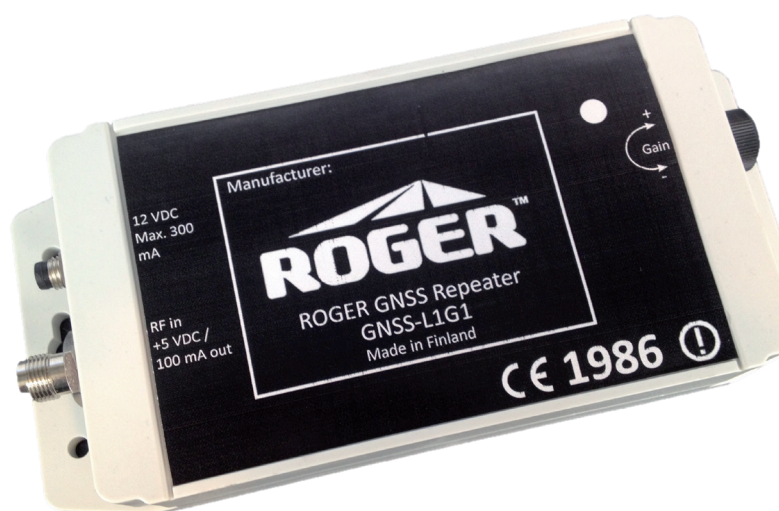




Instant GPS/GLONASS service indoors Roger GNSS-L1G1-IP67

Key Features

- Automatic gain limitation
- Oscillation prevention with indicator
- Maximal coverage for CE approved repeater
- Instant GPS/GLONASS fix when moving indoors and outdoors
- Full product family with repeaters, amplifiers and splitters



Emergency stations and depots



Asset management in control room

Tunnels and traffic stations



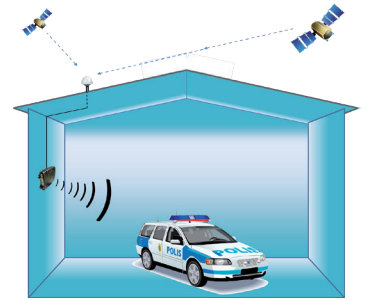
Ships and vessels



How does Roger repeater work?

ROGER GPS/GLONASS repeater operates by receiving 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 receiver is tracking the current status and signal from the satellites. When a GPS/GLONASS 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 L1 (1.57542 GHz) GLONASS L1 (1.602 GHz)
Size:	200*89*39 mm
Weight:	274 g
Casing:	IP67
Overall gain:	> 40 db
Adjustable Gain:	0-40 db
Impedance:	50 Ohm
Input connector:	TNC-female
Operating temperature:	-35 - + 85 °C
Power supply:	+12VDC/300mA
Indoor coverage radius:	10 - 18 m
Antenna power output:	+ 5 VDC, 100 mA
TX Antenna gain:	max. +4dBd, RHCP polarized

ROGER™ GNSS products:

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

or email us to

roger@gps-repeating.com

