



Best Use for Trimble GeoXT

1. The GeoXT is a shared resource. Please do not use it to store personal information on it and return it in the condition you received it.
2. Always use the stylus when using the touch system. Do not scratch the screen.
3. The GeoXT is water resistant not waterproof. Do not use the GeoXT in the rain.
4. The Trimble GeoXT is a PDA as well as a GPS.
5. For more information on the PDA aspects of the GeoXT refer to “How-To use HP iPAQ” on the SDAL website <http://www.uhh.hawaii.edu/~sdalhelp/tutorials.php>.
6. Battery life is about 8 hours and can be longer or shorter depending on use. To extend battery life, use the backlight less and put the GeoXT on standby when not in use. An external camcorder battery can be attached to the GeoXT to extend battery life when out in the field. Periodically check the battery by tapping the “F2” touch button.
7. Keep the GeoXT in the charger when not in use. Return the GeoXT fully charged to the Spatial Data Analysis Lab.
8. The GeoXT has three programs in which the GPS can be used: GPS controller, ArcPad, and TerraSync.
 - The GPS Controller will let the user view current location, satellite location, plan for best satellite location, but it will not allow the user to talk waypoints.
 - ArcPad can view current position, view satellite location, take waypoints, create lines, create area shape files, and locate for position on map. Only one GPS program can be used at a time.
 - TerraSync allows the user to view current position, view satellite location, plan for best satellite reception, make a waypoint, line, or area shape file.
9. The GPS requires a clear view of the sky in order to work properly.
10. The “How to use GPS controller” and “How to use GPS in ArcPad” and “Tutorial for TerraSync” are located on the SDAL website <http://www.uhh.hawaii.edu/~sdalhelp/tutorials.php>. There are also printouts located in the Spatial Data Analysis Lab EKH 273 A.
11. For more information on the basics of a GPS refer to the Trimble website. <http://www.trimble.com/gps/>.
12. For information on basics functions on ArcPad refer to “How-To use ArcPad” on the SDAL Website or Using ArcPad located in the Spatial Data Analysis Lab.