

EARS[®] SWATS[®]

Shoulder-Worn Acoustic Targeting System

EARS SWATS is a compact, shoulder-worn acoustic targeting system that instantly detects and locates the origin of hostile gunfire. This system provides situational awareness, protection and enhances survival to those who need to quickly locate and respond to enemy threats.

Proven Technology

SWATS is a rugged and reliable system that's been field-proven by the U.S. Army, U.S. Marine Corps, Allied Armed Forces and national police forces around the world. It is the smallest, lightest and lowest-power gunshot detector available. With more than 19,500 units shipped to 12 nations, SWATS has been combat-tested and field-proven in Iraq, Afghanistan and in homeland security missions.

Increases Survivability

SWATS provides timely and actionable information that enable the soldier to take cover or respond—enhancing survival. SWATS performs accurately in urban, mountainous, and open terrain and does not false alarm or respond to nearby friendly fire.

Key Features and Benefits

Detects, locates and displays hostile shooter location in less than 1/4 of a second

Lightweight

Rugged and reliable

Accurate and effective

Operates in challenging environments

Visual and audible alerts

Built-in compass and GPS

Available for online purchase via NATO Support Agency contract for NATO nations

Language versions available

Enhances situational awareness

Increases survivability

Enhances mobility and lethality



EARS SWATS General Specifications

Small, lightweight and low power	<ul style="list-style-type: none"> Small form factor (entire kit < 500cc) 313 grams (sensor and batteries) 114 grams (display unit with cable) 14-hour battery life (CR123A x2)
Complete solution in one package	<ul style="list-style-type: none"> GPS/gyro/magnetic accelerometer sensors Chest/wrist-mounted display unit Built-in compass Spoken alert, e.g. 6 o'clock 450 meters Simple clock-face visual threat display Display-free audio-only operation
Accurate and reliable	<ul style="list-style-type: none"> 95% detection rate +/- 7.5 degrees bearing accuracy 10% of range accuracy > 700 meters detection range (open terrain)
Interoperable and flexible	<ul style="list-style-type: none"> RS-232 or USB serial data interface Support for XML, JVMF and CoT Integrated with numerous SA and C4ISR systems including Land Warrior, Nett Warrior and FCB2 Mounting solution is compatible with rucksacks, MOLLE gear and a wide variety of equipment ensembles
Quality tested	<ul style="list-style-type: none"> Environmentally stress screened during assembly 100% function checked prior to shipment
Qualifications	<ul style="list-style-type: none"> CE: Radiated emissions and susceptibility and electrostatic discharge MIL-STD-810F: High and low temperature storage and operation, temperature shock, humidity, drop, shock, vibration, sand, dust, salt fog, and blowing rain MIL-STD-461E: Radiated and conducted emissions and susceptibility



Collaborating with QinetiQ Inc.

At QinetiQ we bring organizations and people together to provide innovative solutions to real world problems, creating customer advantage. Working with our partners and customers, we collaborate widely, working in partnership, listening hard and thinking through what customers need. Building trusted partnerships, we are helping customers anticipate and shape future requirements, adding value and future advantage.

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