

# RAY50 RAY60 RAY70







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.

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#### **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.

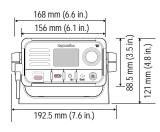


Features	Ray50	Ray60	Ray70	Comments	
VHF Radio	•	-	-	25 watt high/1 watt low power	
NDAA Weather Radio	-	-		NDAA Weather Alert	
VHF Scanning				All channel and favorite channel scanning	
Channel Watch				Single, dual and tri-watch modes	
Digital Selective Calling				Class D Digital Selective Calling	
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 <sup>ng</sup>	
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			

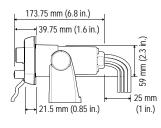


199 mm (7.8 in.)

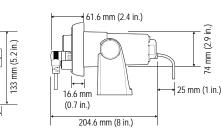
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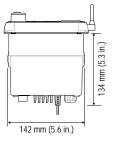
226 mm (8.9 in.)





#### Ray60/70 VHF Radio Dimensions





176 mm (6.9 in.)

#### **Fist Mic Dimensions**



#### **RayMic Dimensions**



#### Raymarine

98.5 mm (3.9 in.)

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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. Some images are for illustration purposes only.

143 mm (5.6 in.)



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