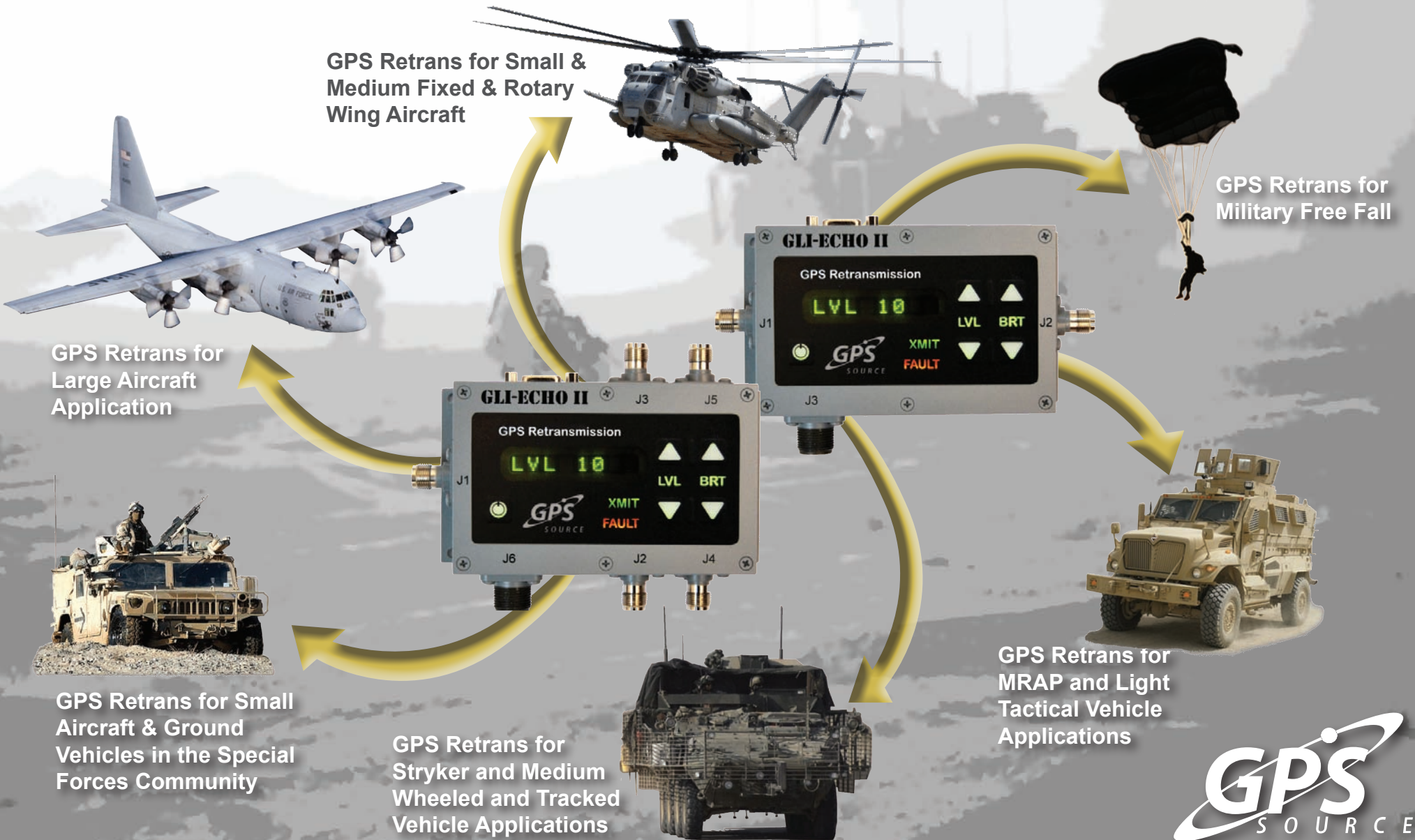


# GLI-ECHO II - GPS Retransmission

Next Generation Primary System LRU for GPS Retransmission

Provides Connected & Wireless GPS Signal Live Inside **ANY** Military Vehicle



GPS LIVE INSIDE

# GLI-ECHO II

## LRU Specifications

### Repeater Amplifier Specifications

Operating Frequencies	L1 (1575.42MHz) Bandwidth +/- 15 MHz L2 (1227.60MHz) Bandwidth +/- 15 MHz
Operating Gain	15dB - 56dB (Nominal 33dB)
SWR	2:1
Input/ Output Impedance	50 Ω
Noise Figure	< 3dB
RF Power	- 85dBm to -65dBm (Adjustable Output Range 20dB)

### Mechanical Data

Weight	1.4 lbs
Size	5.875" x 4.48"
Mounting	All Mounting Hardware
Connectors Options (Multiple)	Designed to MIL-STD-810
Power Options (Multiple)	12/28V Vehicle; BA5590 series

### Electrical (DC)

Input Power Options	28VC Operating Input Voltage Range: 12V-33V
Active Antenna Output	Output Voltage: 6.8V
Antenna Current Through J1 (Input Port of GLI Echo II)	Load Current Range: 2-70 mA
Operating Current	610 mA @ 12V (Excl. Antenna Current)

### Environmental

Operating Temp	-40°C to +71°C
Humidity	95%
Vibration	per MIL-STD-810 method 514.6
Peak Shock	75 G's
Sand and Dust	62.78°C/22 hrs (MIL-STD-810)

## The Smart GPS Repeater

Next Generation Primary System LRU for GPS  
Retransmission - Provides Wireless or Wired Signal to All  
GPS Enabled Sub-Systems

- Based on State of the Art Technology Developed for Permanent GPS Retransmission in the Boeing C-17
- Supports Options Not Available in Any Other Repeater
- Outperforms Retransmission Systems Costing Several Thousand Dollars More
- Precisely Controlled and User Adjustable Output Signal Strength
- Expandable - Single Input, Four Output
- NVG Compatible
- Automatic Oscillation Detection
- BIT and Fault Isolation
- Available as a Roll On/Roll off or Permanent Install

### Meets Military Specs:

MIL-STD-1472, MIL-STD-810, MIL-STD-461,  
MIL-DTL-5541, MIL-STD-704 or MIL-STD-1275

## Contact Us

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