



6-INCH DAYLIGHT-VIEWING TFT LCD SINGLE FREQUENCY COLOR ECHO SOUNDER

MODEL V-6201

MAJOR FEATURES:

Single frequency (50, 120 or 200 kHz) 6-inch TFT-LCD QVGA screen echo sounder 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 optimal display of bottom and fish echoes.

Manual override is also available to operate the equipment with user-selected parameters.

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

High sounding rate mode at double feed rate facilitates detection of fast-moving fish at extremely shallow depths across right-hand screen, while showing normal rate echogram across the left-hand screen.

Permanent or temporary storage of up to 10 pages of echogram screen, with page-by-page or continuous recall.

With an optional GPS sensor plugged in, single keypress stores the own ship position (or MOB) in memory, with graphic/numeric steering guidance to help the user return to that position later.

Expansion display across left half screen for easy detection of bottom-feeding fish (bottom-locked expansion) or mid-water fish (pelagic expansion or zooming)

A-scope display for instant assessment of fish school size, even at slow feed rates

Password of user's choice prevents unauthorized use or deters theft.

Depth alarm and fish alarm

Echo threshold for suppressing weak echo colors without decreasing gain

Selectable echo dynamic range to allow small strength changes to show enhanced

Interfaces with optional water temperature sensor.

Specifications

●**Screen:** 6 inch analog RGB-color backlit TFT-LCD, daylight viewing, 320X240 pixels ●**Echo Colors:** 7 analog RGB colors, selectable from seven groups of color arrangement ●**Background Colors:** white, gray, black, cyan, blue, and dark blue ●**Operating Modes:** fully automatic (range, gain and STC) and manual ●**Display Modes:** Full-screen normal echogram or split-screen echogram with bottom-locked or pelagic expansion / Split-screen normal echogram across right-hand display, and customizable echogram across left-hand display / Split-screen normal rate echogram across left-hand display and high sounding rate echogram across right-hand display. ●**Echogram Storage Capacity:** 10 screen pages ●**Transducer Frequency:** 50, 120 or 200 kHz (specify at time of ordering) ●**Transmit Power:** approx. 400W RMS (3.2 kW peak/peak) maximum ●**Depth Ranges:** 2.5 to 1,000 meters/fathoms/braccia selectable in 16 steps with 1-unit step phasing from 0 to 999 ●**Bottom Tracking Modes:** auto range and auto shift ●**Expansion Ranges:** 1.5 to 200 in 8 steps ●**Receiver Gain:** adjustable in 60 steps manually or automatically ●**Image Feed Rates:** $\frac{2}{1}$, $\frac{1}{1}$, $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$, $\frac{1}{16}$, $\frac{1}{32}$ and freeze ●**Noise Reduction:** low, mid and high ●**Echo Threshold:** up to 5 weak echo colors suppressible ●**Echo Dynamic Ranges:** 3, 4, 5 and 6 dB/color ●**White Line:** up to 5 strong colors of bottom echo suppressible ●**STC (TVG):** adjustable in 20 steps ●**Transducer Draft:** adjustable in 0.1 unit steps ●**Alarms:** depth alarm and fish alarm ●**Temperature Sensor:** T-300 or T-400 thermistor (option) ●**Digital I/O Interface:** NMEA-0183 ●**Display Unit Weight:** approx. 1.7 kg with mounting bracket attached ●**Cabinet Dimensions:** 248/196 (W) X 215/196(H) X 129(D) mm, with/without mounting bracket ●**Ambient Temperature:** -10 to 50°C, 95% RH without condensation ●**Power Requirements:** 11 to 40 volts d-c, approx.15W

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

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