Steffe's & Company, LLC.

ROGER™ GNSS repeater

ROGER™ GNSS Repeater

GNSS-L1G1GA-IP67

Key features:

- **Automatic gain limitation**
- **Oscillation prevention with indicator**
- **Maximal coverage for CE approved repeater**
- **Sustaining BeiDou B1/Galileo E1/Glonass G1/GPS L1 fix when moving from indoors to outdoors**
- **Full product family with repeaters, amplifiers and splitters**

808 Pantego Blvd SE
Bolivia, NC 28422

Tel. +1 434 660 7411
Fax. +1 434 253 1810

info@steffesandco.com
www.steffesandco.com

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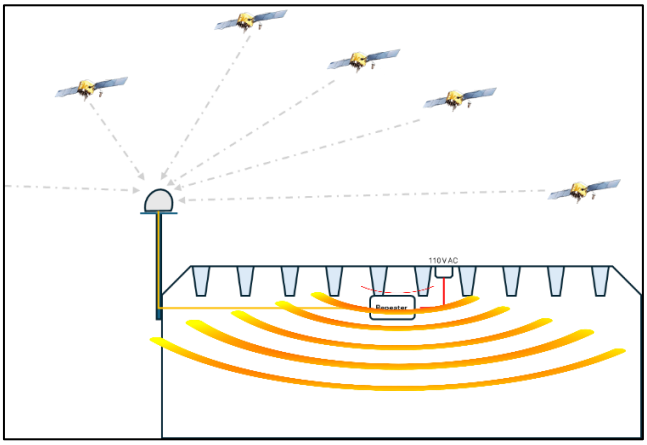
How does the ROGER™ GNSS Repeater work?

The ROGER™-GNSS repeater works by receiving satellite signals (BeiDou B1 / Galileo E1 / Glonass G1 / GPS L1) with an outside antenna that has a free and unobstructed view of the sky and the satellites. The active antenna distributes the signals via a coaxial cable to the repeater which then re-radiates the signals indoors or underground. Instant tracking of GNSS signals when moving from indoors out.



Technical Specifications		
Frequency:	BeiDou B1 (1.5611 GHz), Galileo E1 (1.57542 GHz), Glonass G1 (1.602 GHz), GPS L1 (1.57542 GHz)	
Size:	7.87 x 3.50 x 1.53" (200 x 89 x 39 mm)	
Enclosure rating:	IP67	Dust-tight and immersible (1 m) for 30 min
Weight:	10.22 oz (290 g)	
Overall gain:	>40 dB	
Adjustable Gain:	0 – 40 dB	
Impedance:	50 Ω	
Input connector:	TNC Female	
Operating Temperature:	-13 - +131˚ F (-25 - + 55˚ C)	
Current consumption:	300 mA	
DC Input:	12 VDC	
Indoor Coverage:	Up to 164 ft. (50 m)	
Antenna power output::	+ 5 VDC, 100 mA	
TX Antenna Gain:	Max.+4dBd, RHCP polarized	Right-Hand Circular Polarization reduces interference

High Tech Products – Outstanding Service

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