



Photo shows Model NP2062.

## DAYLIGHT-VIEWING COLOR TFT LCD GPS TRACK PLOTTERS

# Models NP-2062 & NP-2082

### MAJOR FEATURES:

**GPS color track plotter housed in compact, electrostatically-shielded cabinet**

**Built-in 18-channel WAAS/DGPS-ready GPS receiver for extremely short time-to-first-fix from cold start and enhanced positioning accuracy. User-supplied external GPS sensor may also be connected.**

**Daylight-viewing TFT LCD (5.6-inch screen for Model NP-2062, 6.5-inch screen for Model NP-2082) with screen sleep mode function for prolonged screen service life.**

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

**Digital I/O interface for transfer of GPS-derived data to/from onboard electronics**

**User-friendly menu-guided settings with selectable local languages.**

**User-password prohibits unauthorized access to user data and deters theft.**

**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)**

**Devoted Man-overboard (MOB) key stores the current position with date and time stamping and automatically displays steering information for navigation back to that point.**

**User-definable alphanumeric name tags may be attached to waypoints.**

**Range ring tells distances to points of interest, graphically and at a glance.**

**Instantly calculates navigational data to cursor position, guiding you to that point through straight-line course.**

**Data transfer function allows user data (tracks, waypoints, routes and boundaries) to be downloaded to Windows-based PC for off-line/shore-based applications, and supports plotter-to-plotter data cloning between JMC/OEM brand models.**

**Soft reset allows memory retention of user data while initializing user-made settings.**

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

### Specifications

●Screen: 5.6" (NP-2062) or 6.5" (NP-2082P) backlit QVGA TFT-LCD, daylight-viewing ●GPS Receiver: 18-channel parallel, 1575.42 MHz C/A code, WAAS/DGPS-ready ●Display Pages: plotter/CDI/satellite information/fish finder/dual ●Map Coverage: User-specified area between 85°N/S, north-up mercator ●Map Scale: 1/2250 to 1/25 million or 0.1 to 1500 n.m. ●Discrete Waypoints: 4000 (numeric IDs) or 1800 (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 ●Nav. Alarms: anchorage, arrival, boundary, cross-track error and HDOP ●Interfaces: NMEA-0183 (digital) and analog (temperature sensor) ●Dimensions: 196 (W)X196(H)X129(D) mm, less protrusions & mounting bracket ●Weight: Approx. 1.75 kg (NP-2062), 1.86 kg (NP-2082), with mounting bracket ●Power Requirements: 11 to 40V, approx. 12W (NP-2062)14W (NP-2082) ●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.

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