TABLE OF CONTENTS

OVERVIEW ......................................................................................................................2

VICTIM SIMULATOR SETUP ..........................................................................................3
  Battery Installation .................................................................................................3
  Antenna Installation ...............................................................................................4

VICTIM SIMULATOR OPERATION .................................................................................5
  Victim Simulator Operation .....................................................................................5

WARRANTY ....................................................................................................................7
  Exclusions ................................................................................................................7
  Relief .........................................................................................................................7
  Obtaining Warranty Service ....................................................................................7
  Disclaimer ...............................................................................................................7

SERVICE .......................................................................................................................8
  Service Centre ........................................................................................................8
OVERVIEW

The Delsar® Victim Simulator is designed to assist in training and testing of the Delsar® LifeDetector system. Effective training requires realistic conditions that can be repeated until the student learns the procedures. The Victim Simulator is designed to provide a controlled seismic input to allow realistic training in the use of the LifeDetector.

The Victim Simulator consists of a battery powered motor driven hammer that strikes the surface at a rate of approximately 40 times per minute. The Victim Simulator operates from both an integrated on/off switch and a wireless remote control switch. The unit will operate for approximately four hours on two standard nine-volt alkaline batteries. Remote control operation range is approximately 60 feet (20m), however this may vary depending on consistency of the rubble pile.

**PRECAUTIONS:**

- Always remove the batteries from the unit for storage. If the batteries run down, they can leak and cause damage to the unit.
- Do not carry the unit by the antenna. This will severely damage the antenna.
- Do not submerge the unit in water. It is not watertight.
- Remote control range may be reduced by environmental conditions.
VICTIM SIMULATOR SETUP

Battery Installation

The Delsar® Victim Simulator is shipped with the batteries removed and the remote control antenna detached. Both must be installed to operate the unit.

To install the batteries, remove the battery compartment door which is located on the bottom of the housing between the rubber feet. To open the compartment, remove the two screws with thumb and forefinger.

Install the batteries, observing the correct polarity. Be careful not to pull the battery wires more than one inch (25 mm) from the battery housing.

NOTE:
Overextending the wire may cause damage to the wires. The unit will run on one battery, however run time will be reduced to less than two hours. With the batteries installed, carefully nest the battery into each compartment and push the wires back into the upper housing to prevent them from getting pinched. Reinstall the battery cover plate.
Antenna Installation

With the battery cover plate reinstalled, set the unit on its four rubber feet. Install the remote control antenna by carefully threading the antenna onto the antenna mounting stud located on the top of the Victim Simulator. The antenna should thread easily onto the stud. If it does not, it may be cross threaded. Gently tighten the antenna until it seats into the recessed pocket. Over tightening the antenna will damage the antenna.

Do not carry the unit by the antenna.
VICTIM SIMULATOR OPERATION

To operate, place the Victim Simulator on a smooth surface that is free of loose debris, such as sand or soil. Depress the switch to the left to activate unit immediately or press the switch to the right to select the remote control operation. When remote control operation is selected, the unit can be turned on or off from the remote control transmitter. Push the remote control once to activate the thumper and push once again to turn off. Leaving the rocker switch in the remote control position will cause battery drain even when the thumper is not running.

The remote control can be programmed with a unique code to prevent interference when using multiple Victim Simulators. The code is set in the Victim Simulator unit by removing the top cover and selecting the desired code switch.

To remove top cover, remove the four screws with a number two Phillips driver.

Carefully lift the lid out of the housing and turn over to expose the circuit board attached to the underside of the lid.
Use a small screwdriver to slide the switch to set the code. Any combination may be used. When reinstalling the lid, align the lid so that the rocker control switch is directly over the hammer shaft and make sure that all the wires are clear of pinch points.

Once the code is selected in the main unit, the exact same code must be selected in the remote control transmitter. To set the transmitter code, open the transmitter housing by inserting a coin into the rear of the housing near the key chain slot. Pry the housing open and locate the code circuit wire traces on the circuit board. Matching the exact same code that was set in the Victim Simulator, scratch the trace to select the proper code sequence. When the circuit trace is scratched, it is the same as setting it to “off”. Reassemble the transmitter housing and test the remote control to verify correct operation.
WARRANTY

The Delsar® Victim Simulator is warranted to be free from all defects in material and workmanship under normal usage for a period of one year. This warranty is granted only to the original purchaser and is subject to the following provisions.

Exclusions

- Parts of the unit that require replacement under normal use, such as batteries.
- Damages or malfunctions caused by negligence, abuse, inadequate maintenance, or use not in accordance with the intended purpose of the unit.
- Defects or damages caused by unauthorized service, modification, or use of non-genuine Savox parts.
- Defects or damages caused by operation outside of environmental specification.
- Damage caused by common carrier or airline.

Relief

Savox will, at its option, repair or replace a defective unit or unit part that is covered by this warranty. As a matter of warranty policy, Savox will not refund the consumer’s purchase price.

Obtaining Warranty Service

To obtain warranty service, you must contact Savox to obtain a Return Merchandise Authorization number (RMA) and instructions.

Disclaimer

This warranty is expressly in lieu of all other warranties. Savox specifically disclaims any liability for any general, special, or consequential damages arising out of sale, manufacture, or use of this product, whether based upon contract, tort, or any other legal theory. Savox makes no warranties, express or implied (including, but not limited to, any warranty of merchantability or fitness for any purpose) with respect to the identified products.
SERVICE

If your system should require service or if you have a question regarding the Delsar® Victim Simulator, contact Savox at 604-244-9323 (1-800-546-3405) for assistance. Always contact Savox before returning a system for service. For service outside North America, contact Savox by phone at 604-244-9323, by fax at 604-270-2138 or online at www.savox.com.

Before you return the Delsar Victim simulator for repairs or upgrades:
1. Contact Savox for a Return Merchandise Authorization (RMA) number.
2. Insure the shipment for the purchase price of the system.
3. Place the address label on the outside and the inside of the shipping container. Shipping labels can be downloaded at www.savox.com.
4. Include contact information, return address, and a description of the reason for the return.
5. Customers are required to pay shipping to and from Savox.

For international shipments, mark the shipping document as follows:
“Goods of US origin being returned for repair”

Service Centre

US Repairs
Savox
2025 South West 5th Street
Lincoln, Nebraska 68522, USA

According to most export laws, the customs value stated on the return shipment will be either the repair price in the case of billable repairs or the cost of repair to the manufacturer in the case of warranty repairs. The recipient is responsible for payment of all customs charges such as duty upon re-entry to their country. Documents showing proof of original export for repair may be required to minimize these charges. Return documents will state an Insurance Value for the equipment in case of loss. This value is usually much higher than the Customs Value. An Ex-Works return shipment can be requested if the customer chooses not to insure the return shipment.

User comments and suggestions are always appreciated. We continually strive to improve our products and this can only be done with your help. Let us know what you like and what changes would help make the system better suit your needs.