

Bad Elf GPS User Guide

The Bad Elf GPS accessory adds high performance GPS location support to your iPod touch, iPhone, or iPad.

Quick Start Instructions

1. Insert the accessory into the 30-pin dock connector of your Apple device. The green LED will flash momentarily.
2. You will be prompted to download the free Bad Elf GPS utility app from the App Store. This app allows you to check the operation of your accessory, as well as update the accessory firmware should bug fixes and/or new features become available.
3. Launch any app that uses location services, such as the default Maps app. The green LED will show the status:

OFF	GPS accessory not in use
SLOW BLINK	searching for satellites
SOLID ON	GPS lock acquired
4. Make sure the accessory has an open view of the sky, especially the first time you use it. GPS lock times can be as long as 2 minutes (cold start), but will usually be less than 40 seconds (warm start).
5. If the LED does not start blinking, make sure that Location Services are enabled system-wide and for the specific app under Settings > Location Services.

Power Consumption & Charging

GPS receivers are power-hungry devices, so be sure to close any applications that use location services when you're not using them, or unplug the accessory from the 30-pin dock connector.

The Micro-USB cable can be used to provide external power to your iOS device when the Bad Elf GPS is attached. This power is passed thru directly to the iOS device and is not used by the accessory in any way. Make sure that your charger officially supports the iOS device you are using, otherwise you may get a "Not Charging" indication.

Questions or Issues?

Please visit us at <http://bad-elf.com/support> for FAQs, troubleshooting steps, and a list of compatible apps.

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"Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.