



# Ashtech Micro-Z and Z-12 Resource Page

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## Ashtech Micro-Z, ICGRS, and Z-12 Resource Page

<a href="#">Back to receiver comparison page</a>	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
	Ashtech MicroZ & ICGRS	N	N	Y	Y	3.8 MB	32-128 MB	8 days - 1 month	8 W	23 hrs
	Ashtech Z-12	N	N	Y	N	1.8 MB	32 MB or less	18 days or less	12 W	15 hrs

Ashtech receivers are used mostly in the GGN.

- Configure using Micro Manager (requires a dongle) or Sharc software or using PASH commands via a hyperterminal. ICGRS can also be configured via a http interface; Z-12 can be configured via the screen.
- Download using Micro Manager (requires a dongle) or Sharc software, or Ashtech GPS Toolkit.
- Record L1, L2.
- Native data format is Ashtech U file.
- 100 file limit, regardless of file size, on the Micro-Z & ICGRS.

## How To's and FAQ

- [Ashtech Micro-Z Interface Protocol Quick Reference \(PASH commands and examples\)](#)
- [Ashtech Z-12 - How to configure for static / rapid static surveys](#)
- [Ashtech Z-12 - How to stream for VSAT](#)
- [How to remotely access receivers that are being downloaded using the WIGATE software](#)
- [How to install EGADS & SHARC on a RedHat LINUX 7.3 system \(.pdf\)](#)
- [How to integrate the Vaisala WXT520 with the Ashtech MicroZ](#)

## Software

- [Sharc \(.rpm\)](#)  
Program and download data from Ashtech receivers. To check for the most recent version, go to <http://sourceforge.net/projects/sharc/>.
- [EGADS](#)  
A Perl program used in conjunction with Sharc that automates the downloading and file naming of GPS data from a remote system.
- [CGhose GPS Receiver Programming and Data Downloading Software \(.zip\)](#)  
A DOS utility that provides GPS receiver programming and data downloading. CGhose is no longer supported by Magellan; it has been replaced by GNSS Solutions. See the [Magellan Professional GPS software support page](#).
- [CGRemote GPS Receiver Programming and Data Downloading Software \(.zip\)](#)  
A Windows utility that provides GPS receiver programming and data downloading. CGRemote is no longer supported by Magellan; it has been replaced by GNSS Solutions. See the [Magellan Professional GPS software support page](#).
- [Remote 33](#)  
A small collection of utilities and PERL scripts that allow some basic operations of the Ashtech Reference Stations Receivers.

## Firmware

- [Ashtech Micro-Z - Firmware, Firmware Release Notes, Firmware Upload Programs and how to use them](#)

Posted by: **Beth Bartel** - Wed, Aug 18, 2010 at 4:42 PM. This article has been viewed 13708 times.

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