



# FUTRONIC MKII

## The ultimate ALL-IN-ONE Maritime Radio Test Box

The Futronic MKII is the only test box on the market capable of testing all radio and safety equipment obligated by IMO to undergo mandatory inspections. MKII serves radio inspectors, classification societies and equipment manufacturers in more than 80 countries as the preferred test equipment.

### KEY FEATURES

- **VHF radios**  
DSC data, ATIS, frequency, power, VSWR and deviation  
Measuring frequency and power simultaneously
- **MF/HF radios**  
Measuring DSC data and frequency simultaneously
- **NAVTEX receivers**  
Reception of transmitted NAVTEX messages
- **AIS Transponders**  
Measuring AIS data, frequency, power and VSWR  
simultaneously on:
  - Class A & B transponders
  - AIS base stations
  - Aircraft Search and Rescue transponders
  - Aids to Navigation devices (AtoN)
- **Search and Rescue transponders**  
Measuring data & frequency on:
  - EPIRB
  - Man over Board (MoB) devices
  - AIS SART beacon data & frequency
  - Radar SART beacon level & frequency

- **TELEX**

Send and receive TELEX messages on all frequencies.



### PC SOFTWARE

The Futronic MKII comes with PC software featuring:

- Transfer and store of data for further analysis, data export and reporting
- Generation of custom-made DSC and AIS messages
- Automatic generation of EPIRB test reports
- Personalized test box settings
- Remote control

## SPECIFICATIONS

Power supply :10-28V<sub>DC</sub>

Battery time :Up to 8 hours

Operating temperature: 0 to +50°C

Storage temperature: -30 to +60°C

Dimension: 103x258x140mm

Weight : 2.8 kg

### Warranty:

FutronicMKII comes with a five-year warranty  
(Requires calibration is followed year 1 and year 3.  
If calibration is not followed, warranty is 1 year).

### Software updates included:

Futronic MKII is continually updated with the latest software (subject to calibration).

### Calibration Schedule:

Calibration required every second year though the first calibration after one year.

## AVAILABLE MODELS

TESTING	FUTRONIC MKII MODELS		
	GMDSS NSN 6625-22-635-2960	GMDSS-AIS NSN 6625-22-635-2959	GMDSS-AIS-SART NSN 6625-22-635-2958
VHF/DSC radio	•	•	•
MF-HF/DSC radio	•	•	•
NAVTEX receiver	•	•	•
EPIRB & PLB	•	•	•
TELEX	•	•	•
AIS transponder		•	•
AIS AtoN		•	•
AIS-SART & MoB device		•	•
Radar SART			•

## ACCESSORIES

STANDARD ACCESSORIES INCLUDED		OPTIONAL ACCESSORIES
1 x Power adaptor 100-240VAC / 12VDC	1 x Telescopic antenna for VHF/AIS	Waterproof case
1 x Car power adaptor	1 x Wire antenna for MF/HF/NAVTEX/TELEX	Backpack with protective cases
1 x USB cable for connection to PC	2 x UHF plugs to BNC socket adaptor	Set of attenuators (10-20-30dB)
1 x Coax cable, 25 cm, with BNC	1 x UHF socket to BNC socket adaptor	MF/HF Power Sensor
2 x Coax cables, 150 cm, with BNC	1 x BNC socket to BNC socket adaptor	Pilot plug cable
1 x Coax cable, 500 cm, with BNC	1 x User manual in English	RF amplifier
1 x AIS signal combiner / dummy load	1 x Calibration certificate	
1 x Audio reference / AF generator		