GALILEO

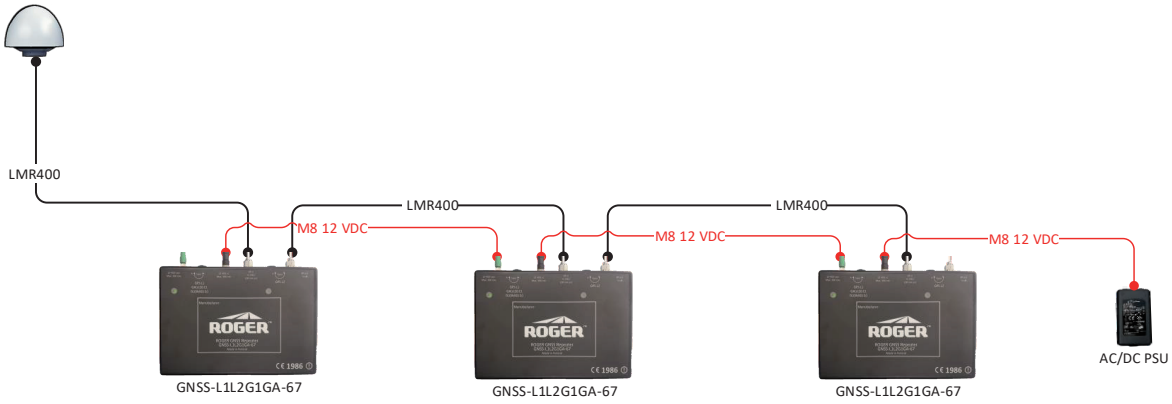
ROGER™
GNSS repeater

CE APPROVED

Instant GPS L1/L2/GLONASS/GALILEO/BEIDOU service indoors GNSS-L1L2G1GA-67

Key Features

- Easy to chain when using multiple repeaters
- Simple cabling - quick installation
- Automatic gain limitation
- Oscillation prevention with indicator
- Maximal coverage for CE approved repeater
- Sustaining GPS L1/L2/GLONASS/ GALILEO/ BEIDOU fix when moving from indoors to outdoors
- Full product family with repeaters, amplifiers and splitters
- All signals in one box

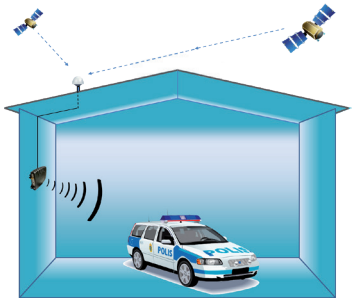


Read more about our solutions from www.gps-repeating.com

How does Roger

GPS L1/L2/GLONASS/GALILEO/BEIDOU repeater work?

ROGER GNSS repeater operates by receiving GPS/ GLONASS/GALILEO/BEIDOU satellite signals with an antenna located outside the building and re-radiating the signals to the indoor area or covered space.



Use of re-radiated signals indoors means that GPS/ GLONASS/GALILEO/BEIDOU receiver is tracking the current status and signal from the satellites. When a GPS/ GLONASS/GALILEO/BEIDOU receiver is moved from covered area to outdoors and vice versa, the receiver is instantly tracking the location instead of time consuming acquisition.

Technical information

Frequency:	GPS L2 (1227.60 MHz) GPS L1 (1575.42 MHz) GALILEO E1 (1575.42 MHz) GLONASS G1 (1602 MHz) BEIDOU B1 (1561.1 MHz)
Size:	244*165*64 mm
Weight:	610 g
Casing:	IP67
Overal gain:	> 40 db
Adjustable Gain GPS L1/ GLONASS/GALILEO:	0-40 db
Adjustable Gain GPS L2:	0-40 db
Impedance:	50 Ohm
Input connector:	TNC-female
Operating temperature:	- 25 - +55 °C
Current consumption:	600mA
DC input:	12 VDC
Gain internaly:	+12 dB
Atennuation out port:	+4 dB
Indoor coverage:	upto 40 meters
Antenna power output:	+ 5 VDC, 100 mA
TX Antenna gain:	max. +4dBd, RHCP polarisized

ROGER™ GNSS products:

Latest Product information can be found on http://www.gps-repeating.com/

or email us to

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