



### HV GL2000 MIDI LOGGER

High-speed High-Voltage Isolated 4 channel Data Logger

CAT III compatible High voltage and true-RMS measurement

High speed 1 MS/s simultaneous sampling with voltage and temperature measurement

<b>Voltage</b>	20 mV to 1000 V DC, 1-5 V DC 10 mV to 1000 V rms	<b>Pulse</b>	4 channels (*1) Accumulating, instant or RPM
<b>Temp</b>	Thermocouples: K, J, E, T, R, S, B, N, W (WRe5-26)		
<b>Humidity</b>	0 to 100% (the B-530 option is required)	<b>Logic</b>	4 channels (*1)

Safer input terminal

Isolated BNC and screw terminal for each channel



Available input signal cable

Isolated Banana - BNC (High voltage) KA-BNC-BA4 (1000 V DC, CAT II 600 V, CAT III)	Clip, Alligator (middle) ADAPAK2B-SB4(*2) (300 V, CAT II)	Input/Output cable for GL series B-513	Humidity sensor B-530
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\*1: Select either Pulse input or Logic input, and use the optional input/output cable for GL (B-513 option).  
 \*2: Use with KA-BNC-BA4.  
 \*3: Max measurement voltage: 600 V DC or 600 V rms  
 \*4: Numbers are approximate and under the following conditions.  
 · Using 4 channels of analog input only and data is saved as a GBD file.  
 · External memory device is set to SD flash memory card or USB flash memory with 8 GB or more data capacity.  
 · File size of captured data is up to 4 GB.

Corresponds to CAT III 600 and 600 V rms measurement

Supports CAT III 600 V measurement category and can measure voltage fluctuation on power line for peak to peak and RMS measurements. Voltage range up to 1000 V at DC and rms value (\*3)



Additional memory function

Long term recording capability 4 M sample/ch built-in RAM and 4 GB built-in Flash memory. Continuous measurement supports up to 4 GB per file.

Memory type (*2)s	1MS/s (1μs)	100kS/s (10μs)	1kS/s (1ms)	1S/s (1s)
Built-in RAM (4 M samples/ch)	4 seconds	40 seconds	66 minutes	46 days
Built-in Flash memory (3.9 GB)	N/A	N/A	3 days 19 hrs	Over 1 year
External memory (SD/USB Flash memory)	N/A	N/A	4 days 3 hrs	Over 1 year

Large built-in RAM (4 million samples per channel) Built-in RAM can divide into 1, 2, 4, or 8 blocks supporting continuous high-speed recording measurement with auto backup on the internal flash memory or USB.

Dual external recording available through USB and SD Card Flash memory

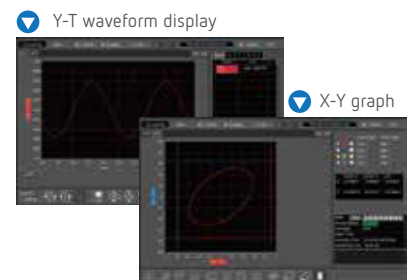
Both the USB Flash memory device and the SD Flash memory card can be used as external storage device for captured data.

High performance and easy to use software for PC

Standard software: GL 980\_2000-APS

- Easy connection made possible with automatic search function for connected device.
- Multiple display format using Y-T graph, X-Y graph and digital values.
- Supports real time data transfer up to 1 ms sampling interval. Captured data from the built-in RAM can also be displayed.
- Captured data saved in binary format can convert to CSV format.

Functions
Configure GL unit
Control GL unit
Real-time data display
Replay saved data
Data format conversion





Main unit specifications table with columns: Item, Description. Includes sections for Analog input specifications, External input/output specifications, and Software specifications.

Analog input specifications table with columns: Item, Description. Details include input terminal type, input method, sampling speed, and measurement range.

External input/output specifications table with columns: Item, Description. Details include input signal specifications, logic measurement, pulse measurement, and external trigger input.

Software specifications table with columns: Item, Description. Details include model name, supported OS, functions, supported device, settings control, and displayed information.

Options and Accessories table with columns: Item, Model number, Description. Lists various accessories like battery packs, cables, and sensors.

- \*1: Select either Logic input (4 channels) or Pulse input (4 channels), select either external Trigger input or Sampling input. Required Input/Output cable for GL series (B-513) option for connecting signal.

- Due to the possibility of equipment or PC failure, the data files on the instrument are not guaranteed to hold memory. Please make a backup of data whenever possible to avoid data loss.

Use equipment correctly and safely! Use only in accordance with product's user manual. To avoid malfunction or an electric shock by current leakage or voltage, please ensure ground connection and use according to the specifications.

The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification.

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