

GARMIN SIGNAL™ VHF 400/220 AND RM 100

MARINE VHF RADIO SERIES AND REMOTE STATION

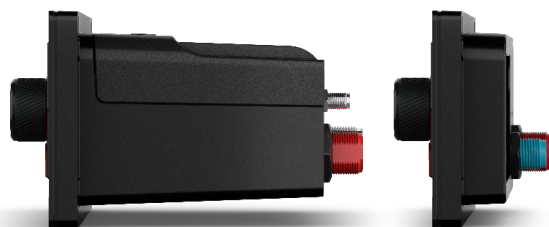


PRODUCT OVERVIEW

When you're on the water, the Garmin Signal marine VHF radio series is your advanced communication solution. These all-in-one marine radios help you stay aware on the water with built-in AIS capabilities, while the remote station is ideal for multi-station setups, giving you full remote control from a secondary helm or flybridge. Their sleek and modern design features a 3.5" color touchscreen display, adaptive noise cancellation and advanced software features.



The VHF 400 device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained.



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KEY FEATURES

BUILT-IN AIS

Stay aware on the water with built-in AIS transmit and receive capabilities for the VHF 400 and AIS receive-only for the VHF 220. This feature shows you range, course, speed and the crossing situation of other AIS-equipped vessels around you to help you navigate.



ADAPTIVE NOISE CANCELLATION

Advanced noise cancellation uses machine learning algorithms to eliminate wind, wave and engine noise for the cleanest audio experience.



ADVANCED SOFTWARE FEATURES

Eliminate unnecessary radio noise with automated squelch. If you miss a radio message, you can replay it with VHF audio playback. When you need to maintain watch on multiple channels, advanced watch modes make it easy.



INSTALLATION IS A BREEZE

Installation is simple since VHF/DSC/AIS features only require a single VHF antenna, and the GPS antenna/receiver is built into the unit. Chartplotter integration is seamless via the NMEA 2000® network and Garmin BlueNet™ Network. Antenna diagnostics make setup and troubleshooting straightforward.



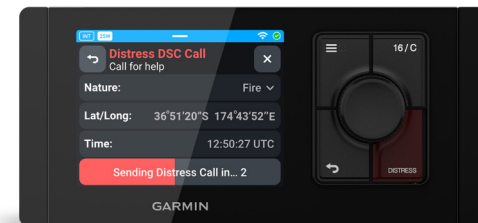
SLEEK DESIGN

The compact and modern design features a 3.5" color touchscreen display with edge-to-edge glass and takes up minimal space at the helm. You have the choice of installing the head unit with a flush or premium flat mount finish.



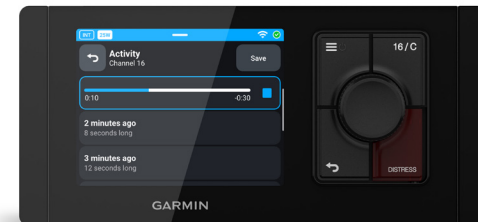
STAY CONNECTED

Quickly transmit a distress signal to nearby vessels with the distress button, which uses Class D DSC to automatically send crucial information that can help emergency responders. You can also use the intuitive DSC features to quickly initiate contact with other AIS-equipped vessels; simply select the vessel on the AIS plotter view, and call them with a tap of a button.



VHF AUDIO PLAYBACK

Didn't catch that message? Replay it with VHF audio playback, and listen to audio messages for up to 3 minutes on any channel.



TOTAL CONTROL

Control VHF, DSC, AIS and other radio functions from a secondary helm or flybridge. The intercom feature enables communication between the remote station and networked head units.



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KEY FEATURES CONTINUED

GARMIN MARINE NETWORK	The remote station connects to your Garmin Signal VHF 400 or 220 radio via a single Garmin BlueNet™ Network connection for easy setup and installation.
EASY TO CONFIGURE AND UPDATE	Configure the radio, program the MMSI number, and get over-the-air software updates with the ActiveCaptain® smartphone app via built-in Wi-Fi® connectivity.
ADVANCED WATCH MODES	All VHF channels are continuously scanned for activity in the background, allowing you to maintain watch over channel 16 and all your favorite preset channels simultaneously.
AIS TRANSPONDER	Maintain situational awareness with the built-in Class B AIS SOTDMA transponder (VHF 400 only).
FIST MIC	The included fist mic features a built-in speaker (5-watt RMS) and can be mounted in a different location to the head unit.
RUGGED DESIGN	Built to withstand harsh marine environments with an IPX7 rating.
EXTERNAL SPEAKER SUPPORT	Connect a compatible external speaker for more playback options beyond the built-in speaker on the fist mic.
HAILER WITH LISTEN BACK	Connect the VHF 400/220 radio to a compatible loudhailer for broadcasting announcements. The listen back feature gathers background sounds that can be heard through the fist mic or external speaker.

Learn more at Garmin.com.

PRODUCT CONFIGURATIONS

SCHEDULE B: 8525601045
HTS: 8525.60.1040



AVAILABLE	INCLUDES	COUNTRY OF ORIGIN
Q3 2026	Garmin Signal VHF 400 head unit, fist mic, sun cover, head unit power and external audio cable with fuse (2 meters), fist mic power cable with fuse (2 meters), drop cable for NMEA 2000® network (2 meters), mounting hardware, mounting template and documentation	Made in Taiwan. Cables made in China, Taiwan or Cambodia.

DESCRIPTION	SKU	UPC	MRP (USD)	MRP (CAD)
Garmin Signal VHF 400 Marine VHF Radio with Built-in AIS Transponder	010-02951-00	753759332365	\$1,499.99	\$2,099.99

AVAILABLE	INCLUDES	COUNTRY OF ORIGIN
May 2026	Garmin Signal VHF 220 head unit, fist mic, sun cover, head unit power and external audio cable with fuse (2 meters), fist mic power cable with fuse (2 meters), drop cable for NMEA 2000 network (2 meters), mounting hardware, mounting template and documentation	Made in Taiwan. Cables made in China, Taiwan or Cambodia.

DESCRIPTION	SKU	UPC	MRP (USD)	MRP (CAD)
Garmin Signal VHF 220 Marine VHF Radio with Built-in AIS Receiver	010-02951-01	753759332372	\$999.99	\$1,399.99



AVAILABLE	INCLUDES	COUNTRY OF ORIGIN
May 2026	Garmin Signal RM 100 remote station, fist mic, sun cover, remote station power and external audio cable with fuse (2 meters), fist mic power cable with fuse (2 meters), cable for Garmin BlueNet™ network (6 meters), mounting hardware, mounting template and documentation	Made in Taiwan. Cables made in China, Taiwan or Cambodia.

DESCRIPTION	SKU	UPC	MRP (USD)	MRP (CAD)
Garmin Signal RM 100 Remote Station	010-02952-00	753759332402	\$699.99	\$979.99

GARMIN SIGNAL™ VHF 400/220 AND RM 100

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PHYSICAL SPECIFICATIONS

	VHF 400	VHF 220	RM 100
GENERAL			
DIMENSIONS (HxWxD)	Head unit: 75 x 160 x 104 mm (3.0" x 6.3" x 4.1") Fist mic: 100 x 60 x 31 mm (3.9" x 2.4" x 1.2")	Head unit: 75 x 160 x 104 mm (3.0" x 6.3" x 4.1") Fist mic: 100 x 60 x 31 mm (3.9" x 2.4" x 1.2")	Head unit: 75 x 160 x 29 mm (3.0" x 6.3" x 1.2") Fist mic: 100 x 60 x 31 mm (3.9" x 2.4" x 1.2")
DISPLAY SIZE	3.5" (89 mm)	3.5" (89 mm)	3.5" (89 mm)
DISPLAY TYPE	Color IPS LCD, capacitive touch	Color IPS LCD, capacitive touch	Color IPS LCD, capacitive touch
DISPLAY RESOLUTION	640 x 480 pixels	640 x 480 pixels	640 x 480 pixels
BACKLIGHT	1,000 nits	1,000 nits	1,000 nits
WATER RATING	IPX7	IPX7	IPX7
OPERATING VOLTAGE	9.6–32 VDC	9.6–32 VDC	9.6–32 VDC
OPERATING TEMPERATURE	-20 C to 55 C (-4 F to 131 F)	-20 C to 55 C (-4 F to 131 F)	-20 C to 55 C (-4 F to 131 F)
WEIGHT	Head unit: 655g (1.45 lbs) Fist mic: 245g (0.54 lbs)	Head unit: 655g (1.45 lbs) Fist mic: 245g (0.54 lbs)	Head unit: 240g (0.53 lbs) Fist mic: 245g (0.54 lbs)
COMPASS SAFE DISTANCE	Head Unit: 70 cm (27.6") Fist Mic: 40 cm (15.8")	Head Unit: 70 cm (27.6") Fist Mic: 40 cm (15.8")	Head Unit: 70 cm (27.6") Fist Mic: 40 cm (15.8")
MULTI-LANGUAGE INTERFACE	Yes	Yes	Yes
VHF FEATURES			
ADAPTIVE NOISE CANCELLATION	Yes	Yes	Yes
AUDIO RECORD AND PLAYBACK	Yes	Yes	Yes
AUTO SQUELCH	Yes	Yes	Yes
DUAL/TRI WATCH	Yes	Yes	Yes
PRESETS WATCH	Yes	Yes	Yes
NOAA WEATHER ALERT	Yes	Yes	Yes
NOAA WEATHER WATCH	Yes	Yes	Yes
INLAND WATERWAYS (ATIS)	Yes	Yes	N/A
LOUDHAILER	Yes	Yes	N/A
SUPPORTS LOUDHAILER WITH LISTEN BACK	Yes	Yes	N/A
INTERCOM SUPPORT	Yes	Yes	Yes
AIS TARGET DISPLAY	Yes	Yes	Yes
AIS COLLISION AND MOB ALARMS	Yes	Yes	Yes
REMOTE STATION SUPPORT	RM 100 (x5)	RM 100 (x5)	N/A
INTEGRATED AIS TRANSPONDER	Yes	No	N/A
VHF RADIO			
REGIONS	All U.S., Canadian and international marine channels; NOAA weather channels	All U.S., Canadian and international marine channels; NOAA weather channels	N/A
VHF FREQUENCY RANGE TX	156.025–162.025 MHz	156.025–162.025 MHz	N/A
VHF TRANSMIT POWER (MAXIMUM)	25 watts, 1 watt (high, low)	25 watts, 1 watt (high, low)	N/A
TRANSMITTER FREQUENCY TOLERANCE	+/-0.3 kHz	+/-0.3 kHz	N/A
ADJACENT CHANNEL POWER	More than 70 dB	More than 70 dB	N/A
SPURIOUS EMISSIONS	Less than -80 dBc (at 25 watts)	Less than -80 dBc (at 25 watts)	N/A
SENSITIVITY (12 DECIBELS SINAD)	-118 dBm (-11 dBu/0.28 uV)	-118 dBm (-11 dBu/0.28 uV)	N/A
ADJACENT CHANNEL SELECTIVITY	80 dB	80 dB	N/A
SPURIOUS RESPONSE	More than 75 dB	More than 75 dB	N/A
INTERMODULATION	More than 75 dB	More than 75 dB	N/A
MAXIMUM ANTENNA GAIN	6 dBi	6 dBi	N/A
ANT CONNECTOR	SO-239 (50 ohms)	SO-239 (50 ohms)	N/A

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PHYSICAL SPECIFICATIONS CONTINUED

	VHF 400	VHF 220	RM 100
DSC			
CLASS	D	D	N/A
SENSITIVITY (1% BER)	-117 dBm (-10 dBu/0.32 uV)	-117 dBm (-10 dBu/0.32 uV)	N/A
ADJACENT CHANNEL SELECTIVITY	80 dB	80 dB	N/A
SPURIOUS RESPONSE	More than 75 dB	More than 75 dB	N/A
INTERMODULATION	More than 75 dB	More than 75 dB	N/A
AIS			
CLASS	Class B SOTDMA	AIS RX only	N/A
LONG-RANGE POSITION REPORTS (MSG 27)	Yes	N/A	N/A
FREQUENCY RANGE	156.025–162.025 MHz	156.025–162.025 MHz	N/A
POWER OUTPUT	5-watts	N/A	N/A
SENSITIVITY (20% PER)	-115 dBm (-8 dBu/0.4 uV)	115 dBm (-8 dBu/0.4 uV)	N/A
ADJACENT CHANNEL SELECTIVITY	80 dB	80 dB	N/A
SPURIOUS RESPONSE	More than 75 dB	More than 75 dB	N/A
INTERMODULATION	More than 65 dB	More than 65 dB	N/A
GNSS			
INTEGRATED GNSS RECEIVER	Yes	Yes	N/A
INTEGRATED GNSS ANTENNA	Yes	Yes	N/A
CONSTELLATIONS	GPS, GLONASS, BeiDou, Galileo	GPS, GLONASS, BeiDou, Galileo	N/A
DIFFERENTIAL SUPPORT	SBAS, AIS Msg 17	SBAS, AIS Msg 17	N/A
NAVIGATION UPDATE RATE	10 Hz	10 Hz	N/A
NETWORKING			
WIRELESS CONNECTIVITY	Access point for mobile phones, 802.11 b/g/n, integrated antenna	Access point for mobile phones, 802.11 b/g/n, integrated antenna	N/A
SENSORS			
NMEA® 2000	Yes	Yes	N/A
BATTERY VOLTAGE	Yes	Yes	N/A
AUDIO			
MAX SPEAKER OUTPUT POWER	Fist mic: 5-watt RMS, < 1% THD	Fist mic: 5-watt RMS, < 1% THD	Fist mic: 5-watt RMS, < 1% THD
MAX EXTERNAL SPEAKER OUTPUT POWER	15-watt RMS, < 1% THD, 4 ohms	15-watt RMS, < 1% THD, 4 ohms	15-watt RMS, < 1% THD, 4 ohms
MAX HAILER LOUDSPEAKER	25-watt RMS, < 1% THD, 4 ohms	25-watt RMS, < 1% THD, 4 ohms	N/A
TACTICAL FEATURES			
NIGHT VISION MODE	Yes	Yes	Yes
STEALTH MODE	Yes	N/A	N/A
ELECTRICAL FEATURES			
TYPICAL CURRENT DRAW (12-VOLT SYSTEM)	Head unit: 700 mA, 6 A max Fist mic: 90 mA, 0.9 A max	Head unit: 700 mA, 6 A max Fist mic: 90 mA, 0.9 A max	Head unit: 400 mA, 1.8 A max Fist mic: 90 mA, 0.9 A max
CONNECTIONS			
GARMIN MARINE NETWORK (GMN)	GMN 1.0/2.0	GMN 1.0/2.0	GMN 1.0/2.0
WIRELESS SECURITY	WPA2 personal	WPA2 personal	N/A
EXTERNAL GNSS ANTENNA CONNECTOR	SMA	SMA	N/A
ANT CONNECTOR	SO-239 (50 ohms)	SO-239 (50 ohms)	N/A

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PACKAGING SPECIFICATIONS



	VHF 400/VHF 220	RM 100
Gift box dimensions (WxHxD)	8.7" x 9.6" x 7.2" (22.0 x 24.5 x 18.2 cm)	8.7" x 9.6" x 5.4" (22.0 x 24.5 x 13.7 cm)
Gift box weight	2.1 kg (4.6 lbs)	1.6 kg (3.5 lbs)
Master carton dimensions (WxHxD)	18.4" x 11.4" x 8.1" (46.7 x 29.0 x 20.7 cm)	22.6" x 10.8" x 18.2" (57.3 x 27.5 x 46.3 cm)
Master carton weight	4.7 kg (10.4 lbs)	14.3 kg (31.5 lbs)
Master carton quantity	2	8

PRODUCT COPY

Product copy can be downloaded from the [Dealer Resource Center](#).

FEATURE/BENEFIT VIDEO



COMPATIBLE APPS

ACTIVECAPTAIN®



This free all-in-one mobile app allows you to manage your marine experience from nearly anywhere.

Configure the MMSI and access updates from your compatible smart device.

NAVIONICS® BOATING



For cruising, fishing, sailing, diving and all your other activities on the water, the Navionics Boating app brings detailed offshore marine and inland lake charts to your mobile device, so they're on hand wherever you go.

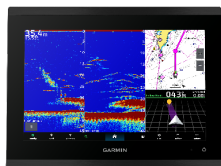
Connect to your Garmin Signal marine VHF radio via Wi-Fi to overlay AIS, GPS and heading data on your charts.

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COMPATIBLE PRODUCT OVERVIEW

GPSMAP® 9000xsv CHARTPLOTTER SERIES



GPSMAP 9000 CHARTPLOTTER SERIES



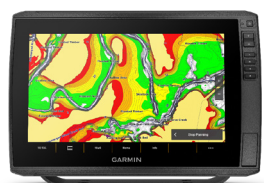
GPSMAP x3 CHARTPLOTTER SERIES



GPSMAP 8600 CHARTPLOTTER SERIES



ECHOMAP™ ULTRA 2 CHARTPLOTTER SERIES



ECHOMAP UHD2 6"/7"/9" TOUCHSCREEN CHARTPLOTTER SERIES



COMPATIBLE ACCESSORY OVERVIEW

WHITE EXTERNAL SPEAKER (SINGLE) **NEW**



SKU: 010-13442-00
UPC: 753759341435
MSRP: \$69.99 USD

BLACK EXTERNAL SPEAKER (SINGLE) **NEW**



SKU: 010-13442-01
UPC: 753759341442
MSRP: \$69.99 USD

BAIL MOUNT **NEW**



SKU: 010-13441-00
UPC: 753759341404
MSRP: \$59.99 USD

		SKU	UPC	MSRP (USD)	IMAGE
NEW	PROTECTIVE COVER	010-13441-10	753759341411	\$29.99	
NEW	EXTERNAL MOUNTING SPACER (SINGLE)	TWO SURFACE 010-13442-20 (white) 010-13442-21 (black) THREE SURFACE 010-13442-30 (white) 010-13442-31 (black)	753759341459 753759341466 753759341473 753759341480	\$14.99	
NEW	RETROFIT KIT	010-13441-20	753759341428	\$29.99	

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COMPATIBLE ACCESSORY OVERVIEW CONTINUED

	SKU	UPC	MSRP (USD)	IMAGE
GA™ 38 GPS AND GLONASS ANTENNA	010-13305-00 (white) 010-13305-20 (black)	753759318703 753759331245	\$149.99	
NMEA 2000® BACKBONE/ DROP CABLE	VARIOUS		\$29.99 and up	
GARMIN BLUENET™ NETWORK CABLE	VARIOUS		\$29.99 and up	
GARMIN MARINE NETWORK ADAPTER CABLE	010-12531-01	753759216566	\$24.99	
NMEA 2000 T-CONNECTOR	010-11078-00	753759078140	\$29.99	
NMEA 2000 MULTI-PORT T-CONNECTOR	010-11078-01	753759182311	\$74.99	

For a full list of compatible products and accessories, visit Garmin.com.

DISCONTINUED

Effective immediately, the product listed below is discontinued. Limited quantities may still be available. Place your orders while supplies last.

SKU	UPC	DESCRIPTION
010-02098-00	753759210786	VHF 215 Garmin AIS™ Marine Radio



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Please note: The ECCNs and Classification numbers provided represent the opinion of Garmin International, Inc. of the proper classifications for the products today (based on the original software and/or original hardware). Classifications are subject to change. Under the U.S. export regulations, the U.S. Government assigns your organization or client, as exporter/importer of record, the responsibility for determining the correct classification of any item at the time of export/import. Depending on the products, the customer, or the country of destination, an export license may be required by the Department of Commerce prior to shipment. The Department of Commerce's Bureau of Industry and Security (former Bureau of Export Administration) website (<http://www.bis.doc.gov>) provides information that might be useful to you in determining whether you need to obtain a license for a particular shipment. To be clear, if an item described above does require a validated export license, it would be the exporter's responsibility to obtain this license prior to exportation.