

**savox**



**SR100  
RESCUE**



## **SAVOX SR100 RESCUE USER GUIDE**

**AN EXTENSION TO THE SEARCHCAM 3000  
FOR FLAWLESS INTEROPERABILITY WITH RADIOS**



**Savox SR100 Rescue – An extension to the SearchCam 3000 for flawless interoperability with radios**

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**Savox SR100 Rescue – Extension de la SearchCam 3000 permettant une interopérabilité optimale avec les radios**

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**Savox SR100 Rescue – Eine Erweiterung für die SearchCam 3000 zur perfekten Interoperabilität mit Funkgeräten****DE – INHALTSVERZEICHNIS**

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## SALES PACKAGE CONTENTS

The sales package contains the following items:

A	SR100 Rescue
B	SearchCam Adapter
C	Headset Adapter
D	Wireless PTT (WPTT)
E	User Guide

Required for operation (not part of sales package):

F	Radio Cable
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## SAVOX SR100 RESCUE FEATURES

1	Headset Socket
2	PTT B (for SearchCam)
3	Microphone
4	Volume Control Pad
5	Mode Button (M)
6	Power Button
7	SearchCam Socket (SEARCHCAM)
8	Radio Socket (COM)
9	Battery Compartment
10	Speaker
11	PTT A (for radio)
12	Wireless PTT Button (WPTT)
13	Battery Clip



## OVERVIEW

The SR100 Rescue is a smart, man worn, communication device that allows flawless operation of a SearchCam while simultaneously enabling communication via a radio.

The functionality and operation instructions of the SearchCam are not impacted by the SR100 Rescue; but use of the SR100 Rescue will allow interoperability with a radio.

The SR100 enables the user to keep both hands on the SearchCam while communicating to a survivor when pressing the PTT button on the SearchCam, or to the operation command center when pressing the wireless PTT button. The survivor will be heard in one ear and the command center in the other ear to clearly distinguish both parties.

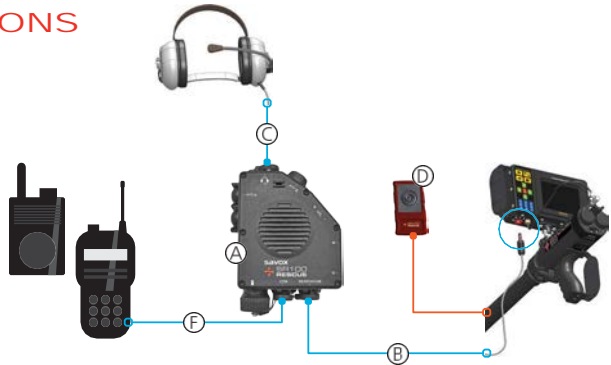
## PREPARING THE SR100 RESCUE FOR OPERATIONS

### Power

- **Battery Removal and Replacement:** Unscrew the battery cap. Place the battery into the compartment ensuring the battery negative (-) terminal is facing the battery cap. Screw the battery cap back on.
- **Power Up:** Once the battery has been inserted and the battery cap fitted back into place, the SR100 Rescue will power up automatically. The SR100 Rescue will go through a power cycle process lasting approximately 3-5 seconds. A two-tone alert will be heard upon completion. The SR100 Rescue is now ready for operation.
- **Sleep Mode:** To power off the SR100 Rescue press and hold the Power button for approximately 2 seconds. A four-tone alert will be heard.
- **Power Up From Sleep Mode:** To power the SR100 Rescue back on from Sleep Mode, press and hold the Power button for approximately 4 seconds. The two-tone Power up alert will be heard to signify the SR100 Rescue is ready for normal operation.
- **Low Battery Warning:** Double beeps every 2 minutes denote low battery power. It is recommended the battery is changed as quickly as possible.
- **Storage:** ALWAYS remove battery when not in use and during storage.

*Alkaline batteries should be used.*

## CONNECTIONS




- **Attaching the wireless PTT (WPTT) to the SearchCam:** Use the strap to attach the WPTT (D) of the SR100 Rescue to the pole of the SearchCam so you can operate the SearchCam PTT with the index finger of one hand and the WPTT button with the thumb of the other hand while keeping both hands on the SearchCam. As supplied, the WPTT and the SR100 Rescue are paired.
- **Cable connection:** To fit a lead to the SR100 Rescue align the **red dots** on the connector and the SR100 Rescue and push the connector into the socket on the SR100 Rescue. To remove the cable from the SR100 Rescue, pull the connector body backwards (latched style) and pull away from the SR100 Rescue.
- **Connecting the radio:** Plug the radio cable (F) appropriate for the radio you want to use into the radio socket marked as “COM” (8) on the SR100 Rescue. Connect the opposite end to your radio.
- **Connecting the SearchCam:** Connect the SearchCam Adapter (B) to the port marked “SearchCam” (7) on the SR100 Rescue. Connect the opposite end to the headset socket at the bottom of the SearchCam Video Display Unit (VDU).
- **Headset:** Connect the Headset Adapter (C) into the headset socket (1) on top of the SR100 Rescue. Plug the headset into the adapter.
- **Dust Caps:** Always ensure the protective dust caps are fitted when connector ports are not in use.

**DO NOT CONNECT**  
*a Savox XG line 5 pole  
connector into the SR100 Rescue  
as this may damage the product.*







## AUDIO VOLUME ADJUSTMENT

- **Radio volume:** The volume from the radio should be set to approximately 65-75%. The SR100 Rescue automatically senses the type of radio and sets up the audio levels accordingly.
- The volume control pad (4) on the SR100 Rescue controls the overall volume level in the headset in 4 steps.
- The microphone sensitivity of the camera head can be adjusted on the SearchCam Audio Rocker Switch +  - or on the VDU control panel.
- If required, the volume control on the radio can be used to balance the headset volume output between the radio side and the SearchCam side.

## OPERATING THE SR100 RESCUE

- To speak to a survivor at the camera head, press the PTT Rocker Switch on the SearchCam  **PTT** . No need to press any button on the SR100 Rescue.
- To speak to the command center through the radio, press the WPPT button. Alternatively, you can use the PTT A button on the SR100 Rescue. The survivor will not hear any radio communication.
- Listening to the survivor: The SearchCam microphone is an open line and will always be heard through the right speaker of the headset. No need to press any button.
- Listening to the command center through the radio: The command center will be heard over the left speaker of the headset.

## OPERATING WITHOUT A HEADSET

- The SR100 Rescue can also be used without a headset. Once the headset is disconnected the audio will come through the speaker of the SR100 Rescue.
- To speak to the survivor at the end of the camera head, the PTT Rocker Switch on the SearchCam and PTT B on the SR100 Rescue need to be pressed. Speak into the microphone of the SR100 Rescue (3).
- To speak to the command center, hold the PTT A and speak into the SR100 Rescue microphone.

*NOTE: The 3rd button under PTT A has no functionality with a SearchCam.*

## WIRELESS PTT (WPTT)

- **As supplied, the WPTT and the SR100 Rescue are paired. To pair a different WPTT, disconnect all connectors from the SR100 Rescue and read through all 3 steps before starting:**
  1. Press the mode button (M) FOUR TIMES. “WiC Pairing Off” will be heard on the 4th press.
  2. Within 3 seconds, press the Volume Up button (+) ONCE. “WiC pairing Switch A” will be heard. The SR100 Rescue will go into pairing mode for 10 seconds which is indicated by consecutive beeps.
  3. Press the WPTT button TWO TIMES to pair the WPTT to the SR100 Rescue. A confirmation tone will be heard to indicate successful pairing.

*NOTE: The other modes (1 to 3 button presses on M) should be ignored. DO NOT press the volume up or down button directly after entering any of these modes as this might switch off the internal speaker.*

*If this happens, remove the battery from the SR100 Rescue. Refit the battery. Wait for ten seconds. Press the mode button (M) THREE TIMES, then press Volume Down button once. Remove the battery from the SR100 Rescue. Refit the battery. The SR100 Rescue will now be ON with the internal speaker enabled as confirmed by the two-tone alert.*

- **Unpairing the WPTT: To use the WPTT on a different SR100 Rescue, the WPTT needs to be unpaired. Slide the battery clip out on the WPTT. Pull out the battery compartment, ensuring it is out of the housing. Press the wireless PTT button for 10 seconds to drain any power within the unit.**



- **Changing the WPTT battery:**
  1. Remove the clamping wire completely by pulling it sideways and pull the battery compartment out of the WPTT.
  2. Raise the metal sheet marked with + by gripping it on the two outer hooks.
  3. Replace the battery and lower the metal sheet.
  4. Slide the battery compartment back into the WPTT with the minus (-) facing on the same side as the PTT button.
  5. Slide the clamping wire through the top of the WPTT to lock the battery compartment.

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