# MiniDSO LA104 Logic Analyzer

SKU 109990365
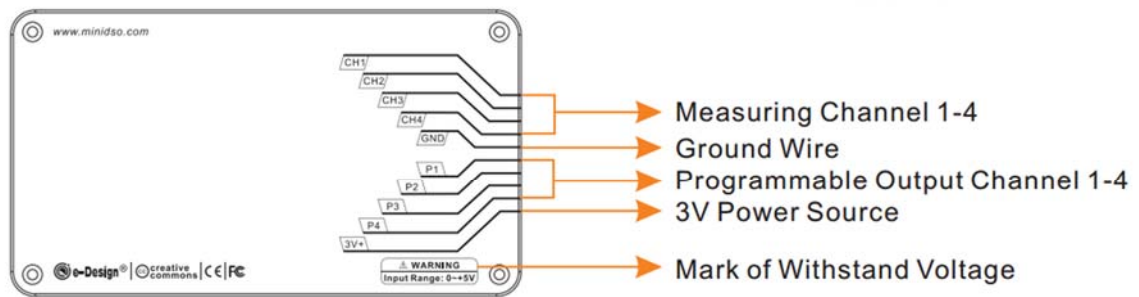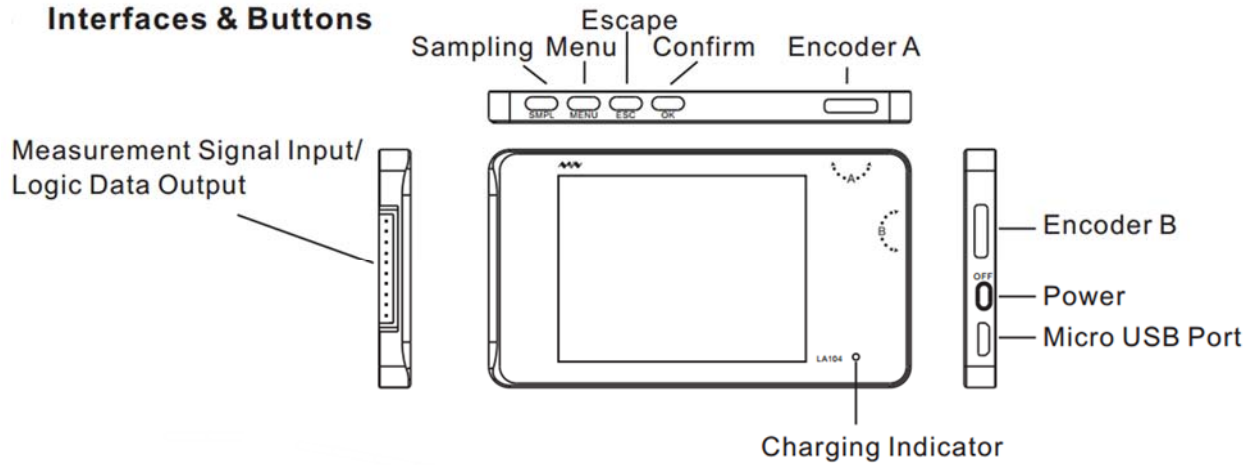
LA104 is a compact, portable logic analyzer with a display screen. It is widely applied to avariety of industries and fields, such as automotive electronics, communication, power supply and computer.

Logic analyzer is used to analyze the logic relationship of digital systems, as it can collect and store multichannel digital signals and directly display their sequential relationship on the screen. The logic analyzer is equipped with the function of protocol analysis, and can parse logic signal of the protocol's physical layer into data of the high layer protocol and display them on the screen.

Features:
- Color display
- 4 Input Channels
- 100MHz Max Sampling Rate
- 100MHz Measuring Bandwidth
- Built In 8MB Flash Storage

## Interfaces & Buttons

Sampling   Menu    Escape    Confirm    Encoder A

Measurement Signal Input/
Logic Data Output

Encoder B

Power

Micro USB Port

Charging Indicator

Measuring Channel 1-4
Ground Wire
Programmable Output Channel 1-4
3V Power Source
Mark of Withstand Voltage

| Buttons | Functions |
|---------|-----------|
| ⏻ | Power On/Power Off (If the device is automatically power off, turn off the device then turn on again) |
| ⟜ | Charging, connecting PC for reading data |
| SMPL | Collect/Pause |
| MENU | Option Menu |
| ESC | Quit |
| OK | Confirm/Execute |
| Encoder A | Left/Right Choosing |
| Encoder B | Up/Down Choosing |

Technical Details

| Dimensions | 150mm x 103mm x 40mm |
|------------|----------------------|
| Weight | G.W 175g    N.W 168g |

| | |
|---|---|
| Battery | Exclude |
| **Measuring Input Parameters** | |
| Channel | 4 |
| Max Sampling Rate | 100M Sa/S |
| Min Captured Pulse width | 10ns |
| Input Voltage Range | 0-5V |
| Equivalent Input Impedance | 1MΩ |
| Threshold Voltage | 1.2-3V |
| **Output Parameters** | |
| Programmable Output Channel | 4 |
| Programmable Output Type | PWM,SPI,I2C,UART |
| Programmable Output Amplitude | 3v |
| 3V Power Output Channel | 1 |
| Storage | Built-in 8M Flash Storage |
| Battery | Built-in 500mAh Lithium Battery |

| Display | 2.8′ Color LCD Screen |
|---|---|
| Size | 100mm*56.6mm*8.4mm |

*Part List*

| Logic Analyzer | 1 |
|---|---|
| Hooks | 5 |
| Dupont Cables | 20 |
| Safety Instructions | 1 |

*ECCN/HTS*

| ECCN | Not Available |
|---|---|

56.5mm

100mm

8.4mm