



ROGER-GPS Repeater Package (GNSS-L1G1GA-BP40-US)



A single ROGER-GPS Repeater Package is enough to provide a GPS L1 (1.57542 GHz), Glonass G1 (1.602 GHz), and Galileo E1 (1.57542 GHz) indoor signal coverage area of ~ 10,700 ft² and a distance of up to 164 ft. from the repeater center. Mount the external antenna on the roof of the building and connect the cable supplied with the kit to the antenna and to the repeater installed indoors.

Connect the power supply unit to the repeater, adjust the repeater's transmission power according to the local conditions, to prevent a signal loopback, and indoor GPS coverage is immediately available.



Several ROGER-GPS Repeater Packages can be installed in the same building. Alternatively, the signal coverage provided by a single package can be extended with ROGER-GPS Accessories, such as line amplifiers and signal splitters.

WHAT'S IN THE BOX

- Outdoor antenna for receiving the GNSS signals
- Adjustable antenna mount and cable spacer
- ROGER-GPS Repeater unit (GNSS-L1G1GA)
- Power supply
- RF-cabling, 131 ft. (40 m) including connectors
- Manual



TECHNICAL SPECIFICATIONS		
Frequency	1.57542 GHz, 1.602 GHz	GPS L1 and Galileo E1 (1.57542 GHz), Glonass G1 (1.602 GHz)
Size	4.33 x 5.63 x 1.10 inches (110 X 143 x 28 mm)	
Weight	5.82 ounce (165 g)	
Overall Gain	> 40 dB	
Noise Figure	< 2 dB	
Adjustable attenuation	0 - 40 dB	
Impedance	50 Ω	
Input connector	SMA-female	
Operating temperature	-13 - 131°F (-25 - + 55°C)	
Power supply	+12VDC, 1,5 A	Power supply with US plug included
Antenna power output	+5VDC, 100mA	
TX antenna gain	+4 dBd, RHCP polarization	
Type Approval	CE 1986 (!) R&TTE Directive (Directive 199/5/EC)	
Antenna Gain	+38 dB	
Coaxial Cable Length	131 ft. (40 m)	GNSS-L1G1GA-BP-US with 65 ft. (20 m) cable available

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