



# Search and Rescue Systems

## **SOLUTIONS FOR ENHANCED RESCUE OPERATIONS**

When disaster strikes, so does the race against time, and it is all about saving as many lives as possible. Savox search and rescue systems cover all the equipment needed for the full range of search and rescue missions. These field proven equipment have been designed so that search and rescue teams have the ability to succeed in saving lives during catastrophes. Trapped victims can be searched, detected, located, communicated with, and rescued efficiently. Our portfolio includes search cameras, life detection systems and confined space communication systems.

Our solutions are applicable for various operations from general search and life detection to specific operations such as below ground communication. Equipment is rapidly deployable enabling rescue efforts to start without delays. Savox rescue products are used by rescue professionals around the world.





## Search Cameras

### SEARCHCAM 3000

SAVOX SearchCam 3000 is designed to locate people trapped in collapsed buildings. Its 240 degree articulating waterproof camera head and on-screen graphics help pinpoint the location so rescue teams can start extracting the victims. In addition to recording audio and video, rescue efforts are enhanced by two-way communication.

#### KEY FEATURES

- » *Field proven, rugged and reliable*
- » *Lightweight – one person can easily carry and operate*
- » *Waterproof and detachable camera head enables underwater inspections*
- » *Clear Search on-screen graphics easy to see in all weather conditions*



### SEARCHCAM RECON III

SAVOX SearchCam Recon III is an affordable and versatile technical search camera designed to meet the operational requirements of rescue operations. It is a cost-effective multipurpose solution ideal for operations varying from building collapses to vehicle extractions and underwater inspections.

#### KEY FEATURES

- » *Ready-to-go camera for versatile operations*
- » *Pistol grip and one button – easy to position and operate*
- » *No external wiring – easy to carry and maneuver*





## Life Detectors

Savox Delsar is a globally recognized seismic/acoustic listening device used to detect and locate live people trapped after structural collapses and natural disasters. The equipment turns collapsed structures into sensitive microphones that transmit detectable noises and turns them into audible and visual signals.

### DELSAR USAR KIT

The Delsar USAR Kit converts the entire collapsed structure into a large sensitive microphone that transmits noises from entombed victims. The seismic and acoustic sensors convert vibrations created by the live victim into audible and visual signals. The Delsar is rugged, reliable and able to withstand continuous use at the disaster site. The kit contains Delsar Life Detector Six Sensor System and the Delsar Victim Simulator.

### KEY FEATURES

- » *Rugged and reliable, 6-10 hours of battery run time*
- » *Rapid deployment*
- » *Easy to read clear display panel*
- » *Recording and playback functions*



### DELSAR VICTIM SIMULATOR

The Victim Simulator, included in the Savox Delsar USAR Kit and sold separately, is a great tool for search and rescue operations training. The simulator can be hidden in a fake rubble pile or parking garage to provide a constant tapping noise for the trainees to locate. The remote control gives the trainers flexibility to change the rhythm to simulate real-life search scenarios as victims do not always make a constant sound.







## Rescue Kits

Savox Hardline Rescue Kits are technical rescue kits for confined spaces. The kits are designed for confined space rescue, collapse rescue, urban search and rescue and high angle rescue. The kits enable two-way communication between the rescue team and the victims. Kits vary from entry level to more comprehensive kits.

### SAVOX HARDLINE RESCUE KIT 1 WITH POWER TALK BOX

Savox Hardline Rescue Kit 1 with Power Talk Box is our best-selling technical rescue confined space kit. It enables simultaneous, two-way voice communications between the rescuers and the victim. Rescuers use it where traditional radios fail or when hands-free, secured communications are required. Attendants can communicate with entrants and monitor their safety. The backup team can also listen to the entrants' rescue and be ready to relieve them.

#### KEY FEATURES

- » Hands-free two-way communication
- » Water- and dustproof
- » Tested to MIL standards (Rescue Kit 1)
- » Field proven, used by FEMA, USAR and SUSAR teams (USAR Task Force Kit)
- » Intrinsically safe for potentially explosive environments



### SAVOX HARDLINE USAR TASK FORCE KIT

Savox Hardline USAR Task Force kit is a comprehensive, multipurpose communication system that can be configured to according to the type of rescue mission from mine rescue to collapsed structure rescues.





## Rescue Kits

### DISASTER DEPLOYMENT KIT

Savox Disaster Deployment Kit is the enhanced all-in-one technical search and rescue kit designed for urban search and rescue teams. This rapidly deployable kit consists of two high class equipment (SearchCam and Delsar Life Detector) that enable seismic and acoustic detection, visual search and two-way communication. The kit has specifically been configured for easy procurement, deployment and storage.

### KEY FEATURES

- » Cost effective kit with top of the class equipment
- » Search efforts can be enhanced by one team using the SearchCam and the other team using the Delsar
- » Rapidly deployable all-in-one search & rescue kit
- » Included XTRACharge Batteries enables hours of usage time in the field



1. Seismic sensors
2. Long Tube Set with Extension Tube
3. 75'' (23 m) Camera Extension Cable
4. Delsar LD3 Console
5. Delsar Victim Simulator

6. Acoustic Sensor
7. Headphones
8. Battery Charger
9. SearchCam 3000
10. ClearSearch VDU
11. IR Camera
12. XTRACharge Batteriesclass



## Rescue Kits

### HASTY SEARCH KIT

Savox Hasty Search Kit is an easily deployable all-in-one technical search and rescue kit designed for urban search and rescue teams. The kit includes two sets of life saving equipment (SearchCam Recon III and Delsar Life Detector Mini) that enable seismic detection of victims, and visual search and location operations. If required, two teams can simultaneously or sequentially operate the distinct sets of equipment in this kit.

### KEY FEATURES

- » *Cost effective without compromises on quality*
- » *Enables seismic and visual search and location of people*
- » *Rapidly deployable when disaster strikes*
- » *Interchangeable parts and cross compatibility with other Savox rescue products which enhances logistical issues such as battery management*

