

February 24, 2022

GL840 midi LOGGER

Version 1.63

Release date: February 24, 2022

- Fixed problem
 1. OS went down when the web server function received illegal access from the network.
 2. New connections could not establish when many connections overlapped on a slow line.

Version 1.62

Release date: October 26, 2021

- Modification
 1. Moved the data buffer in USB drive mode to the cache area and changed to CPU transfer.
- Fixed problem
 1. Transmission using Gmail/Yahoo! mail was not possible on a slow throughput line.
 2. When the settings for stop trigger, backup, and repeat functions were all set to ON, then if the recording was started by using key and it was becoming a remote status, the backup stopped at the % display during repeat operation.
 3. Corrected the display of "SD card cannot be removed or switched" in Korean to "SD card can be removed or switched".

Version 1.61

Release date: March 23, 2021

- Modification
 1. Added information for printing to the header on the backup data.
 2. Added ON/OFF information of WL(Wireless LAN)/RT(Remote) units to the backup for CSV format.
- Fixed problem
 1. When it ended the replay of CSV-formatted data with the cursor positioned at the end point and opened the same file again, the disk error occurred.
 2. If the first CHWLx-1 of each WL unit is set to OFF and backup is performed, there is an error in the order part of the header on the backup side and it is not replayed.

3. When relay recording is performed in a configuration including RT, the trigger time stamp may shift when switching the relay files.

For this update, the pattern file needs to update to the PatternVer110Rev0001A00.GL840 together.

Version 1.60**Release date: February 8, 2021**

- Modification

1. Corresponded to GLT400.

For this update, the pattern file needs to update to the PatternVer110Rev0001A00.GL840 together.

Version 1.54**Release date: September 29, 2020**

- Modification

1. The C type Thermocouple was added for the TC-W Thermocouple.

- Fixed problem

1. The logic trigger setting did not save or load correctly.

Version 1.53**Release date: July 7, 2020**

- Fixed problem

1. When turn on the power, the GL840 took a time to read in files.
2. When the CSV format of back up function is on, the menu of SD2 card replacing was displayed. When the CSV format of back up function is on, the SD 2 card replacing is disabled.
3. The display of periodic notification in “E-mail send” setting for the “Specified interval” was corrected to the “Specified time”.

Version 1.52**Release date: April 7, 2020**

- Fixed problem

1. When the data was recorded as CSV format with the humidity of 500 degree range, then replayed, it was displayed as “++++++”.

Version 1.51**Release date: November 19, 2019**

- Fixed problem

1. When it is accessing to the GL840, a part of client was not able to login on the FTP server of GL840.

2. When the control software is transferring data and then the communication was disconnected several times, sometimes the transferring data function was not worked.
3. The unit of SCALE command was not EU unit for the temperature EUOFF.
4. The relay setting of I/F command was possible to set, even if the remaining memory capacity was not enough.
5. When the remaining disk capacity of FTP server does not have, the problem of back up fail for the FTP serve corrected.
6. The completed message of firmware update was corrected.

Version 1.50**Release date: July 23, 2019**

- Modification
 1. Corresponded to the optional thermal printer.
- Fixed problem
 1. When the GL840 is connecting to bad condition of LAN and data download was failed several times, the data download function and the web server function were not working correctly.
 2. When the data lost occurred while the application software is receiving data by real time, the GL840 supplements a data, but when the communication error occurred, it did not work.
 3. The “External Sampling” in the data menu was displaying as “Sampling”.

Version 1.44**Release date: May 28, 2019**

- Modification
 1. The delete function for the recoded file added when it backed up successfully to FTP server.
 2. The file switch function was added to the file size/recoding time of the relay recoding.
- Fixed problem
 1. The E-mail could not send to the mail server (Office365 etc.), when the SSL corresponding mail server requests certificate.

Version 1.43**Release date: January 30, 2019**

- Modification
 1. The check sum function was added.
- Fixed problem

1. When the result of between cursor statistics calculation saved as CSV file and the replaying data was saving at the following setting, the extension of file became the ".CND".

The file name is space and it is saving with consecutive numbers.

Version 1.42

This version was not released.

Version 1.41

Release date: October 10, 2018

- Fixed problem
 1. When the GL840 was connecting with the LAN, the LAN communication stopped when the GL840 received many packet data at one time.

Version 1.40

Release date: August 29, 2018

- Modification
 1. Corresponded to the GRM-ONE.

Version 1.32

Release date: May 30, 2018

- Modification
 1. The backup function was added for the recording of CSV format.
 2. The stability of wireless LAN for FTP transfer was improved.
 3. The Web displaying file-downloading function corresponded for the Google Chrome.

Version 1.31

Release date: March 28, 2018

- Modification
 1. Several units were added to the scaling function for USA user.
(in, ft, sq in, sq ft, etc.)
- Fixed problem
 1. There was wrong message on AMP menu of German.
ON and OFF was opposite in some menu.
 2. Sometimes the data transfer stopped when the data was sent with 1 character per 1 packet at the USB transfer.
 3. The OS system was downed when the I/F command of
":MEAS:OUTP:ORDER?" sent to GL840 about 8000 times.

(This command is not using for the APS of Graphtec.)

4. The E-mail was not sent when the SMTP user name was space and the certification method was not the SMTP-AUTH.

Version 1.30**Release date: February 28, 2018**

- Fixed problem
 1. When GS sensors (GS-ACxxA, GS-LXUV, GS-4VT, and GS-4TSR) are connected to the GL840s directly through the GS input slot while there is no battery installed on the main unit, measurement values taken by the GS sensors freeze after several hours. This version firmware fixes this issue.

Version 1.29**Release date: October 11, 2017**

- Modification
 1. In rare case the GL100 could not detect correctly by the GL840 when they are connected with the wireless LAN communication.
Note: The firmware of GL100 must update to the later than V1.30 when the GL100 is connecting to the GL840 via the wireless LAN.

Version 1.28**Release date: August 30, 2017**

- Modification
 1. The interval of the temperature compensation shortened.
When the room temperature is changed fast, this will stabilize the measuring of temperature.

Version 1.27**Release date: July 19, 2017**

- Modification
 1. The SD1 slot type is shown in the start up menu after the power was turned on, which displays the fixed model or the non fixed model.

Version 1.26**Release date: June 28, 2017**

- Fixed problem
 1. Sometimes the data was not saved correctly when the CSV data was saved during recoding with two divided display mode.

Version 1.25**Release date: May 10, 2017**

- Fixed problem

1. The data over wrote if file size exceed 2 G bytes when the Ring/Relay capturing mode.

Version 1.24**Release date: November 16, 2016**

- Fixed problem
 1. Chinese menu of select of relay ring was corrected.
 2. The sequential number file name was made after the power was turned again even if the file name was made with any name.
 3. Multiple pulse and logic channels was displayed, when the more than 40 channels are connected for all WEB Digital displaying.
 4. The LAN communication stopped when the GL840 was connected to the narrow line of LAN environment when the receiving buffer becomes empty.
 5. The folder name of auto folder was not memorized when the auto file name method is "Cursor to Cursor" statistics calculation.
 6. The span did not effect correctly when the range is changed and the scaling is ON.
 7. The limit was not working even if the A/D value is over 10% of FS (full scale) when the range is changed and the scaling is ON.

Version 1.23**Release date: August 3, 2016**

- Fixed problem
 1. The Fahrenheit temperature was not displayed correctly when the PT100 or JPT100 is selecting.

Version 1.22**Release date: July 6, 2016**

- Fixed problem
 1. Communication to the WL-Sensor was improved.
(Time out was set for the Close.)

Version 1.21**Release date: May 11, 2016**

- Modification
 1. Corresponded to the GL-Connection.
The GL-Connection must update to later than V1.80.

Version 1.20**Release date: March 30, 2016**

- Modification

1. Corresponded to the Fixed SD card slot 1 model.
- Fixed problem
 1. Some of Spanish menus were corrected.

Version 1.13**Release date: February 17, 2016**

- Modification
 1. The judgment of AC/Battery connecting condition displaying was improved.

Version 1.12**This version was not released.**

- Fixed problem
 1. The GL840 became to the free running mode when the connection error occurred with WLAN during recording by the GL100_240_840-APS.
 2. Sometimes the system of GL840 was downed when the big size of data is sending via the TCP/IP.
 3. The system of GL840 was downed when the data transferring via the FTP protocol.
 4. The range of Alarm Trigger was corrected for the temperature range of 500/100 degree C.
 5. The web was not displayed when it is access by the host name when the URL was registered to the DDNS as to display the web name.
 6. It needed a time until correct temperature was displayed when the temperature was measuring with slow sampling speed at multi channels.

Version 1.11**Release date: December 2, 2015**

- Modification
 1. The restart time for the network was improved.
- Fixed problem
 1. The pulse counter could not count more than 5 sec when the sampling speed was slower than 10 sec.
 2. The URL of FTP server replied by Wired LAN address when it is accessed by the FTP of Web server from the wireless LAN.

Version 1.10**Release date: November 5, 2015**

- Modification

1. The Accumulated Integration Graph (Stacked column chart) Display function was added.
 2. The following web browsers were added for the web display function.
Chrome, Safari, Opera
 3. The Light Source Setting function was added for the LXUV sensor.
- Fixed problem
 1. The I/F Command set the 1/10 value for the following settings.
Accumulated CH the Span settings, Trigger Level settings, Alarm level settings

Version 1.00

Release date: June 5, 2015

- Initial version