

ref. 99066101

LEADER HASTY - 4M PROBE & 3 WIRELESS SENSORS

USAR LIFE DETECTORS/SEARCH CAMERAS

2-in-1 search device
Rapid deployment
Compact and lightweight
Water-resistant camera head, up to a depth of 2 metres
Ergonomic control box
Extra large colour display
Up to 3 wireless seismic sensors with a range of 100m each

DESCRIPTION
- 2-in1 device, ideal for USAR (urban Search and Rescue) operations
Leader HASTY combines the functions of seismic detection (listening device) + visual search (camera) to find victims under rubble in an enclosed space.

- wireless seismic sensors
The rescuer can connect up to 3 wireless seismic sensors (range of 100m each in open field). The triangulation is then very easy to use compared to the use of wired sensors. The rescuer keeps one hand free for personal balance and safety.

- fast deployment
Thanks to its wireless sensors, the Leader HASTY implementation is simple and fast compared to wired systems. Rescue teams are 3 times faster with wireless sensors.

- polyvalent
The rescuer can switch from the seismic detection mode (vibration detection) to the camera search mode at a glance. The size of the screen is optimal for viewing the scene. This allows the rescuer to quickly search during the recognition phase (detection phase) or to deepen the search to locate a victim (localisation phase).

TECHNICAL SPECIFICATIONS
Control panel
- Dimensions (LxWxH): 240 x 152 x 51 mm
- Weight (without battery): 1.1 kg
- Weight (with battery): 1.38 kg

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- Material: PolyPropylene (PP)
- Anti-shock Bumper: yes
- Impact resistance: Fall resistance of 2m
- Protection class: IP54
- Autonomy: 2.5 h
- Startup time: < 1 minute
- Keyboard: Phosphorescent
- Connections: max 2 headphones, camera and antenna
- Micro-SD card slot: yes (for recording photo and video)
- Operating temperature: -10 to 60 °C
- Storage temperature: -40 to 70°C
- Wireless transmission: Removable antenna and for a range up to 100m with free space seismic sensor
- Screen: TFT LCD
- Resolution: 7" (600 x 480 px WVGA)
- Brightness: 1000 candela/m2
- Backlight: LED
- Colour: 16-bit RGB
- Protection: Transparent thermoplastic (3mm), colourless scratch resistant PMMA
- Digital zoom: x2

Battery control panel
- Dimensions (LxWxH): 65 x 130 x 30 mm
- Weight: 280 grams
- Type: 4 Litium ion polymer cells (37 Wh)
- Autonomy: 2.5 hours
- Charging time: 3.5 hours
- Charging cycles: 500 times
- Protection class: IP54

Stick
- Length: 1.1 - 4 m
- Weight: 2 kg
- Material: carbon fibre

Camera
- Diameter: 47 mm
- Field of view: 260° in total
- Rotation: 170° (85° left and 85° right) via electric motor
- Lighting: 8 LEDs with 8 lighting levels
- Communication: integrated microphone/speaker for communication with victim
- Scratch resistant lens protection
- Water resistant: up to 2m with water resistant plug
- Race sponge frequency: 300 Hz to 3500 Hz
- Focal length: 3 mm (fixed)

Sensors
- Connection type: wireless
- Number of interconnections: max 3

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- Range: 100m in free space
- Dimensions (with antenna): 90mm diameter x 212 height
- Weight (without battery): 690 g
- Communication frequency: 2.4 GHz
- Response frequency: 1 Hz to 3000 Hz
- Protection class: IP67
- Battery: 3 AAA alkaline batteries
- Autonomy: approx. 8 h

Headphones
- Weight: 430 grams
- Type: stereo
- Microphone: Built-in to communicate with search camera
- Noise Reduction Rating (NRR): 23 dB

Carrying bag
- Material: Impact-resistant PolyPropylene (PP) with integrated foam rubber
- Suitable for air transport through pressure equalisation valve
- Dimensions (LxWxH): 121 x 43 x 18 cm
- Weight (empty): 7.8 kg
- Weight (full): 16 kg
- Protection class: IP67
- Wheels: 2
- Colour: orange

Charger
- Dimensions: (LxWxH): 3.5 x 4.5 x 10.5 cm
- Weight: 200 grams
- Input voltage: 100 - 240 V AC / 50-60 Hz

Package Contents
- 1 control panel
- 1 antenna
- 1 noise-reducing headphones
- 1 sunscreen
- 1 camera on 4m telescopic stick
- 1 detachable articulated arm (pole/control panel mounting)
- 1 shoulder strap
- 1 hand strap
- 3 water resistant plugs for camera
- 3 wireless seismic sensors
- 3 spikes for sensors
- 3 magnets for sensors
- 1 battery
- 1 charger
- 1 international connector adapter kit (UK, EU, AUS, USA)
- 1 Spare battery for 10 AAA batteries (excl. batteries)
- 1 SD memory card
- 1 waterproof carrier bag

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- 1 manual











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