

# PC-Based Logic Analyzer Pocket-LA series



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## Pocket-LA exceed your image

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 port it to anywhere. Really advance your job flavor.

## Purpose

You can apply the Pocket-LA to capture many complex signals for circuit debugging. The Pocket-LA is also a good tutorial tool that assists

students to understand digital timing relationship. Testing report and captured waveforms are easy saved for post managed. You can save it to be a Text file for your further analysis. You also can save it to be a BMP file for comparison with other waveforms, or email to your partners for co-worked.

## The Best Interface






The Pocket-LA has the best Windows UI. LA-viewer can execute in Win98/ME/2000/XP, The multi-thread feature allows your tested object working with Pocket-LA in one PC. Using USB hardware interface to connect with your PC or Notebook, Pocket-LA is no required for extra **power adapter**.

## Application

By using Pocket-LA, you can capture unknown system signals and reform them by Acute-PG. The PG will output these data immediately.

For more information about our products and the Pocket-LA, please visit our web site. We also provide **free software for your evaluation**.

## Packing List of Pocket-LA1000 series

Item	Product Number	Description	PkLA-1116/1216/1616		
1.	ASPKLAI1XAB	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.
					

It's hard to believe it, but we make it. We developed the smallest size Logic Analyzer of the world first. To provide engineer and technician the best tools is our heavy duty. We spent a lot of time and cost to solve Pocket-LA power dissipation issue. Now, you just plug Pocket-LA into USB port and start to use it immediately, not require any other peripheral s such as power adapter. Really Plug & Play, really portable.

**What wonderful things, we make it. You get it.**

# Logic Analyzer –

## Pocket-LA Specifications & Characteristics

Specifications		PkLA1116	PkLA1216	PkLA1616
Power	Power Source	USB bus-power (+5V)		
	Static Power Dissipation	0.75W		
	Max Power Dissipation	<2.5W		
	Protection	Re-settable Fuse (750mA)		
Hard ware 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	1Mb
Trigger	Condition	Pattern & Edge		
	Channels	16		
	Pre/Post Trigger setting	Yes		
	Levels	1 Edge/Pattern @ 16 Channels		
	Pass Count	0 ~ 255		
Threshold	Range	+6.8V ~ -7.2V		
	Accuracy	±55mV		
Maximum Input Voltage		±30V		
Impedance		500KΩ 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	Adjustable		
	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			
Volume	Length x Width x Height (mm)	117x72x20mm		

## System Requirement

- ◆ Above INTEL Pentium 100 compatible PC
- ◆ One USB A type port
- ◆ Windows 98/ME/2000/XP Operating System
- ◆ 8M Bytes Memory
- ◆ Disk Space more than 1M Bytes.
- ◆ One CD-ROM drive for installation
- ◆ 640x480 VGA or higher
- ◆ 101 Key Keyboard
- ◆ Mouse