

# J-ALERT

Tracking and Communications  
Jammer Detector/Locator



POLICE

TESTED & PROVEN



**Your targets are using signal jammers,  
are you equipped to respond?**

Signal jammers are in use everywhere to defeat law enforcement and electronic tracking. Criminals use jammers to prevent 911 calls, to prevent gang-on-gang violence, and to conceal the location of drug safe houses. Knowledge is power, and the J-ALERT gives you the power to detect and track illegal jammers. The J-ALERT is proven to be effective in detecting illegal activities in progress, such as:

- Gang Violence**
- Auto & Cargo Theft**
- Drug & Contraband Smuggling**



Typical  
Jammer

**DYPLEX**  
COMMUNICATIONS LTD

# J-ALERT Specifications



## Actively Discover Illegal Jamming Devices



Recent years have seen a significant rise in the use and availability of illegal jamming devices. These devices are used to defeat surveillance and security equipment including cellular devices (audio/video), GPS, and Lojack tracking. While jamming of signals is itself illegal in most countries, identifying when a jammer is in use has always been difficult. The J-ALERT makes jammer detection and tracking easy, safe, and cost effective.

The J-ALERT is an RF signal analyzer that monitors Cellular Radio Frequencies, GPS, and Lojack to determine if the target is actively jamming these signals. When the J-ALERT detects jamming in the cellular bands a corresponding LED will light to indicate the Received Signal Strength (RSSI) of the jammer and which band is being jammed. When GPS L1 frequency and a cellular band or Lojack is being jammed a bar graph indication of jammer received signal strength (RSSI) from the jammer is displayed, enabling tracking. If both a cellular band and GPS L1 are being jammed simultaneously or if Lojack is being jammed a beep will sound every 3 sec. to alert the operator a jammer is in use. The J-ALERT also has a stereo jack on the back of the unit with both N/O and N/C contacts for triggering an external device on alerts.

Optional Handheld Direction Finding Kit



## Key Applications

- » Vehicle & Cargo Thefts
- » Drug & Contraband Smuggling
- » Gang Related Vehicles
- » Parole Violators
- » LEA Installation



J-ALERT Rear Panel including Antennas,  
Relay Out, and USB Supply

## Specifications

### JA2020 North America model

#### Detectable Frequencies

|           |                         |
|-----------|-------------------------|
| Cellular: | GSM/CDMA 850/1900, UMTS |
| Lojack:   | VHF                     |
| GPS:      | L1                      |

#### Mechanical

|               |  |
|---------------|--|
| Dimensions:   | 4.7 X 4 X 1.1 in (D x W x H)<br>120 X 103 X 30 mm (D x W x H)  |
| Weight:       | 0.3kg  |
| Enclosure:    | Silver anodized housing  |
| Power:        | USB 5 vdc<br>External 10 - 28 vdc using supplied adapter<br>Internal Li-ion battery rechargeable (2hr runtime) |
| Relay Output: | Stereo 2.5 mm jack 1-N/O 1-N/C contact   |
| Antennas:     | 2 x - Stubby 90 degree SMA   |

**DYPLEX**  
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