

Comparison guide

Futronic GMDSS vs.
Futronic MKII



| Communication and safety equipment | Futronic GMDSS | Futronic MKII |
|------------------------------------|--|---|
| <p>VHF RADIOS</p> | <p>Seperate testing of VHF data</p> <p>Testing DSC data, ATIS, frequency, power, VSWR and deviation seperately.</p> <p>Limited VHF channels</p> <p>Test sensitivity on VHF radios on 4 fixed VHF channels.</p> | <p>Automatic simultaneously testing of VHF data</p> <p>DSC data, frequency and power are measured simultaneously in one test.</p> <p>Unlimited selection of VHF channels</p> <p>Futronic MKII Manager provides the option to enter any available VHF channel for sensitivity tests via PC control.</p> |
| <p>AIS TRANSPONDERS</p> | <p>Separate testing of all AIS data</p> <p>Measuring AIS data, frequency, power and VSWR seperately on Class A transponders.</p> <p>Limited selection of messages</p> <p>Testing request MSG 5 (class A)</p> <p>Limited selection of AIS transponders</p> <p>Testing Base Station AIS transponders (MSG 4 and 11)</p> | <p>Automatic simultaneous testing of all AIS data</p> <p>All AIS data is measured simultaneously in one test on Class A transponders.</p> <p>Extended selection of messages</p> <p>Adds request MSG 11 UTC info and request MSG 24 (class B) to the test scope</p> <p>Extended selection of AIS transponders</p> <p>Adds testing of SAR Aircraft AIS transponders (MSG 9) and the Pilot plug</p> |

| | | |
|--|--|---|
| <p>SEARCH AND RESCUE TRANSPONDERS</p> | <p>Testing all former required frequencies</p> <p>Measuring data & frequency on EPIRB</p> <p>Measuring beacon data & frequency on AIS SART</p> <p>Seperate testing of AIS channels on AIS SARTS and MoB devices.</p> | <p>Continually updated with all future frequency requirements on Search and Rescue transponders</p> <p>In addition to the existing data and frequencies tested on Search and Rescue transponders, Futronic MKII adds the latest 406.031 MHz frequency on EPIRB.</p> <p>Silmultaneously testing of both AIS channels on AIS SARTS and MoB devices.</p> |
| <p>Specifications</p> | | |
| <p>BATTERY</p> | <p>Limited battery capacity</p> <p>The limited battery capacity allows for approximately 4 hours operation. 15V re-charging.</p> | <p>Battery capacity for one full day operation</p> <p>Futronic MKII provides a full day operation with no re-charging. 10V re-charging for on the move in-car charging.</p> |
| <p>DIMENSIONS AND WEIGHT</p> | <p>Dimensions and weight</p> <p>Dimensions: 260x103x258 mm</p> <p>Weight: 4,2 Kg</p> | <p>Smaller dimensions and reduced weight</p> <p>Dimensions: 103x258x140 mm</p> <p>Weight: 2.8 kg</p> |
| <p>PC CONNECTION</p> | <p>PC connection</p> <p>Futronic GMDSS is connected to the PC via serial port.</p> | <p>Easy PC connection</p> <p>Futronic MKII is connected to the PC via USB cable.</p> |
| <p>PC SOFTWARE</p> | <p>Simple PC program, Test box manager</p> <p>Test box manager features, AIS results and composing of AIS and DSC messages.</p> | <p>Advanced PC program, Futronic MKII Manager</p> <p>Futronic MKII manager additionally allows for PC control of the Futronic MKII test box, automatic generation of reports and display of results aligned with the classification societies service reports for faster reporting procedures.</p> |
| <p>SOFTWARE UPDATES</p> | <p>No software update available</p> | <p>Continually software updated with new and improved features</p> |