

Salcom's Search & Rescue Communicator has been developed in response to a market demand for a low cost, simple to use, fully submersible 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.



11-35 Search & Rescue Communicator

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. The unit can be secured by a lanyard fitted to one of the loops on the pouch if desired.

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

The unit 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.

Product Benefits:

- Low cost
- Simple to use
- Pouch supplied with unit
- Operates on
- Withstands water immersion
- Floats in water
- Five year shelf life



Designed in New Zealand

A  designed system
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Receiver	
Nominal frequency (with standard crystal)	123.1MHz
Sensitivity for 6dB SINAD with 30% mod @ 1KHz	-100dBm \pm 3dB
Spurious emissions	> -47dBm
Spurious response (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)	123.1MHz
Output into 50ohms	+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)	165mm x 70mm x 30mm
Aerial length	153mm

Programming software available for free download at: www.salcom.com

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