

NEW!!

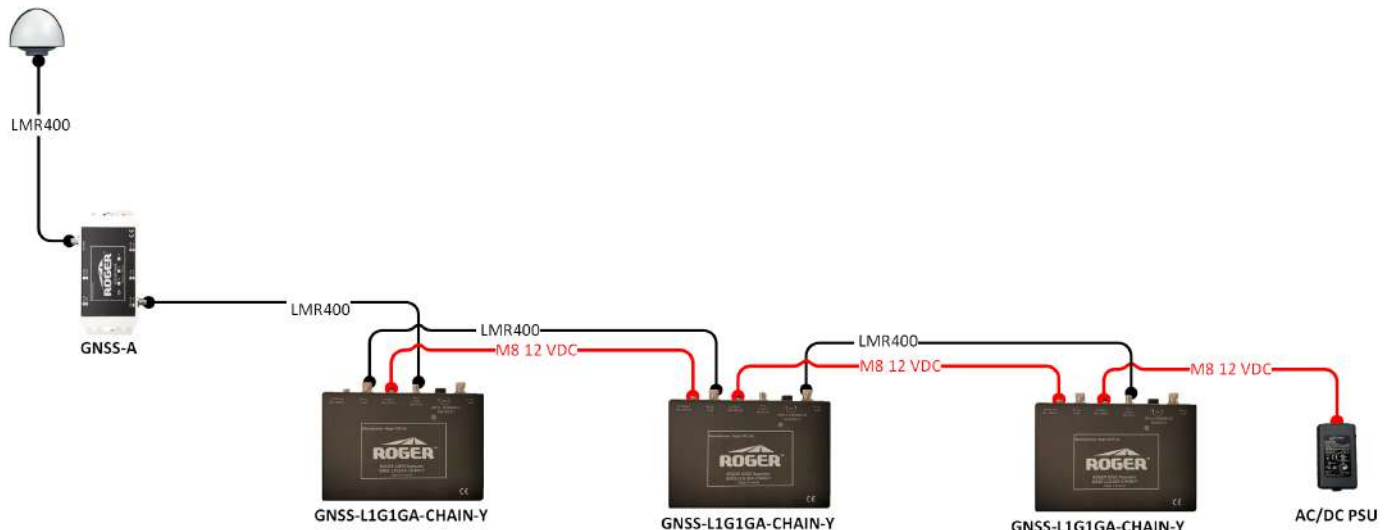
ROGER™

GNSS repeater



Instant GPS/GALILEO/GLONASS service indoors GNSS-L1G1GA-CHAIN-Y

New way to create GNSS coverage



- One or multiple power supplies
- Simple cabling - quick installation
- Easily extendable - two RF outputs each +4 dB gain
- Automatic gain limitation for the repeater
- Oscillation prevention with indicator
- Maximal coverage for CE approved repeater
- Instant GPS/GALILEO/GLONASS fix when moving indoors and outdoors
- Full product family with repeaters, amplifiers and splitters

Fire stations, bus stations, railway stations, tunnels, aircraft hangars, etc.



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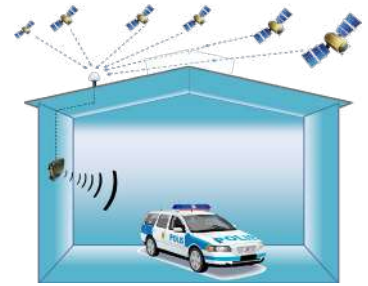
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How does Roger repeater work?

ROGER GPS/GLONASS/GALILEO 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/GALILEO receiver is tracking the current status and signal from the satellites. When a GPS/GLONASS/GALILEO 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 G1 (1.602 GHz)
GALILEO E1 (1.57542 GHz)

Size:

243*160*63 mm

Weight:

690 g

Casing:

IP67

Overall gain:

> 40 db

Repeater Adjustable Gain:

0-40 db

RF Outputs:

2 x +4 dB

Impedance:

50 Ohm

Input connector:

TNC-female

Output connectors:

TNC-female

Operating temperature:

-40 - +75 °C

Power supply:

+12VDC/300mA

Indoor coverage:

upto 50 meters

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



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