

# 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)

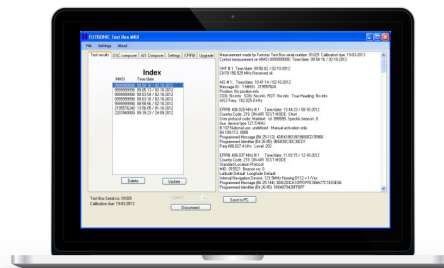
### • Search and Rescue transponders

Measuring data & frequency on:

- EPIRB
- Man over Board (MoB) devices
- AIS SART beacon data & frequency
- Radar SART beacon level & frequency

### • TELEX

Send TELEX messages on 2.1745 MHz, 4.1775 MHz, 6.2680 MHz, 12520 MHz and 16.6950 MHz to a TELEX receiver.



## 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

# 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:** 103x258x140 mm

**Weight:** 2.8 kg

**Warranty:**

Futronic MKII comes with a two-year warranty (subject to first calibration).

**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	GMDSS-AIS	GMDSS-AIS-SART NSN: 6625-22-631-4263
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 100-240V <sub>AC</sub> / 12V <sub>DC</sub>	1 x Telescopic antenna for VHF/AIS	Waterproof case
1 x Car power adaptor	1 x Wire antenna for MF/HF/NAVTEX	RF amplifier
1 x USB cable for connection to PC	2 x UHF plugs to BNC socket adaptor	Set of attenuators (10-20-40dB)
1 x Coax cable, 25 cm, with BNC	1 x UHF socket to BNC socket adaptor	Pilot plug cable
2 x Coax cables, 150 cm, with BNC	1 x BNC socket to BNC socket adaptor	
1 x Coax cable, 500 cm, with BNC	1 x User manual in English	
1 x AIS signal combiner / dummy load	1 x Calibration certificate	
1 x Audio reference / AF generator		