

J-ALERT

Detect & Locate Tracking
and Communications Jammers



Protect your fleet, cargo, and facilities with J-ALERT.

Unlawful jamming of communications and data is a growing concern. Protect yourself and your organization from the threat of communication & telemetry jamming by taking advantage of the J-ALERT's ability to warn you of criminal activities, providing protection to drivers and cargo.

- Prevent cargo theft.
- Protect against fraudulent waybills.
- Provide early warning of truck-jacking.
- Detect jamming of your tracking system.



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
- » Truck Jacking Early Warning Device
- » Removing Trailers with False Waybills
- » Asset Recovery



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) 120 X 103 X 30 mm (D x W x H)
Weight:	0.3kg
Enclosure:	Silver anodized housing
Power:	USB 5 vdc External 10 - 28 vdc using supplied adapter 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

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