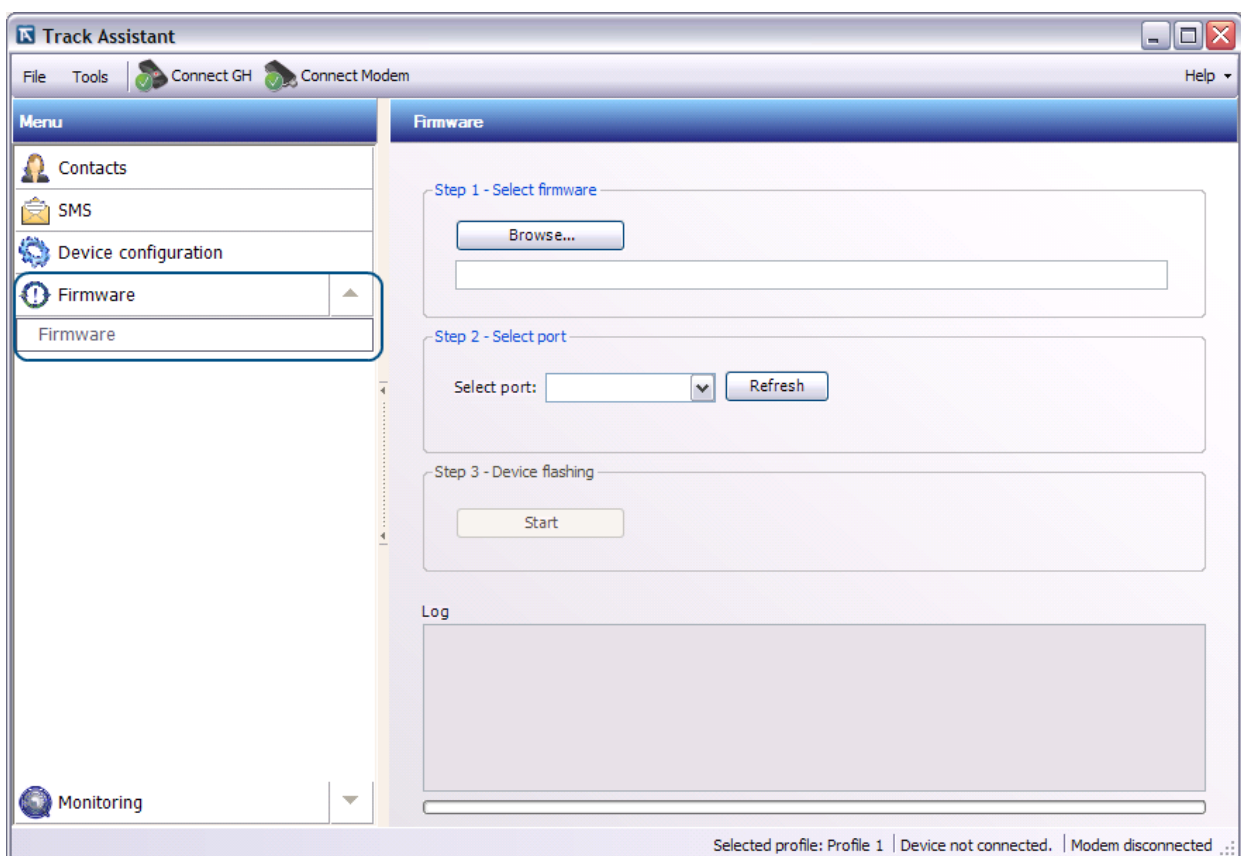


The simple guide how to successfully update GH3000 firmware

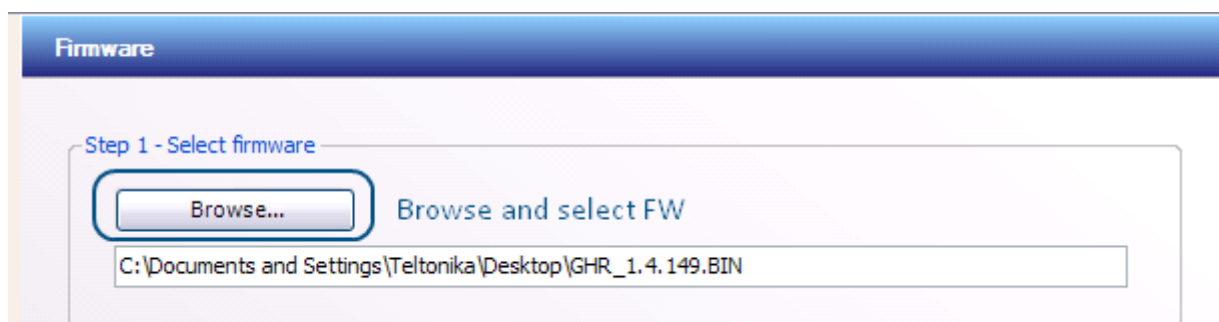
For firmware update You need :



- GH3000
- Track Assistant software
- Newest firmware version
- USB cable
- Paper clip

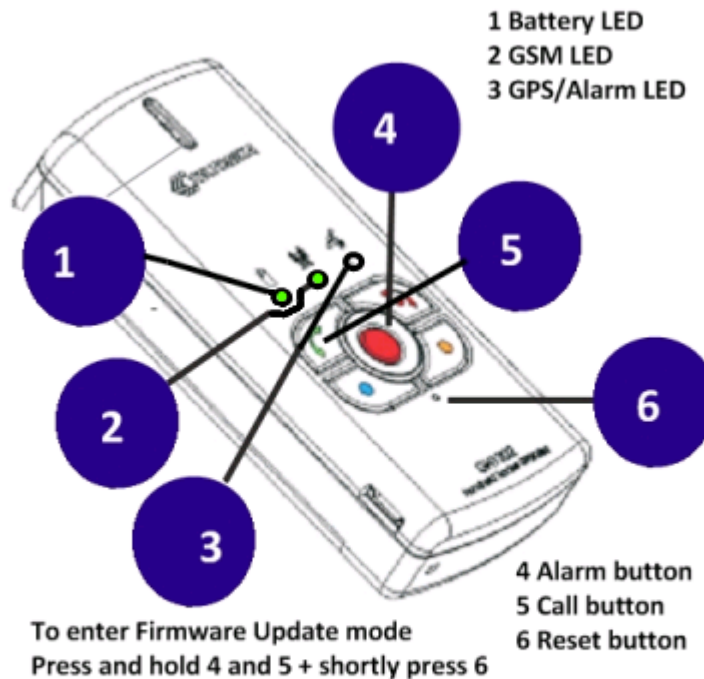
1. First of all open “Track Assistant” and choose Firmware' tab.









2. Connect GH3000 to computer via USB cable (do not connect GH3000 to “Track Assistant”).
3. Choose Firmware version which has to be installed.

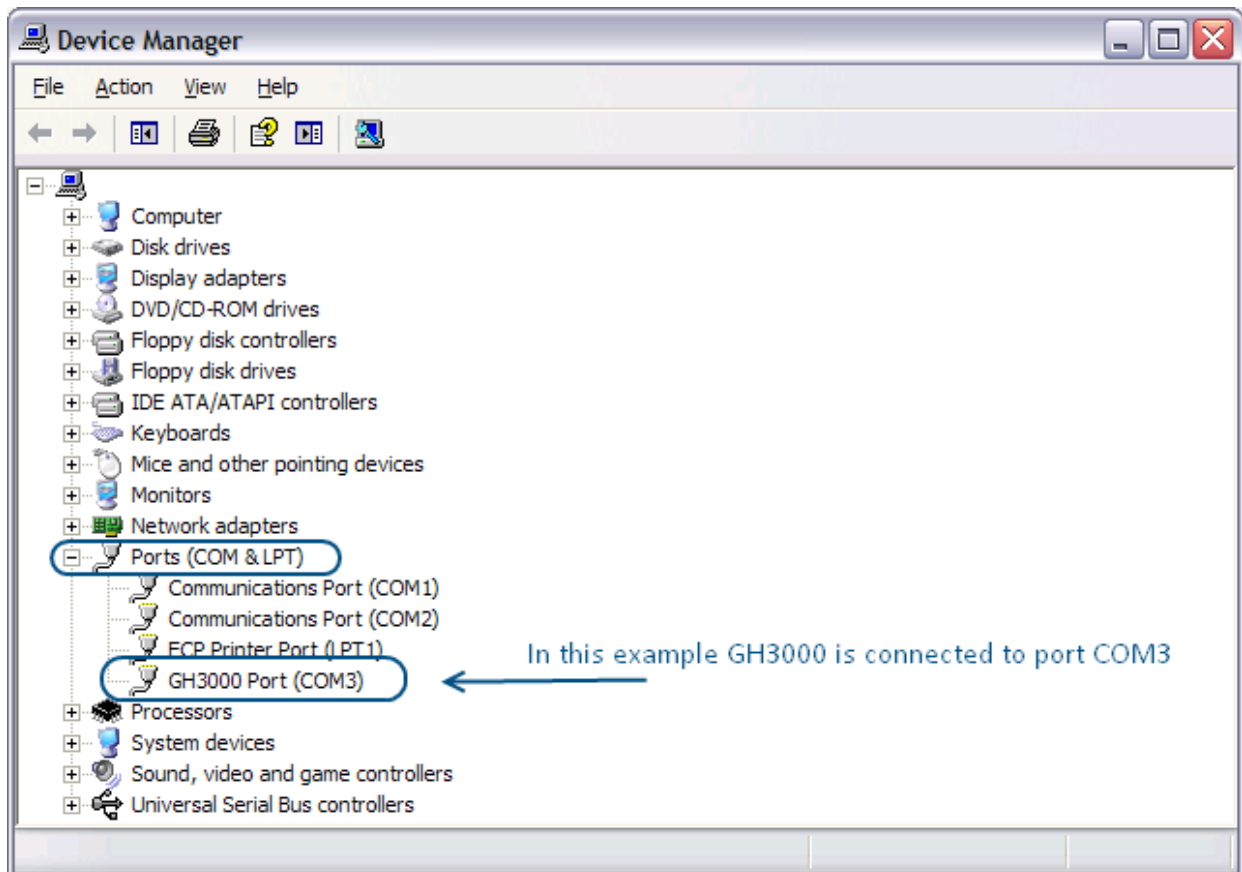


- Switch GH3000 to Firmware installation mode. To do this follow these steps :
 Press and hold green  and red - alarm  buttons at the same time. Then still holding these two keys shortly press reset button (You can use paper clip for this).
 Make sure GH3000 is in Firmware update mode. Battery's and GSM's LEDs should light up green.

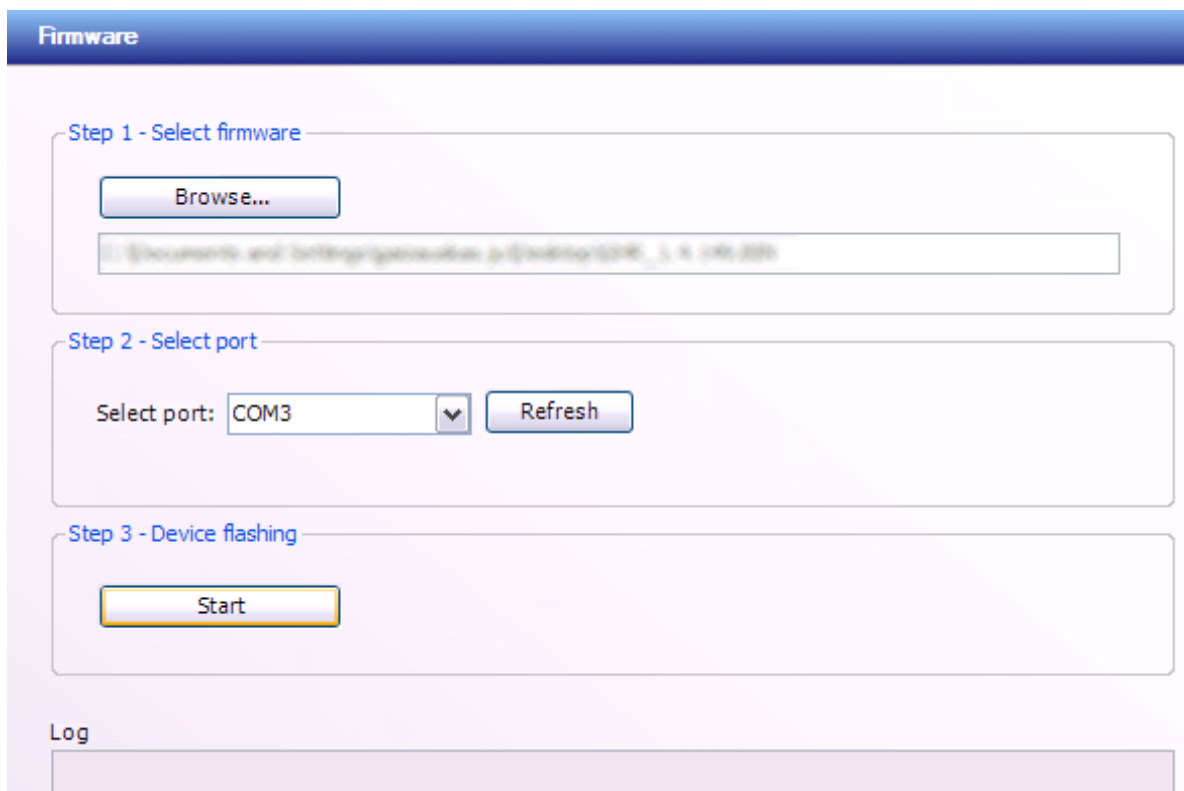


	 Battery	 GSM	 GPS/Alarm
Device is ready for firmware update			

- Select virtual port device is connected to. If port does not appear, try to reconnect device to PC or press 'refresh' button. To find out virtual port right click on 'My Computer', which is located on Your desktop and select properties. Select 'Hardware' tab and press on 'Device Manager'. Expand 'Ports' section and locate 'GH3000 Port'.



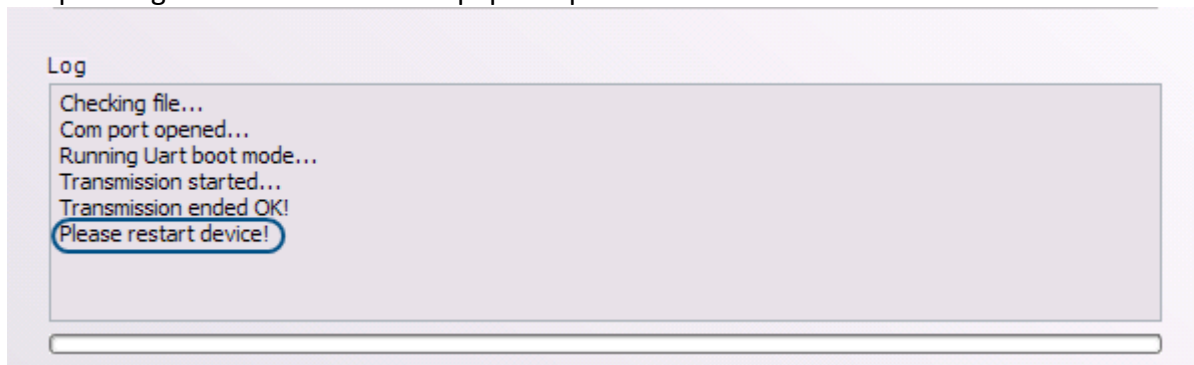
6. Click 'Start' button to begin Firmware installation if everything is as described.





Flashing process is being processed

7. Right after successful Firmware update You will be asked to reset device. Please do that by pressing reset button with the paper clip.



Also it's recommended, but not necessary to format device memory. This is simple guide how to do this.

1. First download "Free Serial Port Terminal" from here :
http://download.softpedia.com/dl/872a0ee3817d8b96bd571d369caadd8e/4bd15a14/100132377/software/system/Terminal_Setup_latest.exe
2. Install this software.
3. Close "Track Assistant" and open "Free Serial Port Terminal"
4. Select port GH3000 is connected to and 'Click 'Open'
5. Type these commands step by step :

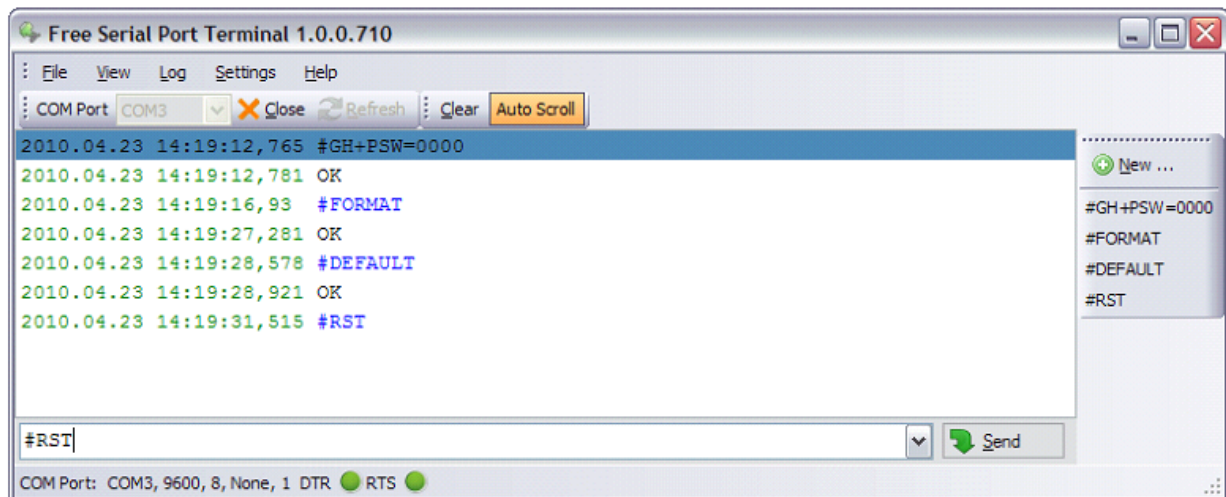
#GH+PSW=0000

#FORMAT

#DEFAULT

#RST



















Program should respond 'OK' to all the commands.




CONGRATULATIONS – Firmware update was successful !

You will find meaning of LED's indication and error solutions in the following page.

Indication

	 Battery	 GSM	 GPS/Alarm
Device is ready for firmware update			
Device is not ready for firmware update, USB data cable error			
Firmware update in progress			
Firmware successfully updated			
Firmware error! It is deleted or damaged			

Types of errors and their solution

	 Battery	 GSM	 GPS/Alarm
Firmware error! It is deleted or damaged			

In this situation, device must be reconnected to computer and Firmware should be updated again.