

The Acute Technologies Series Of USB Pocket Logic Analyzers Exceeds Your expectations.

With 200 MHz High speed timing analysis, 75MHz state analysis, up to 16 channels, and 1Mb memory depth per channel; USB interface and no power adapter required, pocket size that you can take anywhere. You're ready to analyze your data wherever you are.



Application

You can easily use the USB Pocket-Logic Analyzer (PkLA) Series if instruments to capture many complex signals for circuit debugging. The PkLA is also a great learning tool that assists students to better understand and visualize the digital timing relationship. Testing reports and captured waveforms are easy saved for later analysis and evaluation. You can save it to as a Text file for your further analysis. You also can save it as a BMP file for simple visual comparison with other waveforms, or email the file to one of your colleagues for their input as well.

An Excellent Interface: Hardware and Software

The PkLA has an easy to use Windows Graphical user Interface. The LA-viewer software program can run on all current Microsoft Windows operating systems: Win98/ME/2000/XP. The multi-thread feature allows your tested object to work at the same time, and on the same PC that is hosting the PkLA. Using the USB hardware interface to connect with your PC or Notebook, the PkLA requires no external power supply as it draws power from the USB port itself. Thus, with a laptop on battery power, you have a truly portable digital analysis solutions

System Capability and Expandability






By using the Acute PkLA, you can capture a set of signals form your system and then transfer them to the Acute Pocket-Pattern Generator (PkPG) and output the same collected data immediately.

Contact Us For More Information

For more information about Acute products and the Pocket-LA, please visit our web site.

We also provide free software for your evaluation.

Items Included With The PkLA1000 Series

Item	Product Number	Description	PkLA-1116/1216/1616				
1.	ASPkLA1XAB	Pocket-LA mainframe	1				
2.	CBS16AXXAA	Signal connector/1x16 color line	1				
3.	CBS02AXXAB	Ground line/black 1x2 line with red mark	1				
4.	GB3STXXXAA	Probe (Black)	18				
5.	CBUSBABXAA	USB A-B Cable (1.8m)	1				
6.	DSDK0001CA	3.5" Installation floppy disk	1				
7.	DSMN0001AA	Manual	1				
8.	PKCT0002BA	Pocket-LA wallet	1				
	1.	2.	3.	4.	5.		
							

Pocket LA System Requirements

1. Pentium 100 or better CPU compatible PC or Notebook
2. One USB A-type port
3. At least 64M bytes RAM
4. At least 32M bytes available in hard disk
5. CD ROM driver for for installation
6. Display specification, 640x480 VGA (or above), 800x600 or 1024x768 recommended
7. 101 keyboard, Win95 keyboard recommended
8. Mouse

Amazing Products

We hope that you appreciate our line of products that we manufacture and sell. Acute has developed one of the smallest size Logic Analyzers in the world. It's hard to believe it, but we make it.

Providing engineers and technicians the best tools that we can is ACUTE's chosen purpose. We spent a lot of time and resources to solve the Pocket-LA power dissipation issue. And we are proud to say that we have. Now, technology personnel like yourself can have wonderful instruments that you can simply plug in and run. Acute PkLA and PkPG Series: Really Plug & Play. Really portable.

Acute Technologies: The wonderful things, we make. You can have.

TS-U-PkLA1116, TS-U-PkLA1216, TS-U-PkLA1616
16 Channels, 200 MHz, 128, 256 KB and 1 MB Samples / Channel
Buffer Logic Analyzer

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Specifications		PkLA-1116	PkLA-1216	PkLA-1616
Power	Power Source	USB bus-power (+5V)		
	Static Power Dissipation	0.75W		
	Max Power Dissipation	<2.5W		
Hardware Interface		USB		
Timing Analysis (Sample Rate)		200 MHz ~ 100 Hz		
State Analysis (External Clock)		75MHz ~ 0		
Band Width		75 MHz		
Channels		16		
Memory	Total RAM Size	2M bits	4M bits	16M bits
	Storage Depth/Channel	128Kb	256Kb	1M bits
Trigger	Condition	Pattern & Edge		
	Channels	16		
	Pre/Post Trigger setting	Yes		
	Levels	1 Edge/Pattern @ 16 Channels		
	Pass Count	0 ~ 255		
Threshold	Range	-7.2V ~ +6.8V		
	Accuracy	± 55mV		
Maximum Input Voltage		± 30V		
Impedance		500KW shunted by 10pF		
Temperature	Operating Temperature	5° C ~ 45° C (41° F ~ 113° F)		
	Storage Temperature	-40° C ~ 75° C (-40° F ~ 167° F)		
Data Skew		< 2ns		
Software features	Zoom In & Zoom Out	1/2048 ~ 32		
	Languages	English/Chinese		
	Wave Height	Changeable		
	Save Wave & Load Wave	Yes		
	Print Wave	Yes		
	Project Manager	Yes		
	Online Help	Yes		
	Output to Bitmap file	Yes		
	Output to Text file	Yes		
	Output to PGV (PG1000) file	Yes		
	Trig, Aux. cursor	1, 5		
Dimesnions	Length x Width x Height (mm)	117x72x20mm		