

Sartech ARG5410 EPIRB Tester



Features

- Receives and decodes all types of COSPAS and SARSAT beacon signal.
- Audible indication of 121.5 MHz operations.
- Radiated signal or 50 ohm direct input option.
- Serial data output to printer or PC.
- Independent check of serial number and call sign.
- Measures 406MHz carrier frequency.
- Full pocket computer facilities, including diary, alarm, notebook and calculator.
- Easily updateable database of country codes.
- "Long message" and location protocols included.

The ARG 5410 hand-held receiver provides accurate, independent checks of the correct operation of COSPAS/SARSAT distress beacons, such as EPIRB, ELT or PLB. It can be connected directly, through a suitable attenuator, or will receive the radiated signal using its own antenna. Radiated tests should be carried out using the beacon's own self-test mode, if provided, or a screened room or enclosure, such as the Sartech FC2 or QRT-101.

The ARG 5410 comes complete with user-friendly software, designed to guide the operator through the test procedures, with received signals decoded into plain English.

Messages are time tagged and stored, and can be viewed on the internal LCD display. Alternatively, by using the optional interface (Printer Adaptor PA1), data can be downloaded to a printer or PC.

Works with any EPIRB

Sartech and ARG are independent companies and the ARG 5410 has been specifically designed to work with EPIRBs and ELTs from any manufacturer. It has become the de-facto industry standard EPIRB Tester.

Many Unique Features

SOLAS VI / 15.9 regulations require the measurement of EPIRB carrier frequency (406MHz); the ARG5410 provides this. It also gives an audible indication of 121.5 MHz homing transmissions and stores and time-tags messages for subsequent retrieval.

Because messages are translated into plain English they are far easier and quicker to check accurately, and the unit has provision to decode the latest position indicating protocols. The ARG5410 is also easily upgradeable for new country codes.

Tested and proven World-Wide

It is now specified equipment for both civil and military ELT testing.

SPECIFICATIONS	
RF input level	+10dBm max
Sensitivity	-13dBm typ.(use 30dB or 40dB attenuator for direct beacon connection)
Displayed frequency	$\pm 500\text{Hz}(\text{max}) \pm 200\text{Hz}(\text{typ})$
Resolution	100Hz
Antenna sensitivity	100mV/m(nom)
Battery type	9V Alkaline PP3
Alternative	9-12 V d.c. via 2.1mm power socket
Weight	680 grams
Dimensions	255×95×40mm
Antenna	190mm
TYPICAL MESSAGE	
Received at	10:23 03JUN1996 NORMAL OK
Frequency	406.0249MHz PASS
Country	366 USA
Message	FFFE2F56E681F7445FE009854700

ID	ADCD03EE88BFC01
Protocol	Serialised
Beacon	EPIRB Manual Operation
Manufacturer	15
Sequence No	2978
Model	2
Production Run	255
Homing	121.5MHz
BCH	06151C Valid
Other Info	None