

**NEW**



**PRECISION GPS+**

**TOPCON**



# PG-A1 PG-A2

New high-precision, ultra-lightweight antennas designed to take the punishment of the field



Topcon continues to lead all GPS manufacturers with a multitude of new and innovative products. The new PG-A Series of high precision GPS antennas is an exciting addition to the complete line of Topcon GPS products.



Another World's first innovation by Topcon, the PG-A2 is the first antenna to provide both dual-frequency/dual-constellation satellite tracking and integrated UHF communication antenna, all in one compact, durable design.

Available as either a standard, dual-frequency/dual-constellation antenna (PG-A1) or with integrated UHF (PG-A2), Topcon antenna expertise is world class. With precision micro center antenna technology, you have the best design available to achieve the highest horizontal and vertical accuracies. The integrated ground plane also helps eliminate errors caused by multipath.



The PG-A1 antenna was designed to accompany the Topcon modular receivers such as the Legacy-E, Legacy-H, and Odyssey-RS. The PG-A2 with integrated UHF was designed to compliment the Odyssey-E integrated receiver, UHF radio, and Windows CE controller.

Contact your local Topcon Distributor for more information or to arrange a demo, or you can visit us at [www.topcon.com](http://www.topcon.com).



## PG-A1, PG-A2 Technical Data

### PG-A1

Frequency	Dual Frequency GPS + Glonass
Integrated UHF	No
Centering	Precision Micro Center
Type	Microstrip on flat ground plane
Weight	492g
Dimensions	141.6 x 141.6 x 53.7mm
DC voltage	+2.7 ~ +12V;25 mA @5.0typ.
LNA gain	30 ± 2dB
Output	50 Ohm
Connector	TNC
Environmental	Waterproof
Operating temp.	-40°C ~ +55°C
Shock Resistance	2-meter Pole Drop

### PG-A2

Frequency	Dual Frequency GPS + Glonass
Integrated UHF	Yes
Centering	Precision Micro Center
Type	Microstrip on flat ground plane
Weight	492g
Dimensions	141.6 x 141.6 x 70mm
DC voltage	+2.7 ~ +12V;25 mA @5.0typ.
LNA gain	30 ± 2dB
Output	50 Ohm
Connectors	TNC, Radio Connector BNC
Environmental	Waterproof
Operating temp.	-40°C ~ +55°C
Shock Resistance	2-meter Pole Drop



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