

# Product Specifications GPSMAP® 8424 MFD

## General

PHYSICAL DIMENSIONS	22.8" x 16.1" x 2.8" (60.0 cm x 41.0 cm x 7.1 cm)
DISPLAY SIZE	20.4" x 12.8"; 24.0" diagonal (51.8 x 32.5 cm; 61.0 cm diagonal)
DISPLAY RESOLUTION	1920 x 1200 pixels
DISPLAY TYPE	Touchscreen IPS display (anti-glare finish)
WEIGHT	18.95 lbs (8.60 kg)
<a href="#">WATER RATING</a>	IPX7
MOUNTING OPTIONS	Flush or Flat
POWER CONSUMPTION	Max power usage at 10 Vdc: 87 W Typical current draw at 12 Vdc: 6.1 A Max current draw at 12 Vdc: 7.6 A
ANTENNA	External only
RECEIVER	10 Hz high-sensitivity
GARMIN MARINE NETWORK™ PORTS	4

## Maps & Memory

PRELOADED MAPS	None
ACCEPTS DATA CARDS	2 SD Cards (with Garmin SD card reader accessory)
WAYPOINTS	5,000
TRACK LOG	50,000 points; 50 saved tracks, with 5000 points each
ROUTES	100 (250 waypoints each)

## Outdoor Recreation

TIDE TABLES	Yes
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## Chartplotter Features

GARMIN RADAR COMPATIBLE	Yes
GARMIN SONAR COMPATIBLE	Yes
GARMIN SMARTMODE COMPATIBLE (CUSTOMIZABLE MONITOR PRESETS)	Yes
SUPPORTS AIS (TRACKS TARGET SHIPS POSITION)	Yes
SUPPORTS DSC (DISPLAYS POSITION DATA FROM DSC-CAPABLE VHF RADIO)	Yes
GARMIN METEOR™ AUDIO SYSTEM COMPATIBLE	Yes

SUPPORTS FUSION-LINK™ COMPATIBLE RADIOS	Yes
GSD™ BLACK BOX SONAR SUPPORT	Yes
GCV™ BLACK BOX SONAR SUPPORT	Yes
ACTIVECAPTAIN COMPATIBLE	Yes
GRID™ (GARMIN REMOTE INPUT DEVICE) COMPATIBLE	Yes

## Sonar Features & Specifications

DUAL-FREQUENCY (50/200 KHZ) SONAR CAPABLE	Yes (with external black box, sold separately)
DUAL-BEAM (77/200 KHZ) SONAR CAPABLE	Yes (with external black box, sold separately)
CHIRP SONAR TECHNOLOGY	Yes (with external black box, sold separately)
CLEARVÜ	Yes (with GCV™ black box, sold separately)
SIDEVÜ	Yes (with GCV™ black box, sold separately)

## Connections

NMEA 2000® COMPATIBLE	Yes
NMEA 0183 INPUT PORTS	4
NMEA 0183 OUTPUT PORTS	2
VIDEO INPUT PORTS	1 - BNC composite 1 - HDMI (HDCP compliant)
VIDEO OUTPUT PORTS	1 - HDMI
WIRELESS CONNECTIVITY	Yes

## Additional

ADDITIONAL	<p>Additional connections:</p> <ul style="list-style-type: none"> <li>• NMEA 2000 port: 1</li> <li>• USB port: 1</li> <li>• J1939 port: 1</li> </ul> <p>HDMI and composite video inputs are encoded and shared across the Garmin Marine Network to other compatible chartplotters.</p>
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