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On-Line support F.A.Q.	http://www.usb-instruments.com/easyscope/faq/faqmain.htm
On-Line User Manual	http://www.usb-instruments.com/easyscope/help/helpmain.htm

In the event of a hardware problem, please contact the distributor where you purchased the product.

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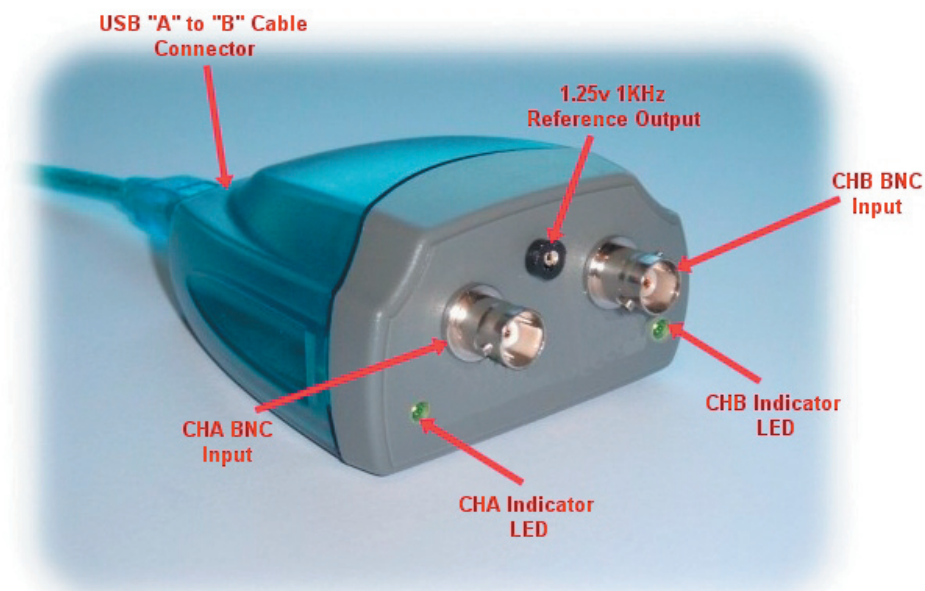
DS2200C User Manual

DS2200C is a two channel Digital Sampling Oscilloscope with 12-bit ADC resolution and up to 200,000 samples / sec conversion rate. It is ideal for educational use, hobbyists , audio applications etc. The specification is listed below. The DS2200C comes complete with the EasyScope software package which offers an attractive Windows based oscilloscope display, with single, dual and XY modes, and the capability of displaying the frequency spectrum of the input signal using it's inbuilt F.F.T. function.

DS2200C Hardware Specification	
ADC Resolution	12 bit (each channel)
Maximum Sampling Rate	200,000 samples / sec simultaneously on both channels
Input Connectors	BNC 50 ohm x 2
Input Impedance	1M Ohm
Compatible with standard x1/ x10 oscilloscope probes	YES (probes sold separately)
AC/DC Coupling	YES (software controlled)
Calibration signal output	1kHz / 1.25v square wave
Power Source	Powered via USB
Operating Current (Running)	< 200mA
Operating Current (Suspend)	< 500uA
PC Interface	USB 1.1 / USB 2.0 full speed
Indicator LEDs	2 (1 per channel)

DS2200C Indicators and Connectors

The diagram below shows the various connectors on the DS2200C.



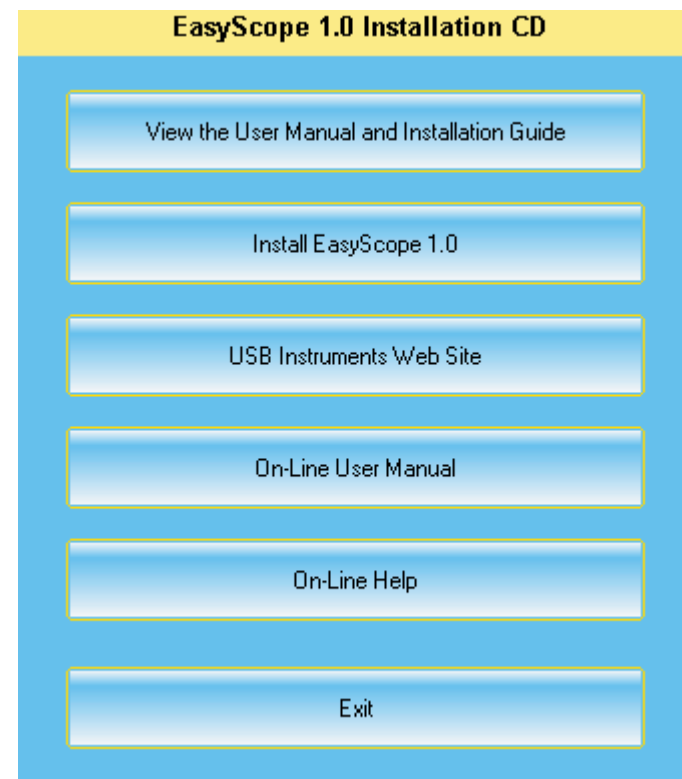
The front panel has two BNC connectors for the oscilloscope signal inputs CHA (channel A) and CHB (channel B). Each of these has it's own indicator LED which glows green when the channel is enabled via the EasyScope software. Towards the top of the front panel is the reference signal output. This is a 1KHz square wave output with an amplitude of 1.25 volts. At the rear of the instrument is a USB "B" socket – use this in conjunction with the 1.8m USB "A" to "B" cable supplied to connect the instrument to a USB enabled P.C.

Safety Considerations

This instrument is intended to be operated by personnel with a knowledge of basic electrical safety. Do not use this instrument to directly measure input voltages of over 100 volts. This instrument is NOT galvanically isolated – i.e. the ground on the oscilloscope probe connects to the ground / earth of the PC it is used with.

Installing the EasyScope software and USB Drivers

The EasyScope software and USB drivers are provided on the enclosed CD. Please insert the CD into the CD-ROM drive of the host PC *before* attaching the USB cable. After a few seconds the following menu will appear.



Click on "View the User Manual and Installation Guide" and review the installation instructions for the software and USB drivers. When ready, click on "Install EasyScope 1.0" to start the software installation process. After the software has been installed, plug the instrument directly into the USB port of the host PC or into a self-powered USB hub. The DS2200C requires an operating current of ~180mA and so cannot be plugged into a bus-powered USB hub.