NAVICOM VHF

FIXED VHF DSC & AIS RADIOTELEPHONE

DSC & AIS VHF RADIO
RT-650 (1)

New fixed all-in-one VHF featuring radiotelephone functions, DSC and AIS systems with a very large LCD display and a wireless handset

**Intercom function
Only one VHF antenna
NMEA output to link a PC or a chartplotter**

VHF transceiver which gather radio communication functions, the DSC system, and AIS reception. This multifunction device let you avoid purchasing of several devices. With this VHF you save money and space onboard.

Other features: the large LCD display readable by far, a wireless handset with LCD display and all the command buttons working over 200 m from the VHF.

● Only one antenna for the CHF transmission and the AIS system.

● AIS signal receipt on the VHF is available on the NMEA output to be displayed on a PC or a chartplotter: positioning of the nearby ships and set of information: MMSI, name, characteristics, route, speed, etc...

● Intercom function providing a private communication network onboard as far as 200 m from the board.

● Protection against interferences.

Base specifications
Same as the RT-550 VHF with AIS function.

● Built-in AIS.
● Frequency range 161.975 / 162.025MHz.
● GPS input. NMEA output.

AIS : enhanced security

The AIS information is an important security element at sea with bad visibility or when something limits the detection of a ship in collision situation.

VHF Antenna | RT-650 AIS Receptor | GPS Antenna

NMEA

PC or chartplotter

Automatic Identification System principle of operation

AIS transponders automatically broadcast information, such as their position, speed, and navigational status, at regular intervals via a VHF transmitter built into the transponder. The information originates from the ship's navigational sensors, typically its global navigation satellite system (GNSS) receiver and gyrocompass. Other information, such as the vessel name and VHF call sign, is programmed when installing the equipment and is also transmitted regularly. The signals are received by AIS transponders fitted on other ships or on land based systems, such as VTS systems.

(1) RT-550 & RT-650 : noncontractual photographs and features likely to be modified without notice.

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