

# ► Communicate with confidence



► **NEW** Simrad VHF Radios

**SIMRAD**

# RS25 & AHK05 Handset

► This versatile and rugged DSC VHF radio has everything that the boat owner needs to communicate with the shore, other vessels, and even between individuals on board. Super large visible display, crystal clear audio, and simple controls combine to make the RS25 a powerful communication system. The optional AHK05 Wireless handset enables full wireless remote and intercom capability.



- IDSC fixed VHF transceiver with fist mike with full controls - Class D/alphamike EU
- Optional Bluetooth handsets (up to two per unit) with 100m range. Give complete radio control plus intercom and conference facilities
- Position Polling and Group Call capabilities
- 4W external speaker Audio Power
- 25W / 1W transmission power
- Digital Barometer and "Happy Fish" Predictor waterways - EU only
- Dual watch / tri watch and all scan functions
- ATIS facility for inland waterways - EU only
- Extra-large display plus rotary channel selector and button controls
- Waterproof and NMEA 0183 compatible

## RS10

► With a solid construction that makes it ideal for general use on a wide variety of boats from RIBs to Cruisers, this dependable fixed DSC VHF radio is easy to use and boasts a wide range of communications functions.



- DSC VHF with NMEA 0183 input - Class D EU
- Displays Lat / Lon when connected to GPS
- Fully waterproof
- 25W / 1W transmission power
- Large, easy to read display
- Dual watch / tri watch and all scan functions
- Position Polling and Group Call
- ATIS facility for inland waterways - EU only



# HH33

- ▶ Bringing together functionality, safety and value, this combination handheld VHF radio and GPS receiver puts a highly capable communications /navigation device in the pocket, making it perfect for use on small craft or as a back-up on larger boats. It floats if dropped over the side, recharges in less than 3 hours, and features one of the best displays in its class.



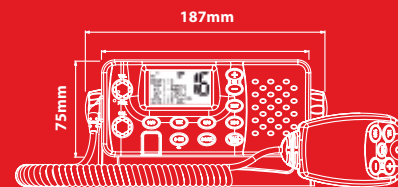
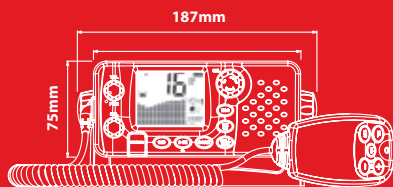
- Extra large LCD display 128 x 128 pixel
- 5W / 1W transmission power
- 12 channel GPS receiver with less than 5 sec hot start acquisition time
- Trackplotter stores up to 500 waypoints, shows closest Icons and vessel track history
- Stores up to 500 waypoints
- DSC fixed VHF transceiver with full controls including "Track Buddy and Get Buddy" - SC101 US only
- Long-life, high-capacity 1400mAh Li-Polymer battery with rapid charger
- NMEA 0183 output via charging cradle
- Positive buoyancy
- ATIS facility for inland waterways - EU only

- ▶ Simrad Yachting manufactures VHF radios for a wide range of applications. Our premium RS82, 86, 87 and GMDSS models are used by coastguards and rescue agencies around the world, valued for their rugged construction and ability to operate in all conditions. The new RS10, RS25 and HH33 radios further extend the Simrad VHF range with exciting new capabilities. As an important safety system on board your vessel, it is reassuring that Coast Guard forces and Rescue Agencies around the world have repeatedly recognized Simrad VHF's for their rugged construction, performance and dependability in the most demanding conditions.



For further information on the full Simrad VHF range, please visit [www.simrad-yachting.com](http://www.simrad-yachting.com)

# Specifications



## General

Power Supply:  
Current drain:  
- Transmit:  
- Receive:  
- Barosampling (radio off):

Useable channels:  
specific

Mode:

Frequency stability:

Frequency control:

## Physical

LCD display (viewing):

Contrast control:  
Backlight control:  
Antenna connector:  
Temperature Range:  
Waterproof:  
Dimensions:  
Weight:  
Frequency stability:  
DSC mode:

## RS25U/E

13.6 V DC  
6 A at 25 W Tx/ 1.5 A at 1  
Less than 250 mA in standby  
Less than 3 mA, 85 mA in active standby

International, USA, Canada, Weather (country specific)

16K0G3E (FM) / 16K0G2B (DSC)

+/-10ppm

PLL

40 (H) x 48 (W) mm FSTN 4 x 12 character  
matrix with big CH digits/icons  
Yes  
Yes  
SO-239 (50 ohm)  
-15°C to +50°C  
JIS-7  
161 (W) x 75 (H) x 147 (D) mm -without bracket  
3.0 lbs (1.36 kg) without microphone  
+/-10ppm  
RS25U -USCG SC101  
RS25E -DSC Class D

## RS10U/E

13.6V DC.  
6 A at 25 W Tx/ 1.5A at 1W Tx  
Less than 250mA in standby

International, USA, Canada, Weather (country

16K0G3E (FM) / 16K0G2B (DSC)

-

PLL

26 mm (H) x 46 mm (W) FSTN 4 x 12 character  
Yes  
-  
SO-239 (50 ohm)  
-15°C to +50°C  
JIS-7  
161(W) x 75(H) x 147(D) mm -without bracket  
1.29 kg (2.8 lbs) -without microphone  
+/-10ppm  
-  
-

## General

SMA antenna connector  
Power Source:  
Battery Life:

Charging current:  
(with cradle charge)  
Dimensions:  
Display Size:  
Weight:

## GPS and Navigation

Satellites tracked:  
LL Acquisition Time:

LL Position Accuracy:  
Sensitivity:  
Navigation:  
Waypoints:  
Plotter:  
Units:  
NMEA Output:

## HH33

7.4 vDC(7.4V 1400mAh Li-Polymer battery pack)  
8 Hours (GPS/DSC on and 5W Power on 5%:5%:90% ratio)  
9 Hours (GPS off/DSC on, 5W Power on 5%:5%:90% ratio)  
700±100 mA with 3 hour rapid charge time

WxHxD: 2.7 x 5.5 x 1.5 in./68 x 140 x 38 mm  
WxH: 1.5 x 1.5 in./38.7 x 38.7 mm  
0.70 lbs. (0.318 kg)

Up to 12GPS Frequency: L1 Band @ 1575.42MHz  
Reacquisition-1 second: Hot Start -3 sec:  
Warm Start-35 sec: Cold Start -40s  
5m Circular Error Probability (CEP), Velocity 0.1m/s  
Acquisition -145dBm Tracking ?158dBm,  
Great Circle Navigation with MAG VAR calculated and outputted  
500  
12 range scales and 360 point of track history with interval control  
NM, SM, KM  
RMC, GGA, GLL, GNS, GSV

Specifications are subject to change without notice.

# SIMRAD

www.simrad-yachting.com