



Saleae Logic 4 - 4 Channels Logic / 1 Channel Analog - Black

PRODUCT ID: 2312

DISCONTINUED

[DESCRIPTION](#)[TECHNICAL DETAILS](#)

DESCRIPTION

Saleae has update their popular Logic analyzer series to now include analog capabilities. A logic analyzer is a device that lets you watch digital signals in your electronics project, perfect for debugging protocols and communications between two chips. An oscilloscope lets you look at analog signals, good for determining what's up with your power supply, audio circuit, or sensor. With the new Logic you can now do both!

This is the Saleae Logic 4 Black. It has 4 channels it can watch at a time. Three of these channels are *digital only* and one is digital or analog.

Specifications for channels in digital use:

- Digital Sample Rate: 12 MS/s
- Can view digital signals up to 3MHz
- 2.5-5.5V logic levels (as well as RS-232 and RS-442/3)

Specification for channel in analog use:

- Sample Rate: 6 MS/s @ 8 Bits
- -3dB Bandwidth: 600KHz (signals with frequency components above this will not appear right)

Best of all [this all-in-one analyzer plugs into any computer's USB port and has easy to use cross-platform software](#). This makes it small, portable and inexpensive. If you ever have to to debug SPI, i2c, serial, CAN, 1-wire, Manchester, biphasic or other digital protocols, and basic analog signals, this tool is essential!

[More information available on the Saleae website!](#)

TECHNICAL DETAILS

Inputs:

- Mult-Use (A/D/Both): 1
- Digital-only: 3

Digital:

- Sample Rate (max): 12 MS/s
- Fastest Digital Signal: 3 MHz
- Supported Logic Levels: 2.5V - 5.5V

Analog:

- Sample Rate (max): 6 MS/s
- Bandwidth (-3dB): 600 KHz
- Number of bits: 8 bits
- Input Voltage Range: 0V - 5V

Dimensions:

- 42mm x 42mm x 10mm / 1.7" x 1.7" x 0.4"
- Weight: 35g

USB:

- USB 2.0

For product support, replacement parts and warranty for all Saleae products, [click here!](#)

MAY WE ALSO SUGGEST...



[CONTACT](#)

[SUPPORT](#)

[DISTRIBUTORS](#)

[EDUCATORS](#)

[JOBS](#)

[FAQ](#)

[SHIPPING & RETURNS](#)

[TERMS OF SERVICE](#)

[PRIVACY & LEGAL](#)

[ABOUT US](#)



ENGINEERED IN NYC Adafruit®

4.9 ★★★★★
Google
Customer Reviews