Firmware update manual

TELTONIKA

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.

🖸 Track Assistant	
File Tools 🔊 Connect GH 👧 Connect Mode	em Help -
Menu	Firmware
Contacts Contacts SMS Contacts Firmware	Step 1 - Select firmware Browse
Firmware	Step 2 - Select port Select port: Y Refresh Step 3 - Device flashing Start
	Log
Monitoring 🗸 🗸	
	Selected profile: Profile 1 Device not connected. Modem disconnected

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

Firmware	
Step 1 - Select firmware	
Browse Browse and select FV	v
C:\Documents and Settings\Teltonika\Desktop\GHR 1.4.	149.BIN

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 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.



5. 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'.

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B Device Manager	
<u>Eile Action View Help</u>	
Computer Disk drives Display adapters DVD/CD-ROM drives Floppy disk controllers Floppy disk drives DE ATA/ATAPI controllers Floppy disk drives DE ATA/ATAPI controllers Keyboards Mice and other pointing devices Monitors Network adapters Ports (COM & LPT) Communications Port (COM1) Communications Port (COM2) FCP Printer Port (IPT1) GR3000 Port (COM3) Communications Port (COM3)	3
System devices Sound, video and game controllers Universal Serial Bus controllers	

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

Firmware				
Step 1 - Selec	firmware			
Bro	wse			
II. Shouse	na eré lattergi gelandra.	p. (pressource_).	100.000	
Step 2 - Selec	port			
Select port	СОМЗ	Refresh		
Step 3 - Devic	: flashing			
	tart			
Log				

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-Step 3 - Device flashing	
Start	
Log	
Checking file Com port opened Running Uart boot mode Transmission started	

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.

hecking file		
om port opened		
inning Uart boot mode		
ransmission ended OK!		
lease restart device!)		

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

- First download "Free Serial Port Terminal" from here : http://download.softpedia.com/dl/872a0ee3817d8b96bd571d369caadd8e/4bd15a14/100 132377/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.

Serial Port Terminal 1.0.0.710	_ 🗆 🔀
: <u>File View Log Settings H</u> elp	
🗄 COM Port COM3 🔽 🔀 Qose 🧭 Refresh 🕴 Qlear Auto Scroll	
2010.04.23 14:19:12,765 #GH+PSW=0000 2010.04.23 14:19:12,781 OK	<u> </u>
2010.04.23 14:19:16,93 #FORMAT 2010.04.23 14:19:27,281 OK 2010.04.23 14:19:28,578 #DEFAULT	#GH+PSW=0000 #FORMAT
2010.04.23 14:19:28,921 OK 2010.04.23 14:19:31,515 #RST	#RST
#RST ▼ Send	
COM Port: COM3, 9600, 8, None, 1 DTR 🧶 RTS 🥥	

CONGRATULATIONS - Firmware update was successful !

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

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Indication

	Baterry	🕲 gem	GPS/Alarm
Device is ready for firmvare update	*	*	۲
Device is not ready for firmvare update, USB data cable error	*	*	0
Firmware update in progress	*	*	0
Firmware successfully updated	*	*	*
Firmware error! It is deleted or damaged	*	*	*

Types of errors and their solution

	Baterry	🛞 сем	SPS/Alarm
Firmware error! It is deleted or damaged	*	<u>*</u>	<u>*</u>

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