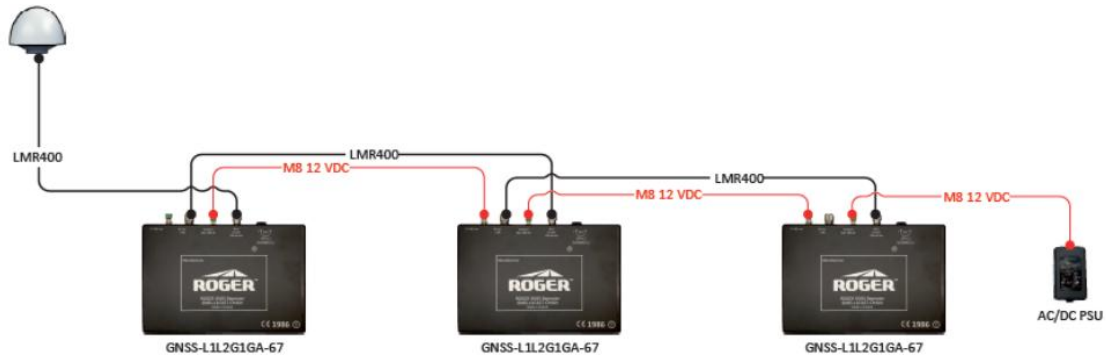


## ROGER™ GNSS Repeater

### GNSS-L1L2G1GA-IP67

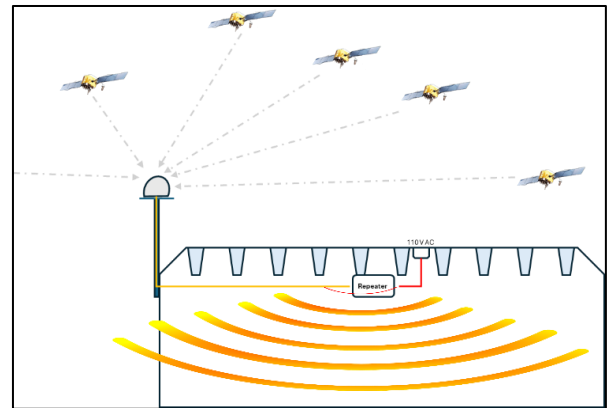
#### Key features:

- Enables daisy-chaining when using multiple repeaters
- Simple cabling – quick installation
- Automatic gain limitation
- Oscillation prevention with indicator
- Maximal coverage for CE approved repeater
- Sustaining BeiDou B1/Galileo E1/Glonass G1/GPS L1 and L2 fix when moving from indoors to outdoors
- Full product family with repeaters, amplifiers and splitters
- All signals in one box



## How does the ROGER™ GNSS Repeater work?

The ROGER™-GNSS repeater works by receiving satellite signals (BeiDou B1 / Galileo E1 / Glonass G1 / GPS L1 and L2) 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), GPS L2 (1.22760 GHz)	
Size:	9.60 x 6.49 x 2.51" (244 x 165 x 64 mm)	
Enclosure rating:	IP67	Dust-tight and immersible (1 m) for 30 min
Weight:	21.51 oz (610 g)	
Overall gain:	>40 dB	
Adjustable Gain:	0 – 40 dB	Separate gain adjustment for GPS L2
Impedance:	50 Ω	
Input connector:	TNC Female	
Operating Temperature:	-13 - +131° F (-25 - + 55° C)	
Current consumption:	600 mA	
DC Input:	12 VDC	
Gain internally:	+12 dB	
Attenuation RF-out port:	+4 dB	
Indoor Coverage:	Up to 131.2 ft. (40 m)	
Antenna power output:	+ 5 VDC, 100 mA	
TX Antenna Gain:	Max.+4dBd, RHCP polarized	Right-Hand Circular Polarization reduces interference

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