

NEW

VHF RADIOS

RAY50 RAY60 RAY70



Raymarine®
BY **FLIR**

You'll always be heard loud and clear with a VHF radio from Raymarine. Whether it's our compact Ray50, full-sized Ray60, or multifunction Ray70, you can depend on your Raymarine VHF for years of trouble-free communication at sea.



Optional RayMic full function remote microphone and speaker for Ray60, Ray70

Every Raymarine VHF offers

- Simple operation with intuitive icons and menus.
- Easy-to-read LCD displays with red backlighting.
- Commercial-grade transceivers with stable, powerful output, and high receiver sensitivity.
- Sleek, premium designs that match with Raymarine Instruments, MFDs and Glass Bridge Displays.

Ray70 Multifunction Radio: All-in-One VHF, AIS Receiver, Loudhailer and Intercom

Hear and be heard! The new Ray70 from Raymarine is the ultimate all-in-one communications solution for Captains who demand the very best.



Ray60 VHF Radio with Dual Station Control and Intercom Capability

The Ray60 is a full-sized VHF radio that is packed with essential communications features every boater needs.



Ray50 Compact VHF Radio

The Ray50 VHF packs a powerful communication system into a case that is small enough to mount just about anywhere.

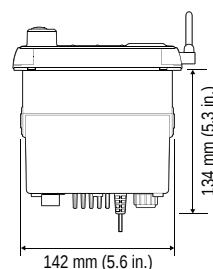
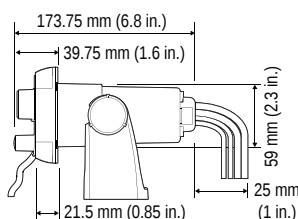
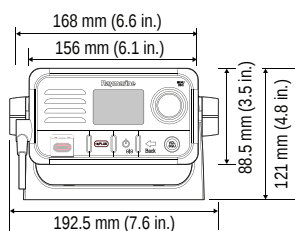


Features	Ray50	Ray60	Ray70	Comments
VHF Radio	•	•	•	25 watt high/1 watt low power
NOAA Weather Radio	•	•	•	NOAA Weather Alert
VHF Scanning	•	•	•	All channel and favorite channel scanning
Channel Watch	•	•	•	Single, dual and tri-watch modes
Digital Selective Calling	•	•	•	Class D Digital Selective Calling
DSC Distress Key	•	•	•	On radio face and RayMic
On-Mic Controls	•	•	•	Channel up/down; Hi/Lo power; 16/+ key
Noise Canceling Mic	•	•	•	Eliminates wind and engine noise, automatically
Audiophile-grade speaker	•	•	•	Provides superb clarity at high volume
Networking	•	•	•	NMEA2000, NMEA0183 and SeaTalk ^{ng}
Mounting Kit	•	•	•	Trunnion bracket and 4-point front flush kit included
Detachable Mic		•	•	Optional Mic relocation kit available
Second Station		•	•	With optional RayMic Second Station Kit
Remote speaker option		•	•	Optional passive remote speaker available
Intercom		•	•	With optional RayMic Second Station Kit
Loudhailer Output			•	30 Watts with public address, listenback
Fog Horn Output			•	Automatic, with signals for underway and at anchor
AIS Receiver			•	Integrates with MFD's for display of targets on radar and chart
GPS Receiver			•	Built-in 72 channel GPS with WAAS
Bezel Color	Black	Silver	Silver	Optional black bezel kit available for Ray60 & Ray70
LCD Digits	Large	XL	XL	Red backlighting for excellent night time visibility

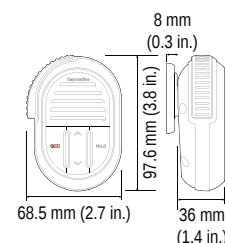


Features	Ray50 VHF Radio	Ray60 VHF Radio	Ray70 VHF Radio
Weight (Main Unit)	1.7 Kg [3.74 lbs]	2.0 Kg [4.4 lbs]	2.1 Kg [4.62 lbs]
Environmental			
Water integrity	Complies with IPX6 & IPX7		
Operating Temp Range	-20 C to +60 C		
Storage Temp Range	-25 C to +70 C		
Humidity	up to 95%		
Electrical Specifications			
Communications Port	NMEA 0183 and NMEA2000		
Antenna port impedance	50 ohms typical		
External speaker impedance	4 ohms		
Power	12V DC (Operational: Minimum 9V, Maximum 16V). Reverse polarity and over voltage protected		
Options			
Handset Audio Output Power	-	-	5 watts typical
Hailer Audio Output Power	-	-	30 watts typical
Hailer impedance	-	-	4 ohms
GPS			
GPS Sensitivity	-	-	High Sensitivity - acquisition down to -166 dBm
AIS Specifications			
Class Type	-	-	AIS Receiver

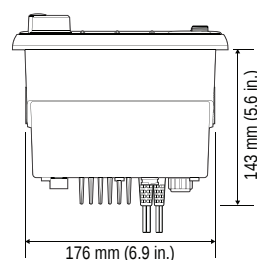
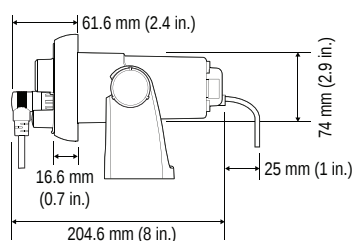
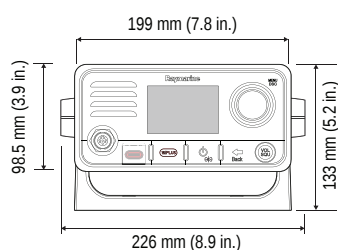
Ray50 VHF Radio Dimensions



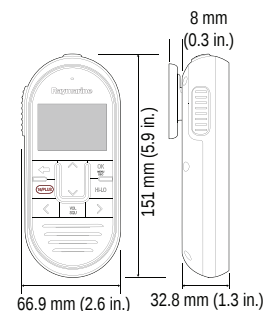
Fist Mic Dimensions



Ray60/70 VHF Radio Dimensions



RayMic Dimensions



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Content Note

The technical and graphical information contained in this brochure, to the best of our knowledge, was correct as it went to press. However, the Raymarine policy of continuous improvement and updating may change product specifications without prior notice. Therefore, unavoidable differences between the product and this brochure may occur from time to time, for which liability cannot be accepted by Raymarine.

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