

# Operating instructions S.O.S.1 emergency transmitter

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## 2. Battery changing

Remove the battery compartment cover. Attach a 9V battery. Make a note of the battery-change date on a piece of paper or a card and attach it inside the battery compartment cover so that the date is visible through the window. Close the battery compartment well after every battery change.

## 3. Test mode

Ensure that the activating switch is on the OFF position. Press the manual transmission button. The red display on the top of the unit will start to flash. If the red display fails to flash during this test, the battery must be replaced. If - after fitting a fresh battery - the red display fails to flash when the alarm transmission button is pressed, the emergency transmitter must be returned to the nearest service agent for checking.

The test with the activating switch in the OFF position can be carried out any time as the signal emitted in test mode does not affect the emergency frequency.

For test transmissions with the activation switch in the ON position, we should like to draw your attention to the international guidelines: test transmission may only be carried out for a short time, on the hour until five minutes after the hour.

## 4. Manual operation (Only use in an emergency!)

Remove the security O-ring. Set the activating switch to the ARMED position. Press the manual alarm transmission button.

After the alarm transmission button has been pressed, the emergency signal is transmitted continuously until the activating switch is manually returned in the OFF position. The red display on the top of the unit flashes while the emergency signal is being transmitted.

N.B.: The S.O.S.1 emergency transmitter may only be activated for rescue purposes in absolute emergencies. Improper use is punishable and will result in cost and possibly the imposition of fines.

## 5. Automatic operation (via moisture sensor)

Is mainly recommended when flying in coastal areas. Remove the security O-ring. Set the activating switch to ARMED.

As soon as the S.O.S.1 emergency transmitter has been in water for more than 20 seconds, the emergency signal is triggered automatically and transmitted continuously until the activating switch is manually returned to the OFF position.

The red display on the top of the unit flashes while the emergency signal is being transmitted.  
N.B.: the S.O.S.1 emergency transmitter may only be activated for rescue purposes in absolute emergencies.

## **6. Methode of wearing**

The emergency transmitter can be worn round the neck using the aerial. In this way, both you or your rescuer are in position to activate the unit at any time. It is advisable to make additional provision for attaching the emergency transmitter, ensuring that it can be activated in an emergency at any time. The range of the transmitter can be increased by detaching the aerial and holding it up.

## **7. General tips**

Improper use of the S.O.S.1 emergency transmitter is strictly forbidden and punishable by law.  
Treat your emergency transmitter with the utmost care - it might save your life! Inform others about your S.O.S.1 emergency transmitter and instruct them in how to use correctly.  
Test the battery regularly and replace it at least once a year, or immediately after the unit has been used in an emergency. Following contact with salt water, thoroughly rinse the emergency transmitter with fresh water.

## **8. Transmission range**

An S.O.S.1 emergency transmitter is not only designed for local alarms. The transmitter frequency of 121.5 Mhz corresponds to the international standard for search and rescue operations and allows localisation and rescue in the worst weather and visibility conditions. The localisation range for search and rescue (SAR) is up to a distance of 35 kms for helicopters (at an altitude of up to 6500 metres) an up to a distance of 110 kms for planes flying at higher altitudes.

## **9. Technical specification**

Frequency:	121,5 MHz
Range:	up to 35 kms for helicopters (at an altitude of up to 6500 Meter) and up to 110 kms for planes flying at higher altitudes.
Temperature range:	-10° +60° C
Duration of transmission:	6 hours minimum at -10°C, normally 12 - 24 hours
Dimensions:	73 x 70 x 29 mm
Weight:	180 g including 9V battery

## **Warning**

The serial number of the transmitter is automatically registered when it is activated. The S.O.S.1 emergency transmitter is operated on the 121.5 Mhz channel and may only be activated in absolute emergencies.

**Improper use will result in prosecution.**