

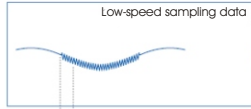


GRAPHTEC

GL500A

High & Low Speed Versatile Data Recorder

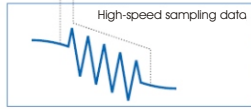
DATA CAPTURE AT NORMAL SPEED



For current data Data is capture to the 4-MB internal memory or to a PCMCIA card

		1ms	100ms	10s
Data capture conditions	4-MB Internal Memory	Approx. 3 minutes	Approx. 5 hours	Approx. 23 days
	64-MB PCMCIA card	Approx. 53 minutes	Approx. 3 days	Approx. 370 days

CAPTURES TRANSIENTS AND VOLTAGE OUTBURSTS



For event data Data is capture to the 32-MB internal memory.

		2µs	5µs	10µs	20µs	1ms
When limited to 1 ch	Approx.	6.4 seconds	16 seconds	32 seconds	1 minute	53 minutes
	Approx.		13 seconds	26 seconds	53 seconds	44 minutes
When limited to 2 ch	Approx.			20 seconds	40 seconds	33 minutes
	Approx.			20 seconds	26 seconds	22 minutes



Features:

High-speed and Low-speed Sampling Mode

You will no longer miss unexpected events, such as voltage outbursts and transients.

AC/DC/Battery Power

Various power source.

Portable (8.3" x 6.0" x 1.8")

Take you GL500 anywhere you need to with its portable size.

Standalone and PC Control

Doesn't required PC for setup and data playback.

Large Data Storage

Internal memory: 4Mb for Low-speed sampling and up to 32 Mb for High-Speed sampling, Flash Card, PC Hard Drive.

USB 2.0 and Ethernet 10/100 Connectivity

High Speed USB 2.0, Ethernet allows connection anywhere on a network.

Support Engineering Unit

Add meaningful engineering units to your capture data.

Control Software

Enables full control and signal monitoring.



4 Channel Terminal Plug-in Unit (4VF)



4 Channel Terminal Plug-in Unit (4MF)



8 Channel Terminal Plug-in Unit (8MS)

You will no longer miss high-speed transients and voltage outbursts while recording slow data. The dual nature of the GL500 allows long-term capturing of slow-changing signal, up to 1ms, as well as concurrent capturing of high-speed data, up to 2 µs. It is a compact, light weight data logger that comes equipped with a large color display monitor and built-in memory, and can be connected to a Personal Computer via a USB or Ethernet to enable on-line settings, measurement, and data capture. GL500 can be configured to meet your application's needs by selecting one of the three input terminal modules. It is a versatile and powerful recording instrument in a convenient, portable package.

- GL500A-4VF...Mainframe w/ 4-channels isolated voltage module \$2,600.00
- GL500A-4MF...Mainframe w/ 4-channels isolated voltage/ temp. module \$2,900.00
- GL500A-8MS...Mainframe w/ 8-channels voltage/ temp. module \$2,600.00

Main Unit Specifications

Item		GL500A		
		4 - 16 channels/unit		
Input types		4VF	4MF	8MS
Analog voltage input		100mV, 500mV; 1, 5, 10, 50, 100V	100mV, 500mV; 1, 5, 10V	
Temperature input			Thermocouple: K, J, E, T, R, S, B, N, W (W Re5-26)	
A/D converter		14 bits		
Sampling interval	Normal	1, 2, 5, 10, 20, 50, 100, 200, 500 ms; 1, 2, 5, 10, 20, 30 s; 1, 2, 5, 10, 20, 30 min; 1h		
	Fast	(2, 4, 5, 8, 10) 20, 40, 50, 100, 200, 500 µs; 1, 2, 5, 10, 20, 50, 100, 200, 500 ms; 1s		
Trigger functions	Types	Start: Data capture starts when a trigger is generated Stop: Data capture stops when a trigger is generated		
	Conditions (Normal)	Start: Off, Level, Alarm, External, Date Stop: Off, Level, Alarm, External, Date, Time, Event full		
	Conditions (Fast)	Start: Off, Level, External Stop: Off, Level, External Pre-trigger: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100%		
Alarm functions	Types	Analog, Logic, Pulse AND, Pulse OR		
	Conditions	Analog: H, L, Windows In, Windows Out Logic, 4-ch pattern Pulse: H, L, Windows In, Window Out		
Pulse input	Number of channels	4 ch		
	Range	RPM mode: 5, 50, 500 5 k, 50k rpm/f.s. (max. 50 k/s) Count mode: 5, 50, 500, 5 k, 50 k C/f.s. (max. 50k/sampling interval) Inst. Mode: 50, 500, 5 k, 50 k C/f.s.		
External trigger input	Number of channels	1 ch		
Logic input	Number of channels	4 ch		
Alarm output	Number of channels	4 ch		
	Output format	Open collector output (100k pull-up resistor)		
Internal memory	Memory capacity (Normal)	4 Mb		
	Memory capacity (Fast)	32 Mb		
Memory device	PCMCIA card slot	Type 2		
PC interface		USB 2.0, Ethernet 10 Base-T, 100 Base-TX, Network ready		
Monitor	Size	4.7" STN color LCD		
	Displayed items	Waveforms + digital values, waveforms only, digital values only, digital values + calculated values		
	Functions	Waveform expansion/compression, scaling, calculations, search		
Operating Environment	Temperature	32 to 104° F		
	Humidity	30 to 80% RH (non-condensing)		
Power Supply		AC adapter (100 to 240 VAC, 50/60 Hz)		
		DC input (8.5 to 24 VDC), Battery pack		

Input Expansion Options

- 4VF...4Ch isolated voltage module.....\$600.00
- 4MF...4Ch isolated voltage/temp module.....\$900.00
- 8MS...8Ch voltage/temp module.....\$600.00

Other Options

- B-517.....Battery pack\$120.00
- B-513.....Logic alarm cable\$80.00
- B-514.....DC power cable\$50.00

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**Ask for quantity discount