



## 10-INCH DUAL-FREQUENCY COLOR ECHO SOUNDER

# MODEL V-1002

### MAJOR FEATURES:

**10-inch dual frequency (50/200 kHz) professional echo sounder**

**High sensitivity dual frequency transducer in single housing**

**1 kW RMS (8 kW peak/peak) transmitter output**

**Vertical or horizontal screen split for dual frequency operation**

**Separate depth range settings across high and low frequency displays**

**Automatic bottom tracking by selecting basic ranges or phasing basic range in use**

**A-scope display for instant assessment of fish school size regardless of range or feed rate in use**

**White line and bottom-locked expansion for ease of bottom fish detection**

**Selectable echo threshold level, suppressing disturbing weak colors without reducing receiver gain**

**Selectable echo color dynamic range**

**Depth alarm for increasing/decreasing depth**

**Fish alarm for detection of fish within range in use**

**Water temperature display using sensor embedded in transducer housing**

**Transducer draft compensation and adjustable velocity standard**

**Digital depth readout in meters, fathoms, braccia or feet**

### Specifications

●**Display:** 10-inch analog RGB CRT, 320X240 pixels ●**Frequencies:** 50 & 200 kHz ●**Transmit Power:** 1kW RMS (8 kW peak/peak) to specified dual frequency transducer ●**Matched Transducer:** Radarsonics 706T, 14" X 20" (50 kHz), 7" (200 kHz) ●**Basic Ranges:** 5 to 1000 meters/fathoms/braccia or 10 to 3000 feet in 14 ranges ●**Bottom Tracking:** auto ranging & auto phasing modes ●**Manual Phasing:** 1-unit steps ●**Expansion Modes:** bottom expansion & mid water expansion ●**Expansion Ranges:** 1 to 200 meters/fathoms/braccia or 5 to 1000 ft. in 8 ranges ●**Echo Color Dynamic Ranges:** 3, 4, 5 & 6 dB ●**Echo Threshold:** 4 levels ●**White Line:** 5 levels ●**Noise Reduction:** 3 levels ●**Feed Rates:** 1/1 to 1/16 in 5 steps ●**Draft Compensation:** 1-unit steps ●**Velocity Standard:** Adjustable in 10 m/sec steps ●**Cabinet Weight:** Approx. 9 kg ●**Cabinet Dimensions:** Approx. 288 (W)X288 (H)X292 (D) mm, less protrusions ●**Power Supply:** 11 to 40 VDC, floating ground. Approx. 50W

NOTE: The appearance and specifications are subject to change without notice or obligation.

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