

## Tracker Xtreme – User Tips

This guide has been prepared to help you get the best performance from your Tracker Xtreme and also to help you fix some issues that might appear from time to time.

### Battery Life

The Tracker Xtreme comes standard with a 2500 mAh battery. Average run times will vary depending on many different factors but on average you should expect 12 – 16 hours of use.

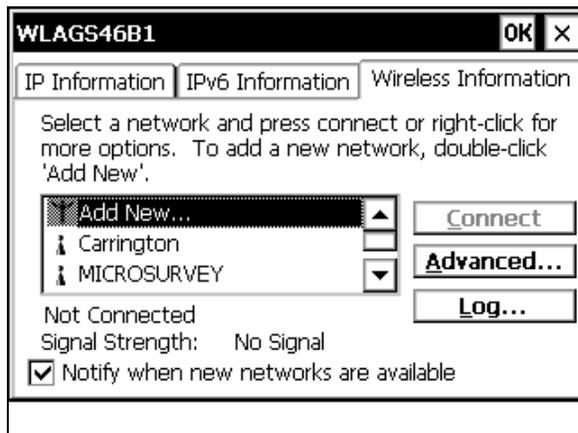
**Hardware Settings** - To help increase your battery life you should review the following settings on your Tracker Xtreme.

1. **Wireless Radio** – If you do not need to use the built-in wireless radio we suggest you disable it to conserve power. The Wi-Fi radio is very power demanding and can decrease the battery life to as little as 5 hours. Please refer to the Wireless Radio section for more details.
2. **Bluetooth Radio** - If you do not need to use the built-in Bluetooth radio we suggest you disable it to conserve power. Using the Bluetooth radio will decrease the battery life by 10% – 20%. Please refer to the Bluetooth Radio section for more details.
3. **Backlight Brightness** – We suggest you adjust this to a 25% brightness level to conserve power. In some situations you can turn the backlight off which can have a significant impact on battery life. Please refer to the Backlight Brightness section for more details.
4. **Power Suspend Mode** – We suggest you adjust these to help the Tracker conserve power. Please refer to the Power Suspend Mode section for more details.

**Environmental Factors** – Temperature can have a significant impact on battery life. In extreme cold temperatures, battery life can decrease by as much as 50%.

### Wireless Radio

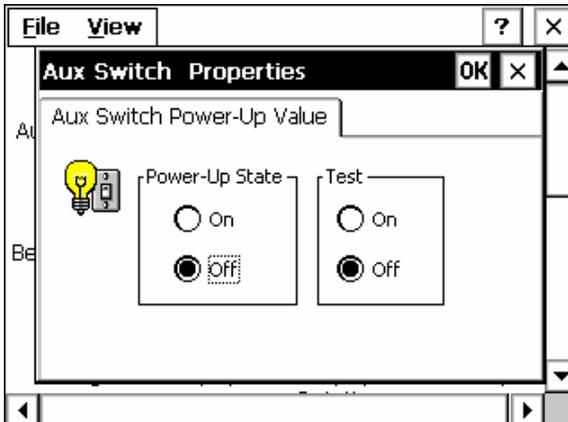
Your Tracker Xtreme is shipped with a built in wireless (Wi-Fi) radio. When this radio is enabled, upon power up you will see a screen appear allowing you to select a wireless network.



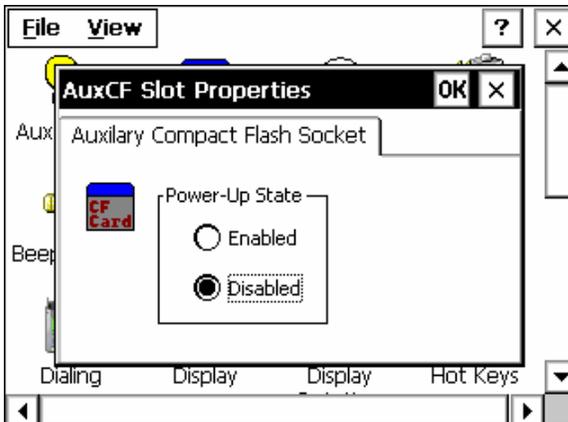
It is important to note that if the box “Notify when new networks are available” is unchecked it **will not disable** the wireless radio. All it does is stop the wireless radio from notifying you when new wireless networks are found. **If you do not need to use the wireless radio we suggest you turn it off.**

## Instructions for Turning off the Wireless Radio

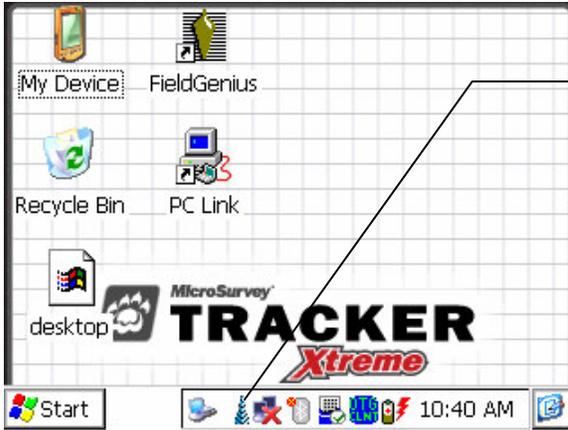
To turn it off go to **Start | Settings | Control Panel | Aux Switch**. In the Aux Switch screen, set the Power-Up and Test options to **Off**.



Next go to **Start | Settings | Control Panel | AuxCF Slot**. In the AuxCF Slot Properties screen, set the Power-Up State to **Disabled**.



Once these settings are changed you need to reboot the Tracker before the changes take effect.



If you see this icon, it indicates that the wireless radio is on. If you've disabled the radio successfully, you should not see the "tower" icon.

## Bluetooth Radio

Your Tracker Xtreme has a built in Bluetooth radio. The status of your Bluetooth radio can be determined by the Bluetooth icon on your taskbar.



A gray icon with a red "x" indicates that the Bluetooth radio is turned off.



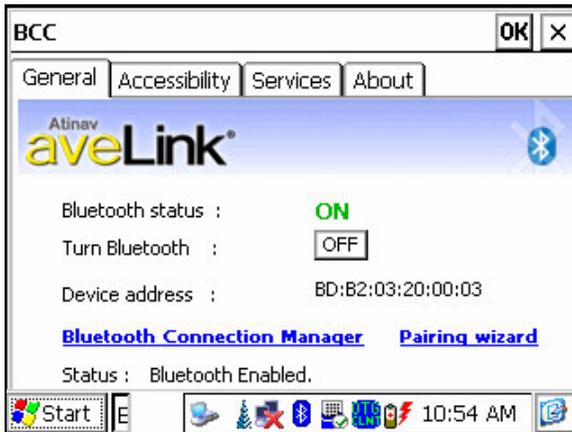
A solid blue icon indicates that the Bluetooth radio is turned on.

You can also get the status by tapping on the Bluetooth icon in the taskbar which will open the Bluetooth manager. Here you will see the status as being either On or Off.

**If you do not need to use the Bluetooth radio we suggest you turn it off.**

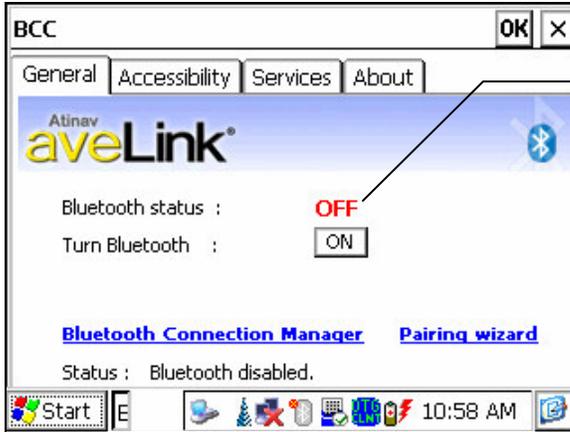
## Instructions for Turning off the Bluetooth Radio

1. To turn the radio off, simply tap the Bluetooth icon on your taskbar.
2. Once selected you will see the Bluetooth Manager screen.



On this screen press the **OFF** button.

3. You should now see the following:



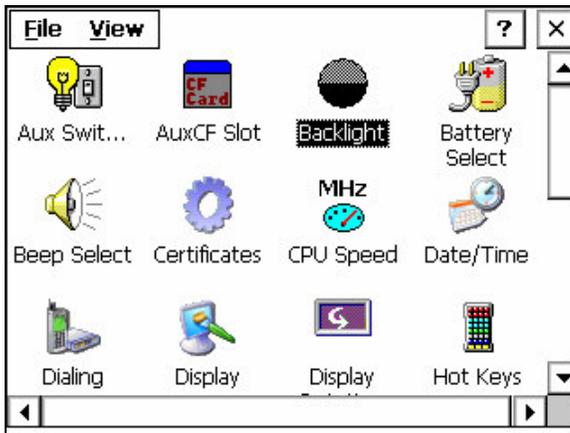
A Bluetooth status of OFF indicates that the radio is disabled.

## Backlight Brightness

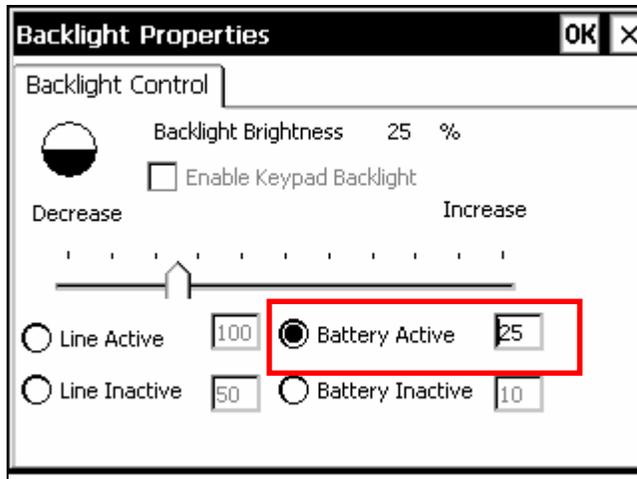
You can control the backlight brightness on your Tracker Xtreme. This setting can have a significant impact on battery life and we suggest you set it to 25% when using the battery.

To set or check your backlight brightness settings do the following:

1. Go to Start | Settings | Control Panel.
2. In Control Panel select the **Backlight** option.



3. In the Backlight Properties screen set the **Battery Active** setting to 25.

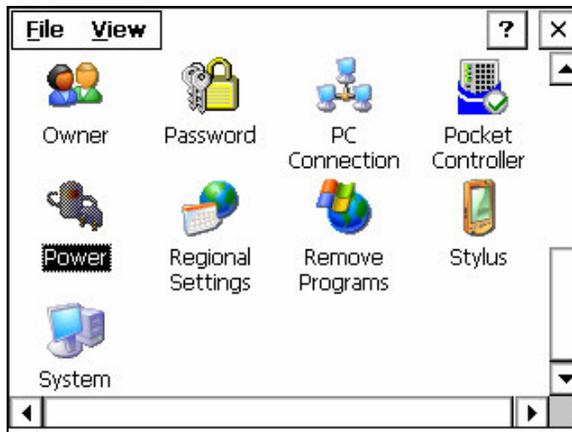


**Note:** In some situations you can turn the backlight off (0%) which will drastically improve battery life.

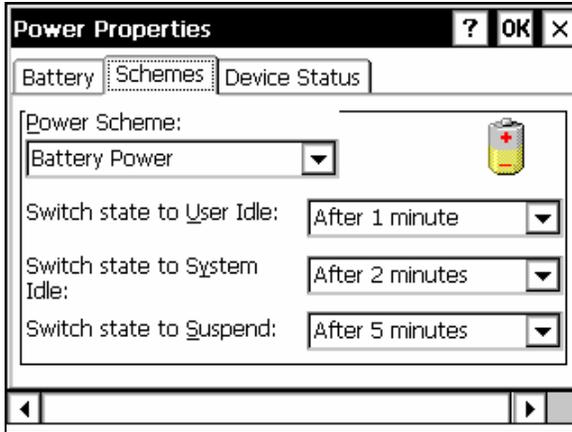
## Power Suspend Mode

You can control the time it takes your Tracker to switch to different power save modes. Using these options can improve your battery life.

1. Go to Start | Settings | Control Panel.
2. In Control Panel select the **Power** option.

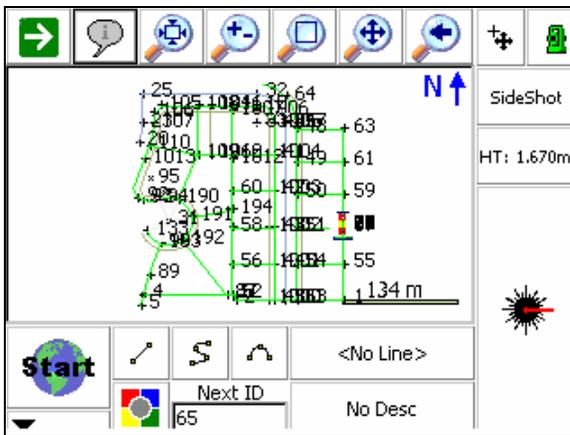


3. In the Power Properties screen click on the Schemes tab. In the Schemes page select the Battery Power Scheme from the drop down menu. We suggest you use the following settings:

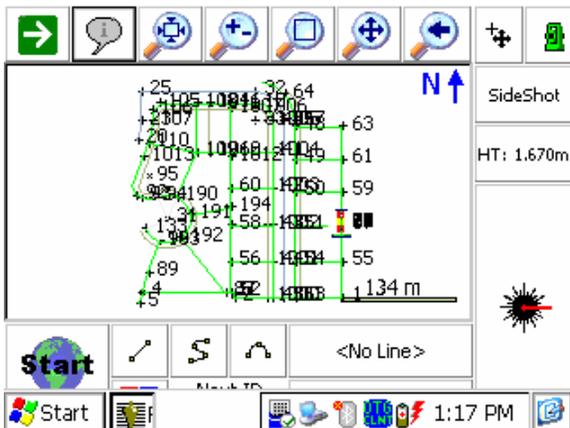


## Taskbar Auto Hide

The FieldGenius interface has been designed to use the entire screen. Prior to shipment, we change a setting that forces the taskbar to disappear. Your FieldGenius screen should look like this.

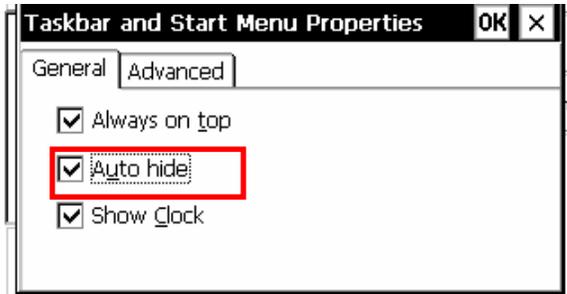


If you reset the registry in the Tracker, it will revert back to the default factory settings which are to always show the taskbar. When this happens the bottom screen in FieldGenius will be covered by the taskbar.



## Instructions to Hide the Windows Taskbar

1. Go to Windows Start | Settings | Taskbar and Start Menu.
2. In the Taskbar and Start Menu Properties screen, **turn on** the “Auto hide” option.



## Keypad Mapping Files

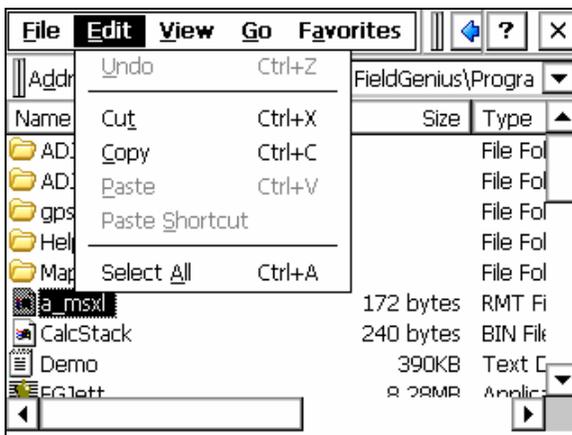
For your keypad keys to function properly, a key mapping file is used to configure what happens when the keys are pressed.

The key mapping files are placed on your Tracker prior to shipment and they're stored directly in the SystemCF directory.

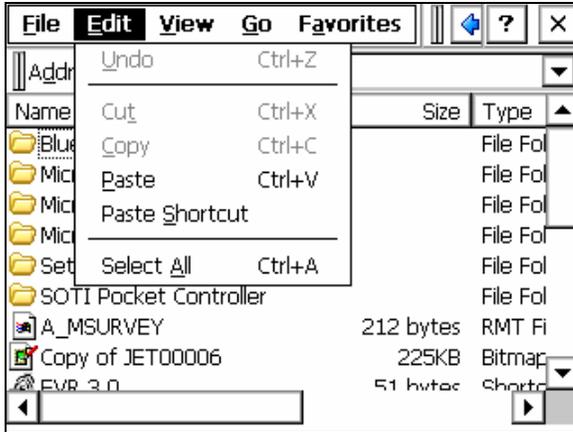
If the keypad mapping file is missing then the operating system reverts back to a default configuration which will not match the keypad layout on your Tracker Xtreme. To correct this you will need to do the following.

## Restoring Keypad Mapping Files

1. On the Tracker Desktop screen, double tap the My Device icon.
2. In the File Explorer window, browse to: SystemCF\MicroSurvey FieldGenius\Programs
3. In this directory highlight the file named **a\_msxl**. Then go to the Edit menu and press Copy.



4. Then browse back to the SystemCF directory.
5. Now go to the Edit menu and press Paste



6. Repeat steps 2 to 5 and copy a file named **FileCopy** and paste it in the SystemCF directory.
7. After you've copied the two files you will need to do a warm boot. You can do this by going to the Windows Start Menu | Programs | Tools | Warm Boot.
8. After the reboot your keys should work properly.