast-moving fish at extremely shallow depths using the high or low frequency across the right-half screen, while showing the normal speed echogram across the left-half screen.

Permanent or temporary storage of up to 10 pages of echogram screen together with the parameter settings used at the time of entry and the position/datetime with an optional GPS sensor or external GPS-derived data source connected via the built-in NMEA-0183 interface. The stored echogram can be recalled onto the screen with a single keystroke, either page-by-page or continuously.

Expanded display over the left half screen page for ease of detection of bottom-feeding fish (bottom-locked expansion) or of midwater fish (pelagic expansion or zooming)

A-scope display for instant detection of a fish school and assessment of its size - an extremely useful feature when working greater depths at slow feed rates

Password-protected hardware prevents unauthorized use or deters theft.

With GPS-derived data supplied, a single keypress stores the own ship's position (or MOB) in memory, with graphic/numeric steering guidance to help the user return to that position later.

Analog interface with an optional thermistor sensor for on-screen water temperature readout

Specifications

●Screen: 8 inch analog RGB-color backlit TFT-LCD, daylight viewing ●Echo Colors: 7 analog RGB colors, selectable from 7 color groups
●Background Colors: white, gray, black, cyan, blue, dark blue ●Operating Modes: fully automatic (range/gain/STC) and manual ●Display Modes: single freq. full-screen display or dual freq. split-screen display/split-screen single freq. echogram with/without expansion/split-screen dual freq. display across right-half page and customizable display across left half page/split-screen single freq. normal display across left half page, and high sounding rate display across right half page ●Echogram Storage Capacity: 10 screen pages ●Transducer Frequencies: 50 kHz and 200 kHz ●Transmit Power: approx. 400W RMS (3.2 kW peak/peak) ●Depth Ranges: 2.5 to 1,000 m/fthm/br in 16 steps ●Bottom Tracking Modes: auto range and auto shift ●Expansion Ranges: 1.5 to 200 in 8 steps ●Image Feed Rates: 2/1, 1/1, 1/2, 1/4, 1/8, 1/16, 1/32, freeze ●Noise Reduction: 3 levels ●Echo Threshold: 5 weak echo levels suppressible ●Echo Dynamic Ranges: 3, 4, 5, 6 dB/color ●Gain Control Modes: manual and automatic ●Receiver Gain: 60 steps ●White Line: up to 5 strong colors of bottom echo suppressible ●STC (TVG): 20 steps ●Transducer Draft: 0.1 unit steps ●Alarms: depth alarm and fish alarm ●Temperature Sensor: T-300 /T-400 thermistor (option) ●Digital I/O Interface: NMEA-0183 ●Cabinet Weight: approx. 3.2/2.2 kg with/without bracket ●Cabinet Dimensions: 225/245 (W) X 225/271(H) X 135(D) mm, with/without bracket ●Ambient Temperature: -10 to 50°C, 95% RH without condensation ●Power Requirements: 11 to 40 volts d-c, approx. 18W

NOTE: Specifications are subject to change without notice or obligation.

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