

## GNSS - L1G1GA, GNSS REPEATER

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

### Key Features

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



### TECHNICAL INFORMATION

Frequency	GPS L1 (1.57542 GHz), GALILEO E1 (1.57542 GHz), GLONASS G1 (1.602 GHz), BEIDOU B1 (1.5611 GHz)
Size	110*143*28 mm
Wight	165 g
OverallGain	> 40 dB
Adjustable Gain	0-40 dB
Impedance	50 Ohm
Input connector	SMA-female
Operating temperature	- 25 - +55 °C
Power supply	+12VDC/300mA
Indoor coverage	upto 50 meters
Antenna power output	+ 5 VDC, 100 mA
TX antenna gain	max. +4dBd, RHCP polarisized