

Test Equipment

Logic Analyzers

GS-PCLA32 32 Channel PC-Based Logic Analyzer

Use the GS-PCLA32 to:

Measure up to 32 signals directly from the PC

Measure hi speed microprocessor signals

Design digital circuitry

Troubleshoot complex digital signals

Record data signals and events



Global Specialties Model GS-PCLA-32 is a 32 Channel, fault-free digital PC-Based Logic Analyzer. The logic analyzer has a 100 – 250MHz sampling rate, which makes it highly suitable for real-time tracking and capture of targeted signals. The GS-PCLA-32's graphic user interface is easy to use and allows users to instantly, and accurately measure up to 100MHz signals with minimal instruction. Record findings with the accompanying data logger feature. Perfect for education, R&D and hobbyists, and for any application where rapid troubleshooting and signal debugging is required. The GS-PCLA32 comes complete with Analyzer, Software, USB Cable and (2) Signal Capture Cable Assemblies.

Features:

- Ideal for signal visualization, analysis and debugging
- 32 Channels
- Compact design saves space
- Data Logger Feature
- Comes with Analyzer, Software and Cabling
- 100-250MHz Sampling Rate
- Graphic User Interface
- 1-year warranty on all parts and workmanship.

System Requirements

Operating system:

- Microsoft Windows 2000 Microsoft Windows XP Microsoft Vista 32

CPU:

- Windows 2000, Windows XP Home, Pro: 300MHZ or above

Memory:

- Win2000 Pro: 128MB or above
- (Win XP Home, Pro: 256MB or above)

Hard Disk Space Requirements:

- Minimum 50MB available hard disk space



Innovative Training Solutions

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32 Channel PC-Based Logic Analyzer

Specifications

Model	
GS-PCLA32	
Time Sequence Analysis (Capture Frequency)	250MHz Max (4ns)
State Analysis (External Clock)	100MHz Max
Bandwidth	100MHz
Channels	32
Total Memory	2M Bytes
Memory Depth	512k Bits x 32 Channels
Trigger	Trigger Number: 1-255 Trigger Mode: Pattern/Edge/And/Or Trigger Channel: 32 CH Advance/Delay Trigger: Yes Trigger PAT: 3 (Edge or Pattern) Continuous/Non-continuous Trigger: Yes Trigger Output: Yes (TTL Level) Trigger Pulse Width: Yes Buss Analysis: Yes Glitch Capture: Yes
Reference Voltage	Range: -4~4V Accuracy (Ref Voltage): \pm 50mV
Maximum Input Voltage	\pm 30V
Input Impedance	100k Ω Shunted by \approx 10pF
Temperature	Operating Temp: 0°C - 45°C(32°F - 113°F) Storage Temp: -40°C - 75°C(-56°F - 167°F)
Data Skew	4ns Typical
PC Link Interface	USB 2.0
Power Supply	Via USB
Dimensions	6. x 3.6 x 1.5" Inches
Weight	8.5 oz

Technical data subject to change without notice.

