

UPGRADING THE FIRMWARE

The version of your GL820's firmware can be upgraded by rewriting the flash ROM on the pertinent circuit boards. You can upgrade the firmware by loading the update program to a USB memory device.

Note for the firmware upgrading

- Save the measuring condition to the internal memory or the USB memory before the firmware upgrade.
- Don't turn off the power during upgrading the firmware.

How to Upgrade the GL820 Flash ROM from the USB memory device

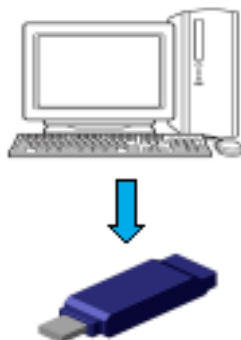
Preparations for the upgrade

Firmware :MainVerxxxRevxxxxAxx.GL820← Main Program file for GL820

:PatternVerxxxRevxxxxAxx.GL820← Font file for GL820

(The PatternVerxxxRevxxxxAxx.GL820 is not necessity to have, if there is not updated file.)

- (1) Connect the AC adapter for the GL820.
- (2) Turn on the GL820.
- (3) Copy the firmware file to a USB memory device from the computer.
(Copy the firmware file to root directory of a USB memory. Do not copy them to any folder.)



How to upgrade

- (1) Insert the USB memory device containing the main upgrade program into the GL800's USB port.



- (2) Turn on the GL820 to display the menu below.
And then select the upgrade program file by using the [UP Arrow] direction key or the [Down Arrow] direction key.

```
Flash-ROM Update
[Current Infomation]

MAIN      ROM Version : 1.00
Suffix    :
PATTERN   ROM Version : 1.00
Suffix    :

----- Select File -----
UP       : Select Upper File
DOWN     : Select Upper File
ENTER    : Start Update

MainVer100Rev0001A00.GL820
PatternVer100Rev0001A01.GL820

[ File Information ]

ID : GRAPHTEC GL820 MAIN ROM
Version : 1.00 A00
```

- (3) Press [ENTER] key to execute the upgrade.
(4) Wait until the display shown below appears or until the beeper sound stops.

Note:

Don't turn off the GL820 until this process is finished.

The following message will appear on the GL820 display in yellow characters when the upgrade is complete. Also the beeper will sound for 5 seconds.

“Please Turn Off the Power. I have locked up.”

```
Flash-ROM Update

MainVer100Rev0001A00.GL820
PatternVer100Rev0001A01.GL820

[ File Information ]

ID : GRAPHTEC GL820 MAIN ROM
Version : 1.00 A00
Reading ROM Data . . . .
-----+103808
Start ROM Update Sequence.
Checking ROM Signature . . . .
---Erase---
*****Complet
e.
---Write---
*****Complet
e.
ROM Update Complete!!

Please Turn Off Power. --- I have locked up.
```

- (5) Turn off the power to the GL820 when the above message is displayed or when the beeper sound stops.
- (6) Delete the firmware files from a USB memory device.
This is to avoid upgrading the firmware by mistake.