

Delsar Mini

Quick victim detection

Compact seismic/acoustic kit specifically designed for first-response hasty searches



FAST RESPONSE FOR FAST DETECTION

A rapidly deployable seismic/acoustic listening device specifically designed for fast-response searches. This compact kit converts the entire collapsed structure into a large, sensitive microphone that captures sounds and vibrations from trapped victims. Utilizing mission-proven technology and functionality with two seismic and one acoustic sensor for hasty victim detection.

MAIN COMPONENTS

LD3 DISPLAY INTERFACE

Sensor Input ports	2
Seismic Sensors	2
Acoustic Sensors	2
Visual Display	Up to two seismic sensors or two acoustic sensors simultaneously
Headset outputs	5-pin Nexus Jack
Audio Selection	0-2 sensors, audio response is summed, stereo output can be selected with any 2 sensors
Frequency Range	1 Hz - 3000 Hz
Sound Filters	Low & High
Power source	2 x Li-Ion 18650 battery
Battery type	Rechargeable protected circuit and button top 18650 Li-Ion battery, 3.5Ah 3.6-3.7 V
Battery dimension	ø 18-18,6 x 68,6-69.3 mm
Operating time	Up to 24 h Nominal at 20°C
Charge temp.	0-40°C
Display interface LD3 dimensions	8,2 x 16,9 x 8,9 cm
Display interface LD3 weight	710 g



SEISMIC SENSOR

Sensor accessories	Spike for soft ground and magnetic clamp for metal surfaces.
Position sensitivity	Can be used in any position
Freq. response	1 Hz to 3000 Hz
Seismic sensor dimensions	ø 7,6 x 6 cm
Seismic sensor weight	490g



ACOUSTIC SENSOR

Sensor accessories	SC3000 standard and long tube (accessory, not in kit)
Position sensitivity	Can be used in any position
Freq. response	200 Hz to 3000 Hz
Acoustic sensor dimensions	ø 4,7 x 15 cm
Seismic sensor weight	610g



HEADSET

Attachment / fastening	Headband (optional accessories include helmet attachments and a neckband)
Slim cups	Yes
Active hearing protection	Yes
Hear trough volume control	Yes
Victim communication	Trough boom microphone With and without active mode
Battery type	2 x AAA battery
Operating time	Up to 250 h
Headset connector	5-pin Nexus
Weight	390 g
Hearing protector attenuation	SNR 28 dB / NRR 23 dB / SLC 28 dB
EMC	MIL-STD-461G



HARD CASE

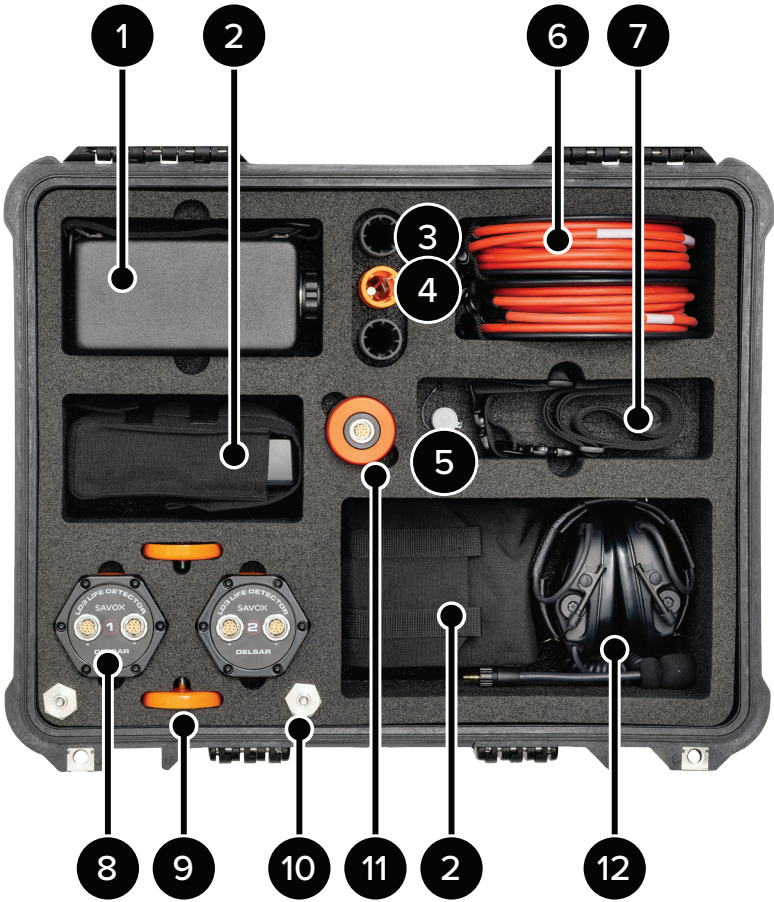


Weight (kit)	11,3 kg
Case dimensions	52.4 x 42.8 x 20.6 cm

COMPLIANCE

Recommended operational temp.	-10-43°C
Absolute storage temp.	-23- 60°C
LD3 Display interface sealing	Compliance with IP54
Seismic sensor sealing with sensor cable	Compliance with IP67
Acoustic sensor sealing with sensor cable	Compliance with IP67

KIT CONTENT



ITEM	DESCRIPTION	PART NUMBER	QTY.
1	LD3 Mini Display Interface	6020-03-002	1
2	18650 Battery * 18650 Battery carry case * 18650 4-bay Charger with wall connector *	U008998 U009017 U008997	4 2 1
3	18650 Battery Cartridge	M008946	2
4	CR123 Battery Cartridge	0823-10-074	1
5	Sensor Connector Cap	0314-04-030	1
6	10 m Sensor Connecting Cable on Spool	6020-04-010	2
7	Shoulder Sling	6010-06-003	1
8	Seismic Sensor #1 Seismic Sensor #2	6020-02-001 6020-02-002	1 1
9	Magnetic Sensor Clamp	6020-05-002	2
10	Sensor Spike	6020-05-001	2
11	Acoustic Sensor #1	6020-03-003	1
12	USAR Headset	K5694-11218R	1
13	Operational manual **	7000-01-005	1

* Item not shown
** Inside black molle pouch