

# MO1072 Series Modular Oscilloscope

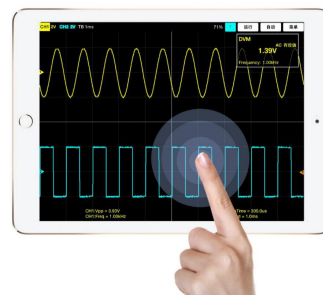
70MHz, 250MSa/s, 10K Memory Depth, WIFI Connection

## Key Features

- Support iPhone / iPad / Android Device / PC
- WIFI / USB 2.0 connection
- 70MHz bandwidth
- 250MSa/s Real Time sample rate
- 20 more automatic measurement function
- PASS / FAIL Check function
- 2 CH Oscilloscope or 16CH Logic Analyzer / 1CH Oscilloscope + 8CH Logic Analyzer
- Waveform averaging, afterglow, lightness control, reverse, add, subtract, multiply, divide, X-Y display
- Waveform data can be output as EXCEL, BMP, JPG according to time and voltage
- Software Support: IOS, Android, Win10, Win 8, Win 7, Windows NT, VISTA, etc.

## Typical Applications

- Education and training
- Service and Repair



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Saluki MO1072 Series Modular Oscilloscope is designed based on the platform of IOS, Android and Windows system. With a simple App, you can easily used it in your iPhone, iPad, Android device or PC, then get a Multi-touch operation. Meanwhile, It can be connected with multiple devices at the same time, such as when operating on iPad, it can also be observed on iPhone. WIFI communication without cable is very convenient during your application. Build-in Lithium Battery with 4 hours endurance, no need of external power. Good mechanical design with small size which is convenient for traveling.

## Technical Specifications

Model	MO1072L (with Logic Analyzer)	MO1072
<b>Acquisition</b>		
Bandwidth	70MHz	
Channel	2 CH	
Real-time Sampling Rate	250MSa/s (single channel) , 125MSa/s (two channels)	
Sampling Mode	Sampling, Vmax, Vrms	
Average Sampling	Average waveform, times: 4, 8, 16, 32, 64, 128	
<b>Input</b>		
Input Coupling	DC, AC, GND	
Input Impedance	Resistance: 1M $\Omega$ ; Capacitance: 25pF	
Probe Attenuation Coefficient Setting	1 $\times$ , 10 $\times$ , 100 $\times$ , 1000	
Max Input Voltage	35Vpk (DC+peak)	
<b>Horizontal</b>		
Horizontal sweep	4ns/div - 1h/div (1-2-4 sequences)	
Time Base Precision	$\pm$ 50ppm	
Waveform Interpolation	Step, Linear, Sin(x)/x	
Memory Depth	10K	

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Vertical	
Vertical Resolution	8Bit
Vertical Displacement Range	10mV - 5V/div @ x1 probe
	100mV - 50V/div @ x10 probe;
	1V - 500V/div @ x100 probe
	10V - 5KV/div @ x1000 probe
Position Range	±4division
Bandwidth Limit	20MHz
Low Frequency Response	≤10Hz ( at input BNC )
Rise time	≤5ns
DC Gain Accuracy	±3%
Trigger	
Trigger Source	CH1, CH2, EXT
Trigger Mode	Auto, normal, singal
Trigger Type	Edge, Alternative
Trigger Sensitivity	0.02 division
Trigger Range	±4V
Trigger Precision	±4division
Measurement	
Cursors Measurement	Cross, Trace, Horizontal, Vertical
Auto Measurement	Vpp, Vamp, Vmax, Vmin, Vtop, Vmid, Vbase, Vavg, Vrms, Vcrms, Preshoot, Overshoot, Frequency, Period, Rise Time, Fall Time, Positive Width, Negative Width, Duty Cycle
Waveform Signal Process	+, -, x, ÷, FFT, invert

Logic Analyzer (MO1072L)	
Channel	1CH Oscilloscope + 8CH Logic Analyzer 16CH Logic Analyzer
Max Input Impedance	100K (C=10p)
Input Voltage	2V -3.3V
Compatible input	TTL, CMOS, ECL

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## General Information

Temperature	Operating: 0°C - 40°C; Non-operating: -20°C - 60°C
Humidity	Below 35°C, ≤90% relative humidity; 35°C-40°C, ≤60% relative humidity
Volume	190mm x 100mm x 35mm
Weight	0.7KG (net weight)
Standard Package	230x175x75cm. Gross weight: approx 1kg including all accessories

## Standard Package

### Main Machine



### 2 passive probes



### Plug



### USB Cable



*Note: Information will conduct the necessary updates , the contents of this document are subject to change without notice*

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