



# 11-35-1000 SEARCH AND RESCUE COMMUNICATOR

The Search and Rescue Communicator has been developed in response to a market demand for a low cost, simple to use, fully immersible emergency radio. The unit provides a means of communication from aircraft to personnel in distress where they cannot be reached and no alternative communication method exists.

The unit is ruggedly constructed, is fully sealed and can safely withstand water immersion, making it ideal for use in marine distress situations.

Each unit is supplied with a tough hard fronted pouch so that they can be stored safely without the likelihood of accidental activation. To reduce the possibility of loss, the unit can be secured by a lanyard fitted to one of the loops on the pouch or the loop on the case.

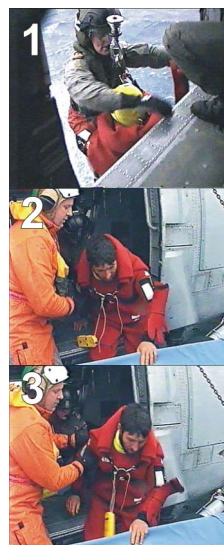
A lithium battery is used to power the Search and Rescue Communicator. This provides a shelf life of five years and an endurance of more than fifty hours when the unit is activated.

The Search and Rescue Communicator is simple to operate. All controls are identified on the front panel by English language labels and international symbols. Battery test information and foreign language translations are provided on the back of each unit. The front of the pouch also contains foreign language translations identifying the product. For bulk orders, customised panels can be produced with specific foreign language labels if required.

Receiver	Nominal frequency (with standard crystal)	123.1MHz
	Sensitivity for 6dB SINAD with 30% mod @ 1KHz	-100dBm $\pm$ 3dB
	Spurious emissions	> -47dBm
	Spurious response (not including image) for 6dB SINAD with 30% mod @ 1KHz	-63dBm
	Bandwidth	$\pm$ 8KHz @ -6dB
	IF frequency	10.7MHz
	Audio output	50mW max
	Typical distortion @ 1KHz 15dB SINAD	9% @ 85% mod
	Maximum input for 10% rise in distortion	-13dBm
	Transmitter	Nominal frequency (standard crystal)
Output relative to 50 Ohms		+18dBm $\pm$ 2dB
Spurious outputs (relative to carrier)		-25dB max
Typical distortion @ 1KHz		1.5% @ 50% mod, 6% @ 85% mod
General	Battery type	9 Volt PP3 case size
	Environment protection standard	IP675
	Weight	290 grams
	Size (not including aerial)	165 x 70 x 30mm
	Aerial length	153mm
	Float depth	140mm

## 11-35 AIDS RESCUE OF YACHTSMAN

1997..... During a Single handed around the world yacht race Frenchman, Terry Devoir, capsized in the isolated Southern Ocean.



Once the Royal Australian Airforce had located him, communication was possible using an 11-35 which was dropped down to him from the aircraft.

Photo 1: Terry Devoir being brought aboard a Royal Australian Navy helicopter.

Photo 2 & 3: Terry Devoir being escorted from the helicopter to a stretcher on the deck of the Navy ship.

The 11-35 can be seen on a cord attached to his life jacket.

### Authorised Distributor

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