

Thank you very much for buying this GRAPHTEC product.

This product is a stand-alone module for recording. Please use it by installing it on the main module.

These directions describe preparations and cautions before measurement.

For the details concerning operation procedures etc., read the User's manual recorded on the CD-ROM (included with the main module)

**Confirmation of the exterior**

After opening the package, please confirm that there are no problems (scratches and dirt) on the exterior before use.

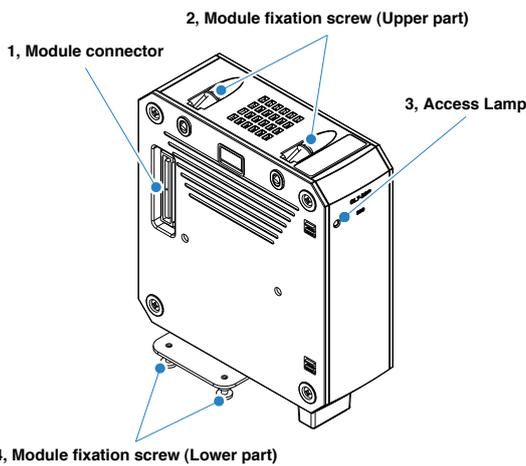
**Confirmation of the attached items.**

• User's manual (this book): 1  
If by any chance faults are found, please contact the store where you bought the item.

\* Please note that items mentioned in this book may change without prior notice.

**1 Part Names**

Explanation of the module's part names and functions.



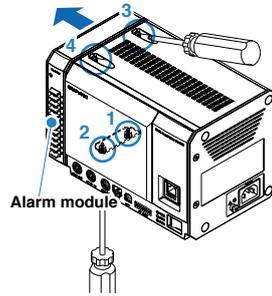
- 1, **Module connector**..... Connector for connecting all kinds of modules.
- 2, **Module fixation screw**..... Fixation screw for the adjoining module. (Upper part)  
To prevent drop off, do not remove from the module.
- 3, **Access Lamp**..... During data access, it lights up green. (Not lit, when normal operation)  
\* Please do not turn off the power when it's lit up.
- 4, **Module fixation screw**..... Fixation screw for the adjoining module. (Lower part)

**2 How to Install Module**

This explains how to attach the module to the main module.

**CAUTION** When installing or removing the module, please make sure that the power is off.

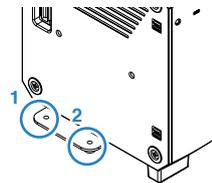
- 1, Remove the fixation screws (4 places on the upper part and lower parts), place the alarm module parallel to the main module and slide it in the direction of the arrow.



- (1) Remove the fixation screws from the 2 places on the lower part.
- (2) Loosen the drop-off prevention screws on the upper part in 2 places.
- (3) Removing the alarm module.

**CAUTION**  
Slide it in the direction of the arrow. If you pry it at an angle there is a risk of damaging the connector.

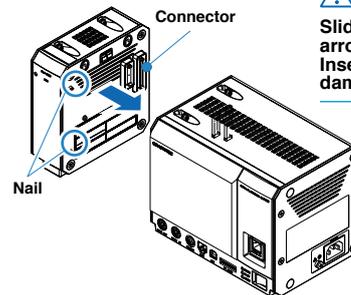
- 2, Remove the SSD module's fixation screws (2 places on the lower part).



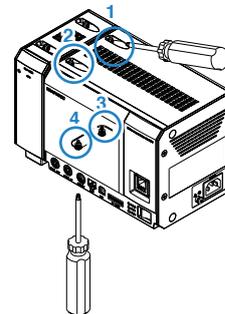
- 3, Slide the SSD module parallel to the main module and connect the connector.

\* SSD module must be connected to main module.

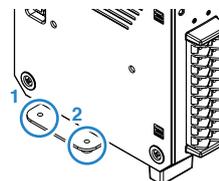
**CAUTION**  
Slide it in the direction of the arrow. Inserting it at an angle may cause damage to the nails.



- 4, Fix the SSD module and the main module in place with the screws. (4 places on the upper and lower parts)



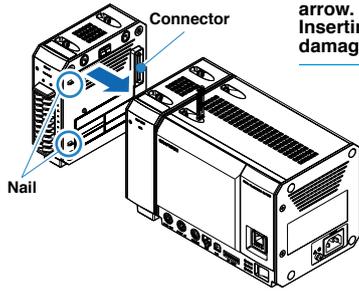
- 5, Remove the amplifier module's fixation screws. (2 places on the lower part)  
(Here, we explain using the Voltage Module as an example)



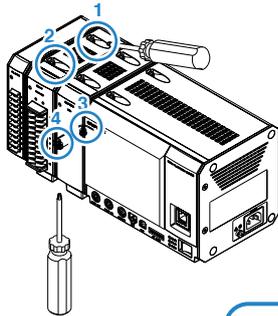
6, Slide the amplifier module parallel to the main module main module and connect the connector, and in the same way connect the SSD module with the fixation screws. (4 places on the upper and lower part)

**CAUTION**

Slide it in the direction of the arrow. Inserting it at an angle may cause damage to the nails.



7, Similarly, install the alarm module on the last part and fix it with screws.



During installation, a 4kgf.cm screw tightening torque is recommended.

### 3 Formats

For first time use, please format the SSD. This explains the formatting procedures.

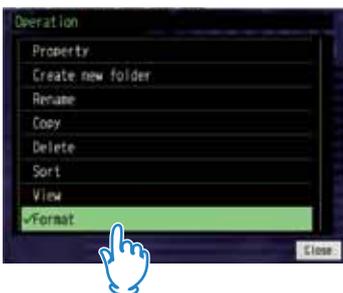
\* For details on operations, etc., please refer to the User's manual recorded on the CD-ROM (included with the main module main module)

**When using the display module**

1, Choose "File Operations" under "File" on the home screen.



2, When the File Operations screen is shown, select "Format" from "Operations".



3, When it returns to the File operations screen, choose "SSD Module" to execute.

When a message like the one in the chart below is shown, select "Yes".



\* The formatting process can take several minutes.

**When using the application software GLConfig**

- 1, After connecting between the module and PC using USB, turn on the power of the module. (You must have installed the USB driver previously. For more information about installing the USB driver, see the User's manual of the USB driver included CD-ROM.)
- 2, Using "Start" on the Windows OS, select "All Programs" → Graphtec → GL-Connection → GLConfig to start the GLConfig. (When using Windows 7)
- 3, Press "Load" button to connect to the module. Select "SSD Module" in the items of the initialization, and then press "Execute" button.



- 4, "Do you want to format?" message is displayed. Select <OK>. "Initializing" message is displayed. When the formatting is completed, the following screen is displayed. (It may take a long time to format depending on the contents of the drive.)



### 4 Specifications

**GL7-SSD (SSD Module) specifications**

Item	Contents
SSD	2.5" SSD HDD (SATA I/F)
Recording capacity	Approx. 64GB (However, 1 file can be up to 2GB in size)
Sampling interval	Module 1 to 2: 1μs at the fastest Module 3 to 4: 2μs at the fastest Module 5 to 10: 5μs at the fastest * Depending on the amplifier in use, there may be limitations to the sampling interval. * The fastest amplification is limited to the amplifier in use. * If a sampling interval that exceeds the fastest speed on each amplifier is set, the sampling is set to each amplifiers' fastest speed, and the same data is recorded for that interval.
External dimensions [WxDxH] (approximate)	49.2 × 136 × 160 mm (not including protruding parts)
Weight	770g
Vibration proof	Automobile parts Type 1 Class A equivalent

\* Depending on the state of fragmentation of the SSD, there may be cases where the sampling rate won't be written on time. (A message will be displayed during recording) If this sort of event occurs, please backup important data to another media and format the SSD.