











Topcon GB-1000 Resource Page

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Topcon GB-1000 Resource Page

Back to receiver comparison page	Receiver	GNSS ?	Available as special buy	Available on loan	Serviceable at UNAVCO	File Size (24 hr, 15 s)	Memory	Time lasts recording at 15 s	Power draw w/ antenna	Time lasts on 18amphr battery
	Topcon GB-1000	 Y	 Y	 Y	 Y	 4.6 MB	 1 GB internal, 1 GB CF card	 1.2 years	 3.9+ W	 1.9 days

UNAVCO maintains a pool of 100 Topcon GB-1000 campaign systems in order to support portable GPS deployments funded by the NSF's EarthScope Science panel. For more information, see the [EarthScope GPS Campaigns page](#).

- Configure through the screen.
- Tracks GPS L1, L2; tracks GLONASS.
- Data stored on internal memory (1 GB in UNAVCO systems) and/or a removable compact flash card.
- Native data format is .tps.

Topcon Resources

- [Product Brochure and Specifications \(.pdf\)](#)
- [Operator's Manual, Rev. B, January 2005 \(.pdf\)](#)
- [GPS Receiver Interface Language \(GRIL\) Reference Manual, v3.4p2, Dec2009 \(.pdf\)](#)
- [Topcon GB-1000 website](#)

Software and Configuration Files

- [Topcon PCCDU v7.1.2.0.0 MS Controller Software \(.zip\)](#)
- [USB Driver for PC-CDU or direct connection to GB-1000](#)
- [Topcon PCCDU User Manual \(.pdf\)](#)
- [Topcon Tools Software v7.5 \(.zip\)](#)

How To's and FAQ

- [How to configure for static surveying \(.pdf\)](#)
- [How to configure for rapid static observations \(.pdf\)](#)
- [How to configure for real-time and post-processed kinematic surveys \(.pdf\)](#)
- [How to enable 20 Hz \(and other high-rate\) logging in Topcon GB-1000 Receivers](#)
- [How to download data \(.pdf\)](#)
- [Como bajar datos \(.pdf, español\)](#)
- [How to use the Topcon Tools software, for first-time users \(.pdf\)](#)

Firmware

- [Receiver Board Firmware v3.4p2 and release notes](#)
- [Receiver Board Firmware v3.4 and release notes](#)
- [Receiver Board Firmware v3.3p6](#)
- [Receiver Board Firmware v3.2 \(.zip\)](#)
- [Receiver Board Firmware v3.2 Release Notes](#)

- [Receiver Board Firmware v3.1.3 Release Notes](#)
- [Receiver Board Firmware v3.1 \(.zip\)](#)
- [Receiver Board Firmware Release History, January 3, 2008](#)
- [Controller Board Firmware v3.02 \(.zip\)](#)
- [Controller Board Firmware Release History, April 16, 2007](#)

Testing

- [Topcon GB-1000 First Article Receiver Testing \(2004\)\(.pdf\)](#)
- [Topcon GB-1000 - Technical Notes](#)

Posted by: **Beth Bartel** - Fri, Oct 15, 2010 at 9:38 PM. This article has been viewed 57577 times.

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