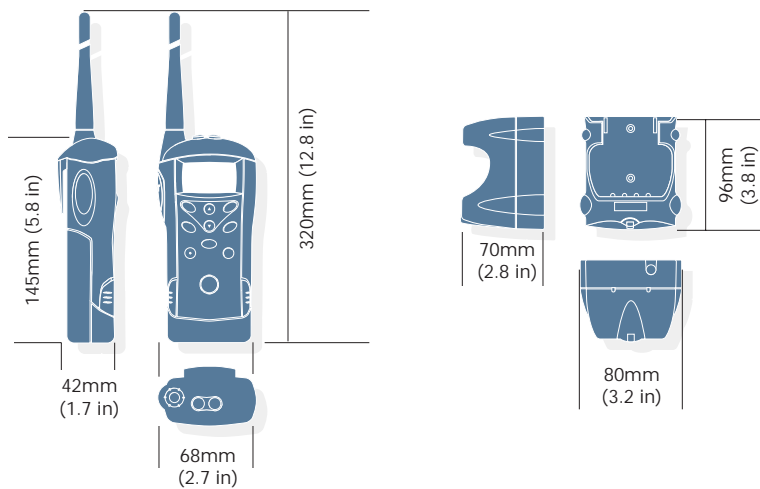


Technical Specifications



VHF:

Power Supply:
700mAh NiCd rechargeable battery
1200mAh NimH rechargeable battery (Optional)

Power Drain:
Rx 0.2 Amps, Tx (5W) 1.5 Amps (typical)

Modes:
Simplex / Semi-Duplex

Channels:
All international / USA (inc. Wx) plus special regional channels as allowed

Type Approval:
EN301-178

Transmitter

Power Output:
High 5W / Low 1W max

Spurious emissions:
<-70dBc

Deviation:
±5kHz max

Receiver

Sensitivity:
<1mV EMF / 20dB SINAD

AF output:
400mW @ 10% dist

Adjacent Channel Selectivity:
>70dB

Inter-modulation Rejection:
>70dB

Hum and Noise:
<-40dB

Construction

High impact resistance plastic case
Aluminum die-cast chassis

Dimensions / Weight
145mm x 68mm x 42mm (without antenna)
0.4kg

Environmental:
-20 to +55°C
95% rel. hum. @ 40°C

Drop resistance:
1 meter onto hard wood surface

Water Resistance
1meter submersion for 1Hour

EMC:
EN60945

Optional Accessories

Batteries:

NC70 700mAh Nickel Cadmium rechargeable battery pack
NH12 1200mAh Nickel metal hydride rechargeable battery pack

Chargers:

TC50 Trickle charger (approx 14 hour, 12Volt)
RC50 Rapid charger (approx 1 hour, 12Volt)
MAT50 Mains adapter for trickle charger
MAR50 Mains adapter for rapid charger

Accessories:

LYD1 Lanyard

Note: Specifications are subject to change without notice.

Manufacturer:

Please email the correct address to me.

www.simrad.com

SIMRAD
A KONGSBERG Company

WORLDWIDE MANUFACTURER OF MARINE ELECTRONICS



Perfectly adapted
to life at sea

Simrad HT50 VHF

The definitive handheld VHF Radiotelephone.

The HT50's predecessors earned quite a reputation for their robust construction and dependable reliability, making them highly prized by coastguards, rescue services and defence forces around the world. Designed and built to the same high standards – but smaller, more economical and even easier to handle – the new HT50 is indeed a worthy successor.

Easy to operate

If you have ever struggled with the fiddly little buttons of some handheld VHF radios, the control of the HT50 will come as a revelation. Even in the bitter cold with gloved hands, you can easily press the buttons you want without inadvertently pressing anything else. Operation is simple, logical and intuitive, with clear LCD screen graphics to indicate the selected channel and operating mode.

As tough as they come
Designed in accordance with the GMDSS maritime safety

regulations, the HT50 will withstand being dropped from a height of 1 metre onto a hard surface. The rubber encased flexible aerial is stud mounted for maximum durability, and all the controls are push-button keys, so there are no projections that might be vulnerable to knocks.

Watertight to 1 meter
The GMDSS rules also require handheld VHF radios to be

sufficiently waterproof to cope with use in a liferaft.

The casing and controls of the HT50 are fully sealed, to make the radio not just weatherproof, but sufficiently

watertight that it can be immersed to 1 meter without coming to any harm.

Dependable performance.

Thanks to its superbly designed electronics, the HT50's reception clarity, transmitter efficiency and resistance to interference

are more than a match for any of its competitors. In addition to the maximum 5 Watt transmission power, for short distance calls in harbours and marinas, there is a low power 1 Watt setting to preserve battery life. Included as standard are a standard 700mAh rechargeable battery and 12V DC charger.

An optional high capacity 1200mAh nickel metal hydride



Even in the bitter cold with gloved hands, you can easily press the buttons you want without inadvertently pressing anything else

battery pack and rapid charger are also available if required.

Custom channel choice.

The HT50 features 54 international channels, plus up to 16 additional channels used for particular country requirements and for commercial users. With dual- and tri-watch, as well as all channel scan and memory scan (where permitted), it has a powerful ability to monitor the airwaves.

The HT50 is supplied with rechargeable nicad battery in a fully sealed housing and comes with a state of the art commercial charger



The tiny handheld VHF with big features

- 54 International Channels plus special national channels
- Dual Watch on Ch16 and current working channel
- Tri-Watch including user selected working channel
- Memory Scan scans commonly used channels
- All Channel Scan automatically searches for all incoming signals
- Full Keypad Operation of all functions including volume and squelch
- Powersave automatically switches to standby when no signal is being received
- Rechargeable 700mAh Nicad Battery with 1200mAh NimH option
- Battery Charger for on board charging

The high efficiency antenna is optimized for maximum performance

Power switch for high and low transmit power selection

Backlit LCD display gives easy readability in all conditions

Easy to use control pad with dedicated push buttons

High sensitivity microphone

Distinct and clear loudspeaker

Easy to clip on battery pack

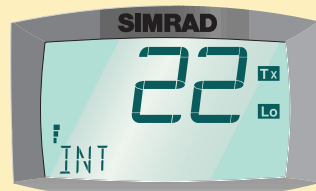
Operation is simple, logical and intuitive, with clear LCD screen graphics to indicate the selected channel and operating mode.

The HT50 is shown actual size

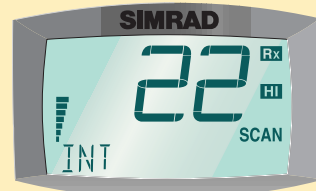
CLEAR LCD DISPLAY



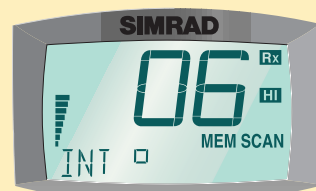
When turned on, channel 16 will automatically be selected



In addition to showing the channel in use, battery condition and operation status is displayed



All channel scan will automatically search for incoming signals



Memory Scan for easy monitoring of commonly used channels

Simrad electronics are constructed to be robust and withstand attacks from frost, rain, spray and ultra violet rays.

