NAVMAN

NAVMAN 8120

It's the sleek 12-inch navigation console that's designed for the modern boating experience.

The 8120 is the low-profile, low power multifunction marine computer or datahelm every fisherman, cruiser and sailor is calling for, integrating GPS, sonar, fuel management and video functionality into a daylight viewable high-resolution screen.

Chart. Navman's 32 MB chart gets you started for global navigation, or install C-Map's NT MAX™ technology for detailed chart data, value-added port info and land detail.

Sonar. The 8120 is equipped with a powerful 1 kW (RMS) sounder that automatically adjusts the output power (1 kW or 600 W) to match the wattage of the transducer. No black box required, just plug the transducer of choice directly into the 8120 and you're up and running.

Fuel Management. With the NAVMAN 8120, you have on-demand access to your engine's performance data as well as SmartCraft™ management for Mercury engines.

Video. For the first time, Navman brings video to your helm. Hook a security camera up for live deck monitoring, engine room surveillance or underwater views. Or even run a DVD player or camcorder into the NAVMAN 8120 for infotainment[†].
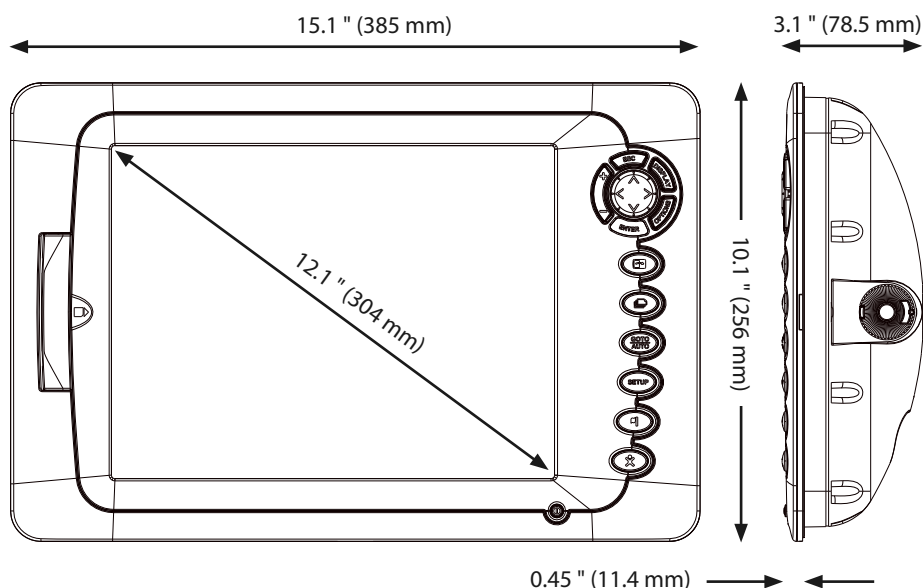
†   *A separate audio output device required.*

NAVMAN 8120 Features & Benefits

- ▲ Incredibly crisp, clear, vivid daylight-view 12.1 " 800 x 600 pixel screen
- ▲ C-Map NT MAX™ compatibility with built-in 32 MB chart
- ▲ The classic, easy-to-use Navman interface
- ▲ Radar compatibility (November 2006)
- ▲ GPS sensor included
- ▲ Up to 1 kW sonar - no sounder module required
- ▲ Video input
- ▲ Flexible fuel management options: Gasoline and Mercury SmartCraft™ *
- ▲ 2-year warranty

*   *Requires optional fuel kit / SmartCraft™ gateway*

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15.1 " (385 mm)   3.1 " (78.5 mm)

12.1 " (304 mm)

10.1 " (256 mm)

0.45 " (11.4 mm)

NAVMAN 8120 SPECIFICATIONS

Physical Attributes	
Daylight viewable TFT color screen (pixels)	800 x 600
Screen size (diagonal)	12.1 " (304 mm)
Supply voltage	12 - 24 V
Waterproof rating	IPx6, IPx7
Mounting	Flush or bracket
Video	
Video Input	BNC (PAL / NTSC)
Chart / GPS Navigation	
Embedded world map	32 MB
Waypoint memory	3000
Routes	25 - up to 50 waypoints / route
Tracklogs (time or distance)	5 : 1 x 2000 points, 4 x 500 points
C-Map Cartography (on SD card)	NT MAX
C-Map SD card slots	2
C-Map user card support	Yes, on SD cards
Sonar	
Transmit frequency	50 | 200 kHz
Output power (RMS)	600 | 1000 W
Depth range	2 — 3300 ft (0.6 — 1000 m)

Fuel Management *	
Instant fuel flow Fuel Used / Remaining Economy Range	Gasoline & Diesel
SmartCraft™ capable	Yes
Communications	
VHF DSC Interface	Yes
NMEA 0183 (ver. 2) input	Standard input from GPS or DGPS receiver, BWR, DBT, DPT, GGA, GLL, GSA, GSV, HDG, HDM, HDT, MTW, MWV, RMC, VHW and VTG
NMEA 0183 (ver. 2) output	APA, APB, BWR, DBT, DPT, GGA, GLL, GSA, GSV, MTW, RMB, RMC, VHW, VLW, VTG, XDR and XTE
Fish Forecast / Weather Station **	Yes
Track-Your-Buddy **	Yes

*   *Requires optional fuel kit / SmartCraft™ gateway*

** *Requires Navman VHF 7200 radio to use this feature.*

NAVMAN 8120 Part Numbers	
Head unit only	AA006620R
- with GPS antenna	AA006624R

Note: Although the 8120 is a multifunction product, the sonar transducer will be sold separately due to the weight of the 1 kW transducers and the number of options now available.

The 8120 detects if the transducer requires 600 W or 1 kW of power and supplies it accordingly.

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