
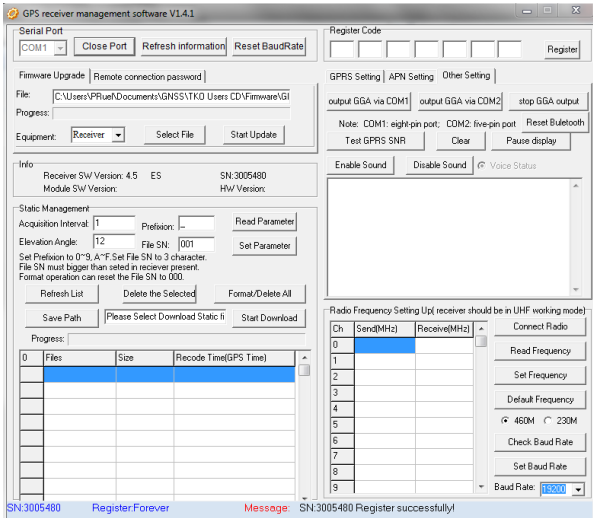
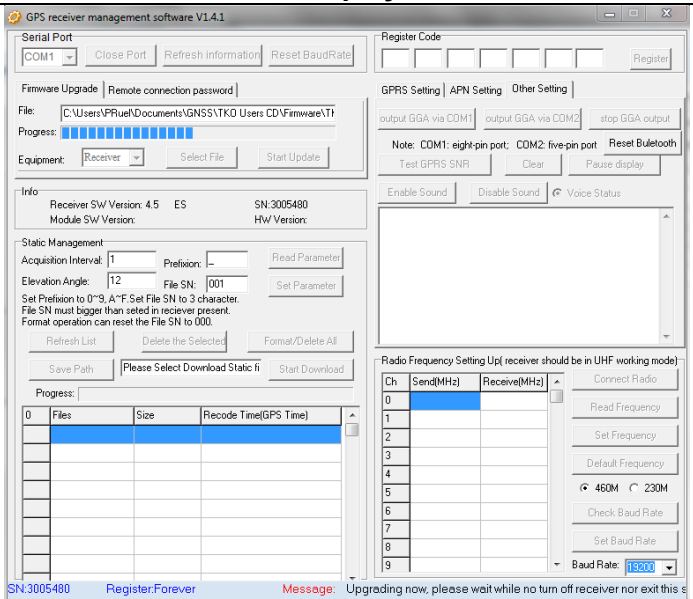
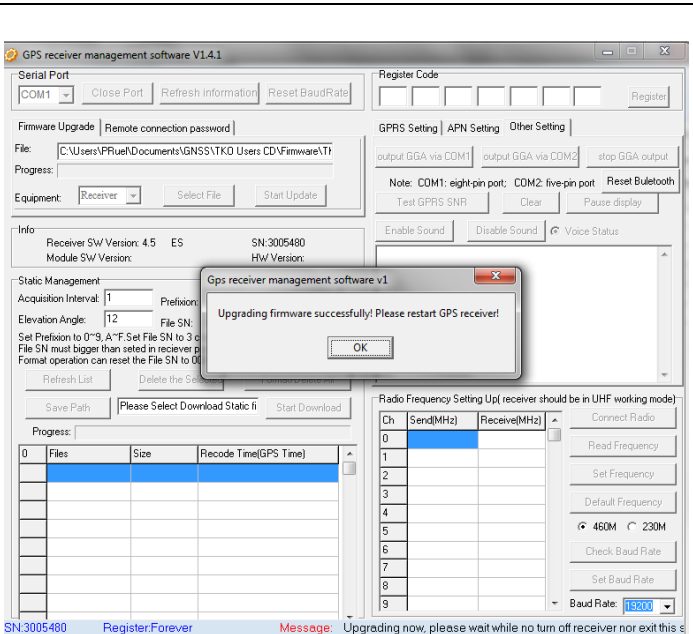


TKO Upgrading Firmware

Step	Action	Display
1	<p>In order to upgrade the firmware in the TKO receiver you must have the TKO Receiver Management Software.</p> <p>It can be downloaded here: http://www.egps.net/support-files/TKO-receiver/software/TKO%20Receiver%20Management%20Software%20V1.4.1.exe</p> <p>You can also download the Instrument firmware here: http://egps.net/support-files/TKO-receiver/firmware/TKO%20Receiver%20Firmware/TKO_RTKs_V52_Static.098.zip</p>	
2	<ul style="list-style-type: none"> • Connect your TKO receiver to the computer using the serial port on the “Y” cable that came with the system • IMPORTANT: You cannot use the USB cable at this time. • Make sure you have a Full Battery • Power the receiver on 	
3	<ul style="list-style-type: none"> • Run the GPS Receiver Management Software by double clicking the install link • Press the “OPEN PORT” button • You will see a message at the bottom of the screen showing your serial number and “REGISTER SUCCESSFULLY” • If not, contact eGPS Solutions 	

TKO Upgrading Firmware

Step	Action	Display
4	<ul style="list-style-type: none"> • Make sure the “EQUIPMENT TYPE” is set to “RECEIVER” • Press “SELECT FILE” • Navigate to and Select the Receiver Firmware you saved • TURN OFF THE RECEIEVR as it says in the Message at the bottom of the screen • Press “START UPDATE” • TURN ON THE RECEIVER as it says in the Message at the bottom of the screen • On the TKO the lights will blink in a chasing pattern and a BLUE BAR will show the progress 	 <p>The screenshot shows the 'GPS receiver management software V1.4.1' interface. The 'Firmware Upgrade' section is active, displaying a progress bar and a status message at the bottom: 'Message: Upgrading now, please wait while no turn off receiver nor exit this s'. The 'Info' section shows 'Receiver SW Version: 4.5 ES' and 'Module SW Version: SN:3005480 HW Version:'. The 'Radio Frequency Setting Up' section is also visible.</p>
5	<ul style="list-style-type: none"> • When the Lights stops blinking you will receive a message that the firmware has been upgraded • Press OK • Then turn Off the receiver by holding down the OFF Button • Power The receiver Back On • Hold down the F1 button for two “ding dongs” to reset the unit You will hear: “Test OEM OEM OK Reset OEM” • The Firmware has been upgraded 	 <p>The screenshot shows the same software interface as above, but with a dialog box overlaid in the center. The dialog box contains the text: 'Upgrading firmware successfully! Please restart GPS receiver!' and an 'OK' button. The background software interface is partially obscured by the dialog box.</p>