



8-INCH DAYLIGHT-VIEWING TFT LCD GPS TRACK PLOTTER-DUAL/SINGLE FREQUENCY FISH FINDER

Model V-1080P

MAJOR FEATURES:

GENERAL:

Combination of GPS color track plotter and full-function dual-frequency or single-frequency commercial fish finder

8-inch daylight-viewing backlit TFT LCD with screen sleep mode function for prolonged screen service life

Full screen display of track plotter, fish finder, CDI and satellite information pages

Split screen display of track plotter page and fish finder page

NMEA-0183 I/O interface for transfer of depth and position data to/from onboard electronics

User-friendly menu-guided settings with selectable local languages

User-password prohibits unauthorized access to user data.

Power failure alarm alerts you audibly and visually to falling power supply voltage.

TRACK PLOTTER:

Built-in 18-channel WAAS/DGPS-ready GPS receiver

Built-in user-specified precision electronic map requires no chart cartridges or cards. (NOTE: Built-in map is not designed to replace official nautical charts)

Huge storage capacity for discrete waypoints with user-definable descriptive names

Huge storage capacity for track history with selectable storage intervals and trackline colors

Specifications

●**Screen:** 8" backlit TFT-LCD, daylight-viewing ●**GPS Receiver:** 18-channel parallel, 1575.42 MHz C/A code, WAAS/DGPS-ready ●**Display Modes:** plotter/CDI/satellite info./fish finder/dual ●**Map Coverage:** User-specified area between 85° N/S ●**Map Scale:** 1/2000 to 1/25 million or 0.1 to 1500 n.m. ●**Discrete Waypoints:** 8000 (numeric IDs) or 4000 (alphanumeric tag IDs) ●**MOB Waypoint:** 1 with date/time stamping, overwrite-protected ●**Route Waypoints:** 100, reversible ●**Boundary Points:** 400 per color (2800 in total) ●**Trackline Storage:** 8000 with selectable storage intervals in time or distance ●**Transducer:** 50/200 kHz dual frequency unit (dual frequency model), 50 kHz or 200 kHz single frequency unit (single frequency model) ●**Transmit Power:** approx. 500W RMS (4 kW peak/peak) to dual frequency transducer, approx. 600W RMS (4.8 kW peak/peak) to single frequency transducer ●**Ranges:** 2.5 to 1000 meters/fathoms/braccia in 15 steps with 1-unit phasing. Foot ranges also available. ●**Gain Control Modes:** automatic and manual ●**Echo Threshold:** 5 weak echo levels suppressible ●**Interfaces:** NMEA-0183 (digital) and analog (temperature sensor) ●**Maximum Dimensions:** approx. 225W/245 X 225H/271 X 135D mm with/without mounting bracket (cabinet), 110 mm dia.X104 mm (antenna, 10m cable attached) ●**Weight:** approx. 2.2 kg (display), 1 kg (mounting bracket) ●**Power Requirements:** 11 to 40 VDC, approx. 18W ●**Ambient Temperature (Cabinet):** -15 to 55 C, 95% RH /operating, -40 C/storage, (GPS Antenna): -30 to 70 C/operating

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

User-drawn 7-color boundary markers with proximity alarm
Devoted Man-overboard (MOB) key for protected storage of emergency position with automatic startup of MOB navigation
Instant startup of navigation to the user-specified position
Data transfer function for plotter-to-plotter cloning between JMC/OEM brand models, or for downloading to off-line/shore-based applications

FISH FINDER:

Full-screen single frequency display of user's choice or split-screen dual frequency display (for dual frequency model)

A-scope for instant fish size assessment in deep range/slow feed rate operations.

Bottom-locked expansion and pelagic expansion

Automatic receiver gain control and range selection/ phasing

Echo threshold function erases unwanted weak echoes without decreasing receiver gain.

White-line function enables bottom-feeding fish to stand out without sacrificing sensitivity on fish detection.

Selectable dynamic range optimizes bottom echo color display in various sea bed conditions.

Water temperature readout with optional thermistor sensor plugged in

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