

OCTOBER 2025 MARINE SOFTWARE UPDATE



In an ongoing effort to improve our products and provide enhanced features to existing users, we are excited to announce the Q4 2025 marine software update. This update provides improved functionality and new features throughout our marine systems.

The preferred update method is a free download using the ActiveCaptain® mobile app or from a computer with Garmin Express™ software. A preloaded update card is also available for purchase and will be shipped directly from Garmin. Click [here](#) for all update methods.

For the most up-to-date chart data available, visit our [chart update page](#) or check the [marine support](#) section on Garmin.com to find information on updating your device's charts, or tap the **Download Charts** option from the ActiveCaptain app to see what's available. For more information on available marine charts, visit our [marine chart viewer](#).

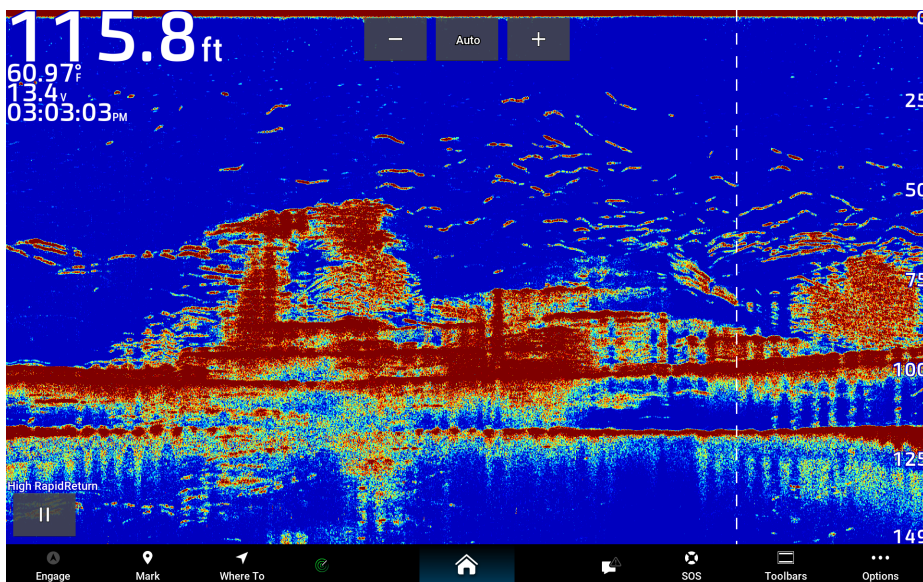
NEW FEATURES

Notable features in this software release include:

SONAR BUFFERING WHILE PAUSED

With this update, the system continues to gather sonar data while sonar scrolling is paused. Resuming sonar scrolling now refreshes the sonar image with historical sonar data as well as data collected while sonar was paused.

- A vertical dashed line in the sonar history indicates where the user last viewed sonar scrolling.
- Sonar history to the left of the dashed line was viewed before sonar was paused.
- Sonar history to the right of the dashed line was viewed after sonar was resumed.



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ECHOMAP™ WI-FI® DEVICE-TO-DEVICE SOFTWARE UPDATES

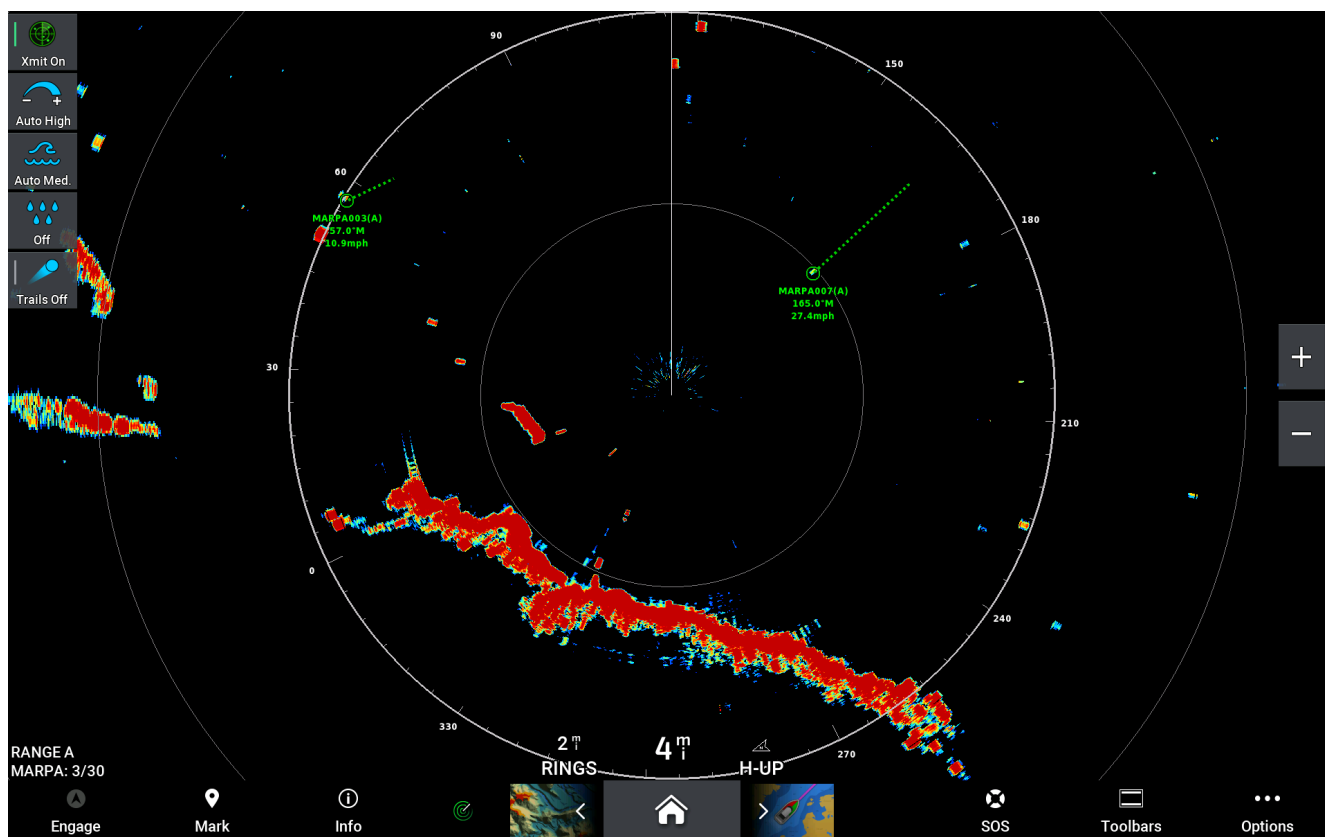
This update enables device-to-device updates for Echomap chartplotters.

- Echomap UHD2 (touch and keyed) and Echomap Ultra 2 units running Q4 2025 software will be able to update each other when connected over Wi-Fi in future updates.
- Echomap UHD (touch and keyed) and Echomap Ultra 2 units connected over Wi-Fi must be updated individually to the Q4 2025 update for software to enable updates over Wi-Fi in the future.

RADAR MARPA ALGORITHM IMPROVEMENTS

This update redesigns algorithms for radar target tracking and auto acquisition.

- The update greatly improves the stability and performance of MARPA, including real-time predicted track updates, reduced lost targets and target swap, and improved tracking during ship maneuvers.
- The update improves Auto Acquire to prioritize moving targets.

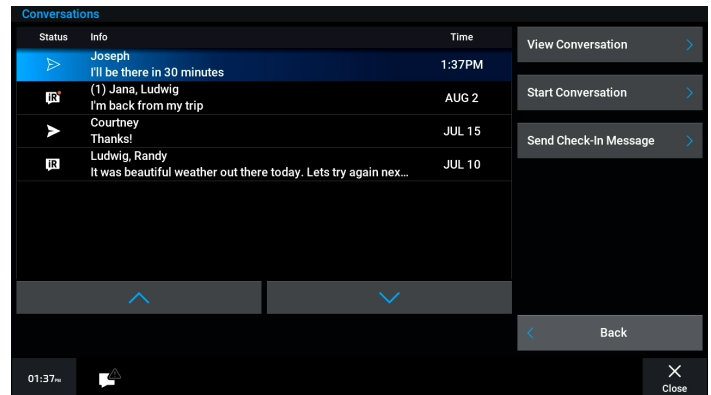
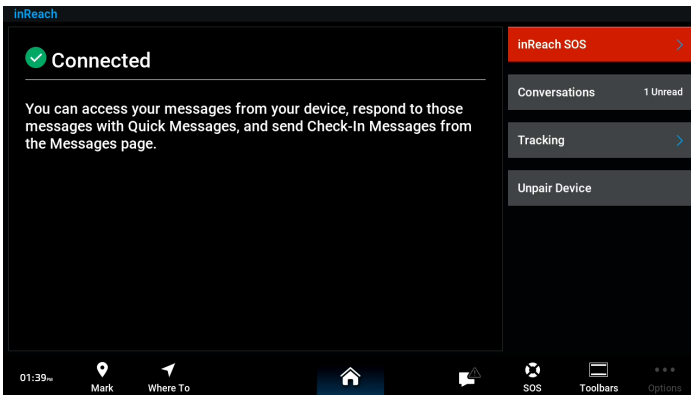


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CHARTPLOTTER INREACH® INTEGRATION

This update adds the following inReach features to Garmin chartplotters:

- Message statuses are now displayed on the conversation and message review pages. Statuses include Sending, Sent, Unread, Read and Failed.
- Total unread message count is displayed on the Conversations button in the inReach menu.
- Unread message count for each conversation is displayed in the Conversations list. Opening a conversation marks all messages in that conversation as read.
- A new menu for enabling inReach tracking and adjusting sending interval has been added.



AUTO-HIDE GAUGE PAGING CONTROLS

The Auto-Hide Gauge Paging Controls feature:

- Automatically hides the paging controls when not needed so they don't take up space on gauge pages.
- When the screen is tapped paging controls that are hidden will show again.
- Updates the look of the paging controls in gauge pages.

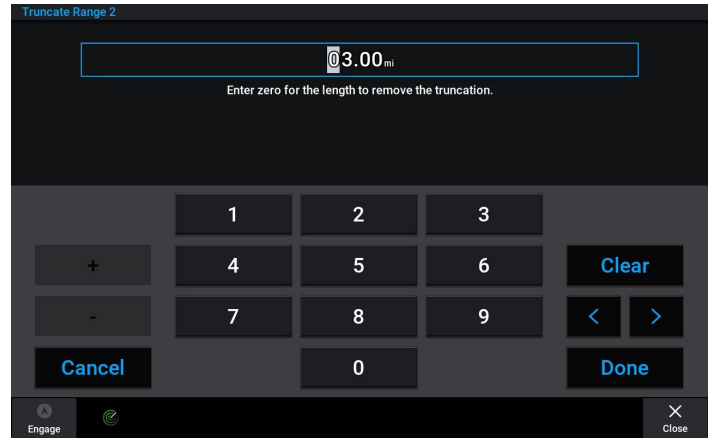
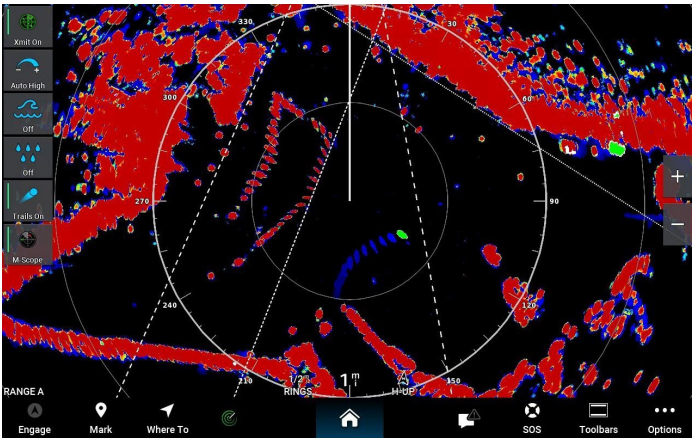


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RADAR DISPLAY PARALLEL INDEX LINES

Parallel Index Lines:

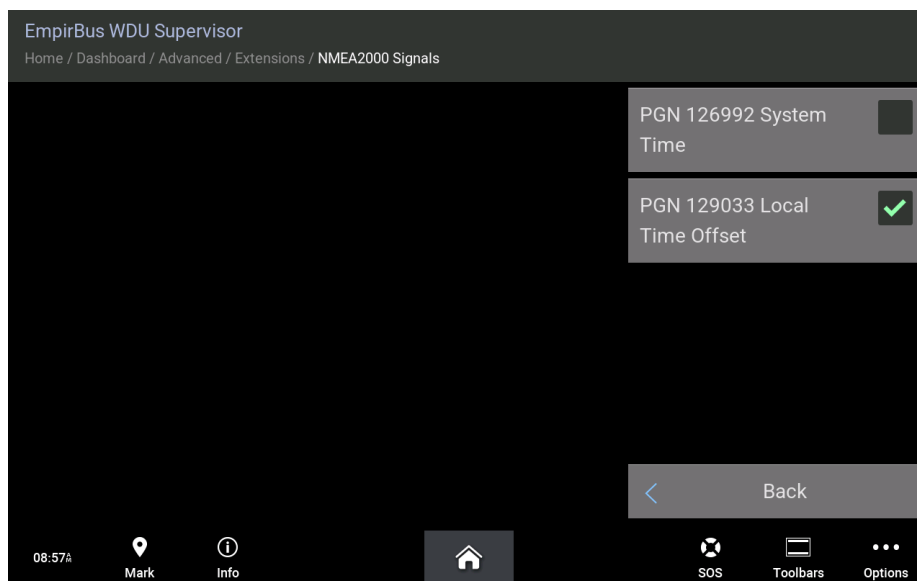
- Are used as a measure to monitor the progress of a vessel on the track to minimize the cross-track distance.
- Keep the vessel at a safe distance from the shoreline or rock.
- Allow the watchkeeper to react almost instantly to any deviation from the planned track and to constantly monitor whether the vessel is 'right of the track', left of the track' or 'on track'.



DIGITAL SWITCHING PLATFORM IMPROVEMENTS

This update enables synchronization of System Time and System Time Offset from the EmpirBus™ WDU v2 to any other supported NMEA 2000® device, including the EmpirBus™ configuration.

- Transmission is done via standard NMEA PGNs:
 - PGN 126992 System Time
 - PGN 129033 System Time Offset
- By default, WDUv2 will not transmit those PGNs. To enable, use **EmpirBus WDU Supervisor, Advanced, Extensions and NMEA2000 Signals**, then choose the PGN you want to transmit.



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FUSION® AUDIO APP UPDATE

Select JL Audio® Amplifier, Speaker and Subwoofer Profiles are now available.

- In an ongoing effort to maximize system compatibility between Fusion and JL Audio products, the JL Audio amplifiers, speakers and subwoofers listed below are now available for set-up and configuration in the Fusion Audio app.

	Part Number	Description	Model	
Amplifiers	010-03839-00	JL Audio XDM Car and Marine Monoblock Subwoofer Amplifier (300 watts)	XDM300/1	
	010-03116-00	JL Audio XDM Car and Marine Monoblock Subwoofer Amplifier (600 watts)	XDM 600/1	
	010-03112-00	JL Audio XDM Car and Marine Monoblock Subwoofer Amplifier(1000 watts)	XDM 1000/1	
	010-03114-00	JL Audio XDM Car and Marine 2-channel Full-range Amplifier (200 watts)	XDM 200/2	
	010-03343-00	JL Audio XDM Car and Marine 3-channel System Amplifier (500 watts)	XDM 500/3	
	010-03115-00	JL Audio XDM Car and Marine 4-channel Full-range Amplifier (400 watts)	XDM 400/4	
	010-03118-00	JL Audio XDM Car and Marine 5-channel System Amplifier (700 watts)	XDM 700/5	
	010-03113-00	JL Audio XDM Car and Marine 5-channel System Amplifier (1000 watts)	XDM 1000/5	
	010-03117-00	JL Audio XDM Car and Marine 6-channel Full-range Amplifier (600 watts)	XDM 600/6	
	010-03119-00	JL Audio XDM Car and Marine 8-channel Full-range Amplifier (800 watts)	XDM 800/8	
	010-03320-00	JL Audio MHD Marine Monoblock Wide-range Amplifier (750 watts)	MHD 750/1	
	010-03319-00	JL Audio MHD Marine 4-channel Full-range Amplifier (600 watts)	MHD600/4	
	010-03103-00	JL Audio MHD Marine 5-channel Full-range System Amplifier (900 watts)	MHD 900/5	
	Speakers	010-03060-00	JL Audio M3 Marine Speakers, 6.5" with White Classic Grille	M3-650X-C-Gw
		010-03064-00	JL Audio M3 Marine Speakers, 6.5" with LED and White Sport Grille	M3-650X-S-Gw-i
010-03062-00		JL Audio M3 Marine Speakers, 6.5" with LED and Gray Sport Grille	M3-650X-S-Gm-i	
010-03063-00		JL Audio M3 Marine Speakers, 6.5" with White Sport Grille	M3-650X-S-Gw	
010-03061-00		JL Audio M3 Marine Speakers, 6.5" with Gray Sport Grille	M3-650X-S-Gm	
010-03065-00		JL Audio M3 Marine Speakers, 7.7" with White Classic Grille	M3-770X-C-Gw	
010-03069-00		JL Audio M3 Marine Speakers, 7.7" with LED and White Sport Grille	M3-770X-S-Gw-i	
010-03067-00		JL Audio M3 Marine Speakers, 7.7" with LED and Gray Sport Grille	M3-770X-S-Gm-i	
010-03068-00		JL Audio M3 Marine Speakers, 7.7" with White Sport Grille	M3-770X-S-Gw	
010-03066-00		JL Audio M3 Marine Speakers, 7.7" with Gray Sport Grille	M3-770X-S-Gm	
010-03912-00		JL Audio M6 Marine Speakers, 6.5" with White Luxe Grille (Single)	M6-650X-L-GwSw-Single	
010-03865-00		JL Audio M6 Marine Speakers, 6.5" with Black Luxe Grille (Single)	M6-650X-L-SbSb-Single	
010-03497-00		JL Audio M6 Marine Speakers, 6.5" with White Classic Grille	M6-650X-C-3Gw	
010-03093-00		JL Audio M6 Marine Speakers, 6.5" with LED and White Sport Grille	M6-650X-S-GwGw-i	
010-03092-00		JL Audio M6 Marine Speakers, 6.5" with LED and Titanium Sport Grille	M6-650X-S-GmTi-i	
010-03090-00		JL Audio M6 Marine Speakers, 6.5" with White Sport Grille	M6-650X-S-GwGw	
010-03091-00		JL Audio M6 Marine Speakers, 6.5" with Titanium Sport Grille	M6-650X-S-GmTi	
010-03913-00		JL Audio M6 Marine Speakers, 7.7" with White Luxe Grille (Single)	M6-770X-L-GwSw-Single	
010-03866-00		JL Audio M6 Marine Speakers, 7.7" with Black Luxe Grille (Single)	M6-770X-L-SbSb-Single	
010-03498-00		JL Audio M6 Marine Speakers, 7.7" with Classic White Grille	M6-770X-C-3Gw	
010-03074-00		JL Audio M6 Marine Speakers, 7.7" with LED and White Sport Grille	M6-770X-S-GwGw-i	
010-03076-00		JL Audio M6 Marine Speakers,7.7" with LED and Titanium Sport Grille	M6-770X-S-GmTi-i	
010-03073-00		JL Audio M6 Marine Speakers, 7.7" with White Sport Grille	M6-770X-S-GwGw	
010-03075-00		JL Audio M6 Marine Speakers, 7.7" with Titanium Sport Grille	M6-770X-S-GmTi	
010-03914-00		JL Audio M6 Marine Speakers, 8.8" with White Luxe Grille (Single)	M6-880X-L-GwSw-Single	
010-03867-00		JL Audio M6 Marine Speakers, 8.8" with Black Luxe Grille (Single)	M6-880X-L-SbSb-Single	
010-03499-00		JL Audio M6 Marine Speakers, 8.8" with Classic White Grille	M6-880X-C-3Gw	
010-03078-00		JL Audio M6 Marine Speakers, 8.8" with White Sport Grille	M6-880X-S-GwGw	
010-03079-00		JL Audio M6 Marine Speakers, 8.8" with Titanium Sport Grille	M6-880X-S-GmTi	
010-03095-00		JL Audio M6 Marine Speakers, 8.8" with LED and White Sport Grille	M6-880X-S-GwGw-i	
010-03099-00	JL Audio M6 Marine Speakers, 8.8" with LED and Titanium Sport Grille	M6-880X-S-GmTi-i		
Subwoofers	010-03070-00	JL Audio M3 Marine Subwoofer, 10" with White Classic Grille	M3-10IB-C-Gw-4	
	010-03265-00	JL Audio M3 Marine Subwoofer, 10" with LED and White Sport Grille	M3-10IB-S-Gw-i-4	
	010-03264-00	JL Audio M3 Marine Subwoofer, 10" with LED and Gray Sport Grille	M3-10IB-S-Gm-i-4	
	010-03072-00	JL Audio M3 Marine Subwoofer, 10" with White Sport Grille	M3-10IB-S-Gw-4	
	010-03071-00	JL Audio M3 Marine Subwoofer, 10" with Gray Sport Grille	M3-10IB-S-Gm-4	
	010-03915-00	JL Audio M6 Marine Subwoofer, 8" with White Luxe Grille	M6-8IB-L-GwSw-4	
	010-03868-00	JL Audio M6 Marine Subwoofer, 8" with Black Luxe Grille	M6-8IB-L-SbSb-4	
	010-03080-00	JL Audio M6 Marine Subwoofer, 8" with White Classic Grille	M6-8IB-C-GwGw-4	
	010-03081-00	JL Audio M6 Marine Subwoofer, 8" LED and White Sport Grille	M6-8IB-S-GwGw-i-4	
	010-03082-00	JL Audio M6 Marine Subwoofer, 8" with LED and Titanium Sport Grille	M6-8IB-S-GmTi-i-4	
	010-03274-00	JL Audio M6 Marine Subwoofer, 8" with White Sport Grille	M6-8IB-S-GwGw-4	
	010-03275-00	JL Audio M6 Marine Subwoofer, 8" with Titanium Sport Grille	M6-8IB-S-GmTi-4	
	010-03916-00	JL Audio M6 Marine Subwoofer, 10" with White Luxe Grille	M6-10IB-L-GwSw-4	
	010-03869-00	JL Audio M6 Marine Subwoofer, 10" with Black Luxe Grille	M6-10IB-L-SbSb-4	
	010-03083-00	JL Audio M6 Marine Subwoofer, 10" with White Classic Grille	M6-10IB-C-GwGw-4	
	010-03487-00	JL Audio M6 Marine Subwoofer, 10" with White Classic Grille	M6-10W-C-GwGw-4	
	010-03085-00	JL Audio M6 Marine Subwoofer, 10" with LED and White Sport Grille	M6-10IB-S-GwGw-i-4	

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Subwoofers	Part Number	Description	Model
	010-03489-00	JL Audio M6 Marine Subwoofer, 10" with LED and White Sport Grille	M6-10W-S-GwGw-i-4
	010-03087-00	JL Audio M6 Marine Subwoofer, 10" with LED and Titanium Sport Grille	M6-10IB-S-GmTi-i-4
	010-03491-00	JL Audio M6 Marine Subwoofer, 10" with LED and Titanium Sport Grille	M6-10W-S-GmTi-i-4
	010-03084-00	JL Audio M6 Marine Subwoofer, 10" with White Sport Grille	M6-10IB-S-GwGw-4
	010-03488-00	JL Audio M6 Marine Subwoofer, 10" with White Sport Grille	M6-10W-S-GwGw-4
	010-03086-00	JL Audio M6 Marine Subwoofer, 10" with Titanium Sport Grille	M6-10IB-S-GmTi-4
	010-03490-00	JL Audio M6 Marine Subwoofer, 10" with Titanium Sport Grille	M6-10W-S-GmTi-4
	010-03285-00	JL Audio M7 Marine Subwoofer, 12" with White Classic Grille	M7-12IB-C-GwGw-4
	010-03287-00	JL Audio M7 Marine Subwoofer, 12" with LED and White Sport Grille	M7-12IB-S-GwGw-i-4
	010-03289-00	JL Audio M7 Marine Subwoofer, 12" with LED and Titanium Sport Grille	M7-12IB-S-GmTi-i-4
	010-03286-00	JL Audio M7 Marine Subwoofer, 12" with White Sport Grille	M7-12IB-S-GwGw-4
	010-03288-00	JL Audio M7 Marine Subwoofer, 12" with Titanium Sport Grille	M7-12IB-S-GmTi-4

COMPATIBILITY

	GPSMAP® 9000 (19-27")	GPSMAP 9500 Black Box	GPSMAP 8600 (17-24")	GPSMAP 8600xsv (10-16")	GPSMAP 8700 Black Box	GPSMAP 7x3/9x3 /12x3/15x3/16x3	TD 50	ECHOMAP™ ULTRA 2 (10/12/16")	ECHOMAP UHD2 (6/7/9" Touch)	ECHOMAP UHD2 (5/7" Key)
SONAR BUFFERING WHILE PAUSED	●	●	●	●	●	●	●	●	●	●
ECHOMAP™ WI-FI® DEVICE-TO-DEVICE SOFTWARE UPDATES								●	●	●
RADAR MARPA ALGORITHM IMPROVEMENTS	●	●	●	●	●	●	●			
CHARTPLOTTER INREACH® INTEGRATION	●	●	●	●	●	●	●	●	●	
AUTO-HIDE GAUGE PAGING CONTROLS	●	●	●	●	●	●	●	●	●	●
RADAR DISPLAY PARALLEL INDEX LINES	●	●	●	●	●	●	●			
DIGITAL SWITCHING PLATFORM IMPROVEMENTS	Available using the EmpirBus™ WDU v2									
FUSION® AUDIO APP UPDATE	Available after Updating the Fusion Audio App									

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