



10.4-INCH DAYLIGHT-VIEWING TFT LCD DUAL FREQUENCY FISH FINDER

Model V-3002

MAJOR FEATURES:

Dual Frequency (50 & 200 kHz) commercial fish finder based on 10.4-inch VGA daylight-viewing TFT LCD.

Echogram is displayed using full VGA graphic pixel specifications for superb echo resolution.

Transmits 1 kW RMS of power at both 50 kHz and 200 kHz, with automatic selection of appropriate transmit pulse and sounding rate for depth range in use.

Wide screen can be split vertically or horizontally in two, with one half showing high frequency echogram and the other half, low frequency echogram, or with one half showing normal echogram and the other half, expanded echogram.

Trawl display mode allows separate depth range settings across split-screen high- and low-frequency echogram displays.

Two zooming modes – bottom-locked expansion and pelagic (mid water) expansion – for ease of fish finding at any depth.

A-scope display facilitates on-the-spot assessment of fish school size regardless of range or feed rate in use.

Echo threshold function erases unwanted weak echoes, without sacrificing sensitivity on fish detection.

White-line function helps in finding bottom-feeding fish by blanking bottom echo.

Echo dynamic range selection optimizes bottom and fish echo color arrangement under various bottom conditions without changing receiver gain/TVC settings.

Water temperature function is built in as standard, displaying temperature variation both digitally and graphically over echogram display.

Depth data of trawl net can also be displayed digitally and graphically with data input from NMEA-0183 depth/pressure sensor.

Adjustable velocity standard compensates for a change in sound propagation velocity where high degree of depth measurement accuracy is required.

Displays GPS-derived position, speed and heading with optional GPS sensor or other GPS data source connected.

Specifications

●Screen: 10.4" backlit VGA TFT LCD, daylight-viewing ●Transducer Unit: 50 kHz & 200 kHz elements in single housing (standard) or separate housings (optional) ●Transmit Power: 1 kW RMS (8 kW peak/peak) with automatic pulse width selection ●Ranges: 2.5 to 1000 meters/fathoms/braccia or 5 to 3000 feet in 15 steps. ●Range Selection Modes: automatic and manual ●Expansion Ranges: 1.5 to 200 meters/fathoms/braccia or 5 to 1000 feet in 8 steps ●Screen Split Modes: horizontal and vertical for dual frequency operation or normal/expansion echogram displays ●Split-Screen Range Selection Modes: synchronized or separate ●Sounding Rate Selection: automatic ●Echo Threshold: 5 weak echo levels suppressible ●Echo Dynamic Ranges: 3, 4, 5, and 6 dB/color ●Echogram Feed Rate: 5 plus freeze ●Noise Reduction Levels: 3 ●Alarms: depth (shallow/deep), fish and power failure (low battery) ●Water Temperature Display: digital and graphic, temperature sensor embedded in transducer housing ●Trawl Data Display: digital and graphic (NMEA-0183 input required) ●Velocity Standard: 1500 meters/second (default), adjustable over 1400 to 1600 m/sec. range in 10m steps. ●Draft Compensation: adjustable in 0.1-unit steps ●Digital I/O Interface: NMEA-0183 ●Dimensions: 366(W)×275(H)×110(D) mm, less mounting bracket ●Weight: 5.8 kg with mounting bracket attached ●Power Requirements: 11 to 40 VDC, approx. 30W ●Ambient Temperature: -15 to 55°C / operating, 95% RH

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

Jmc Japan Marina Co., Ltd.

36-2-1001 Udagawa-cho, Shibuya-ku, Tokyo, 150-0042 Japan
Phone: (03)3461-3606 / Telefax: (03)3496-2078 E-mail: sales@japan-marina.co.jp
Web site: www.japan-marina.co.jp