



Photo shows Model V-8202.

## DAYLIGHT-VIEWING TFT LCD DUAL FREQUENCY FISH FINDERS

# MODELS V-6202 & V-8202

### MAIN FEATURES:

**Dual frequency (50/200 kHz) 5.6-inch (V-6202)/6.4-inch (V-8202) TFT LCD QVGA fish finders 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 frequency, 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 at high or low frequency 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.**

**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.**

### General Specifications

●**Screen:** 5.6 inch (V-6202)/6.4-inch (V-8202) 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:** Single frequency full-screen display or dual frequency split-screen display / Split-screen single frequency echogram with/without bottom-locked or pelagic expansion / Split screen dual frequency display across right-hand screen and customizable display across left-hand screen / Split-screen single frequency normal display across left-hand screen and high sounding rate display across right-hand screen. ● **Echogram Storage Capacity:** 10 screen pages ●**A-Scope Display:** turned on/off in all display modes ●**Transducer Frequencies:** 50 kHz and 200 kHz ●**Transmit Power:** approx. 400W RMS (3.2. kW peak/peak) maximum ●**Depth Ranges:** 2.5 to 1,000 meters/fathoms/braccia 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 meters/fathoms/braccia in 8 steps ●**Gain Control Modes:** manual and automatic ●**Image Feed Rates:**  $\frac{2}{1}$ ,  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{1}{8}$ ,  $\frac{1}{16}$ ,  $\frac{1}{32}$  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 ●**Receiver Gain:** adjustable in 60 steps from minimum to maximum levels ●**STC (TVG):** adjustable in 20 steps ●**Transducer Draft:** adjustable in 0.1 meter/fathom/braccia steps ●**Alarms:** depth alarm (shallow/deep) and fish alarm (size and level) ●**Temperature Sensor:** T-300 or T-400 thermistor (option) ●**Digital I/O Interface:** NMEA-0183 ●**Display Unit Weight:** approx. 1.7 kg (V-6202), 1.8 kg (V-8202), with mounting bracket attached ●**Cabinet Dimensions:** 196 (W) X 196(H) X 129(D) mm, with mounting bracket ●**Ambient Temperature:** -15 to 55°C, 95% RH without condensation (for cabinet) ●**Power Requirements:** 11 to 40 volts d-c, approx. 15W (V-6202), 17W (V-8202)

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