

CTL3520

GPS Jammer Detector & Locator



Product Overview

The Chronos CTL3520 GPS Jammer Detector and Locator is a handheld, battery operated device designed to detect and quickly locate the presence of jamming signals from commercially available GPS jammers or too much power or interference broadcast in the GPS (L1) band.



CTL3520 Handheld GPS Jammer Detector and Locator



Ideal for the detection and location of commercially available GPS jammers hidden in vehicles

Applications

Detection and location of GPS jammers in:

- Any vehicle or human carrier
- Multi-storey car parks
- Taxi ranks at railway stations, airports etc.
- Truck holding areas
- Van depot gates
- Ports, freight & container terminals

Key Features

- Simple to use
- Detecting and pinpointing GPS jamming at 1575.42 MHz (GPS - L1)
- High sensitivity
- Visual LCD & LED display of jammer strength
- Hand held - small size, light weight
- Rechargeable battery via micro USB
- Battery Low indicator

Users Include

- Law Enforcement Agencies
- Communications Licensing Regulators
- Security Operatives
- Fleet Operators
- Critical Infrastructure Operators

DATA SHEET



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GPS L1 Jammer Detector and Locator with Direction Finding

Specifications

Direction Finding and Detection Capability

The CTL3520 has a liquid crystal display which indicates the direction of the jammer with a visual indication. There is also audio signal strength indication. This enables the operator to quickly identify the jammer direction and location in order to mitigate the threat. The CTL3520 is sensitive enough to detect even the lowest power jammers which are commercially available on the market.

LED Signal Strength Indicators

Eight LEDs are used to indicate signal strength of the received signal centred at 1575.42MHz (GPS L1). Yellow LEDs indicate lower power and red LEDs indicate higher power. Each LED indicates strength in approximately 5dB steps.

Temperature

Operating: 0°C to +50°C
Storage: -20°C to +35°C

Sensitivity

-100dBm in a 20MHz band around GPS L1

Physical

Case: WxHxD: 260mm x 120mm x 26mm (inc handles)

Weight: 410 grams (including battery)

Battery: Rechargeable lithium polymer batter

Battery Life: Approximately 8 hours

Supplied Accessories

Micro USB power supply and USB cable for charging battery and connection to PC

Optional Accessories

CTL3520 universal mount with twist body suction cup base designed to have a strong hold on glass and non-porous plastic surfaces. The mount rubber ball and socket system has adjustment points at both ends of the double socket arm allowing for almost infinite adjustment and perfect viewing angles.



Typical Jammers detectable with the CTL3520

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