Reference Manual

Tektronix

TWD 120
Digitizer

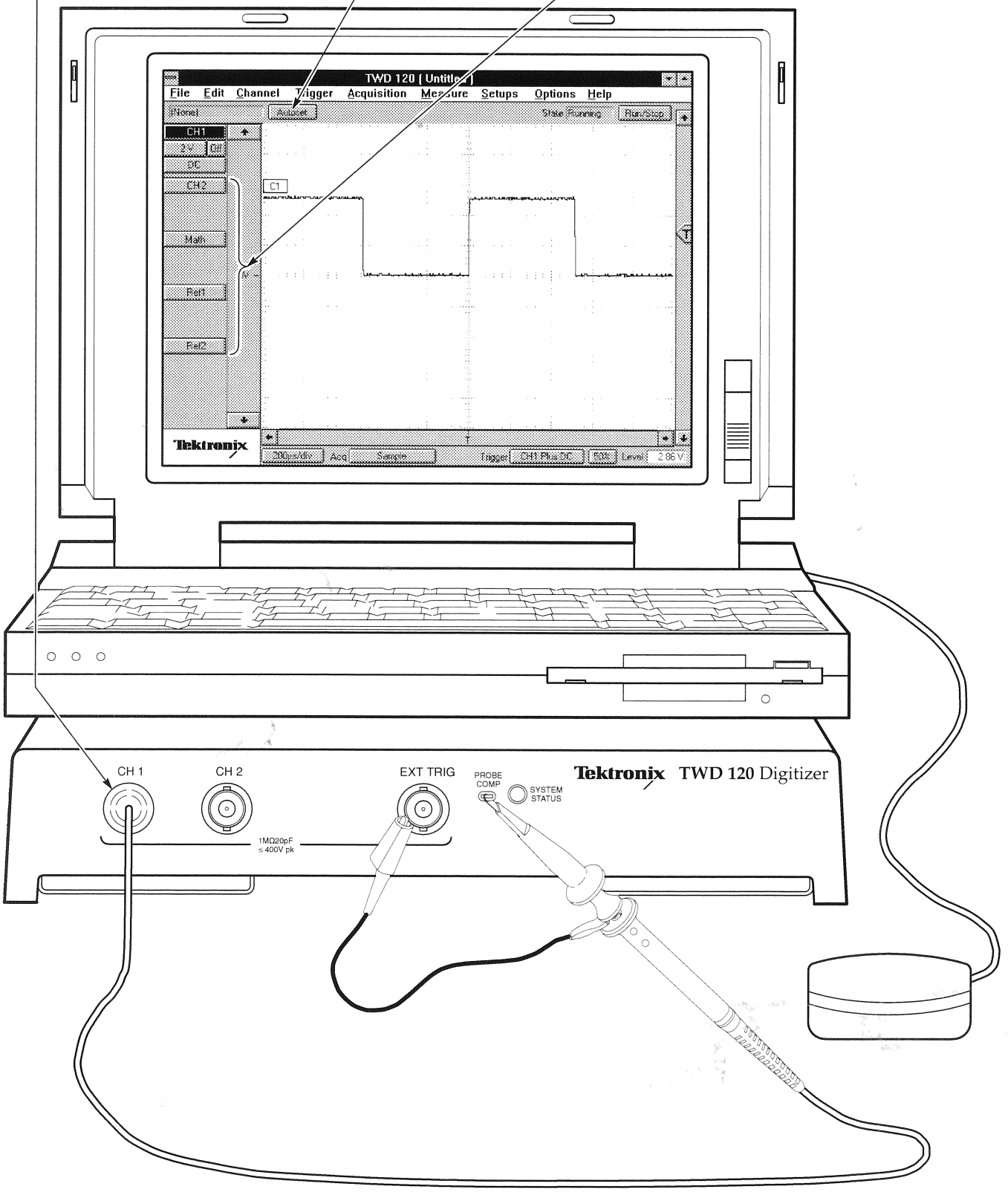
070-8868-00

Displaying a Waveform

1 Attach a probe to **CH 1** and hook it to a signal.

2 Click on **AUTOSET**.

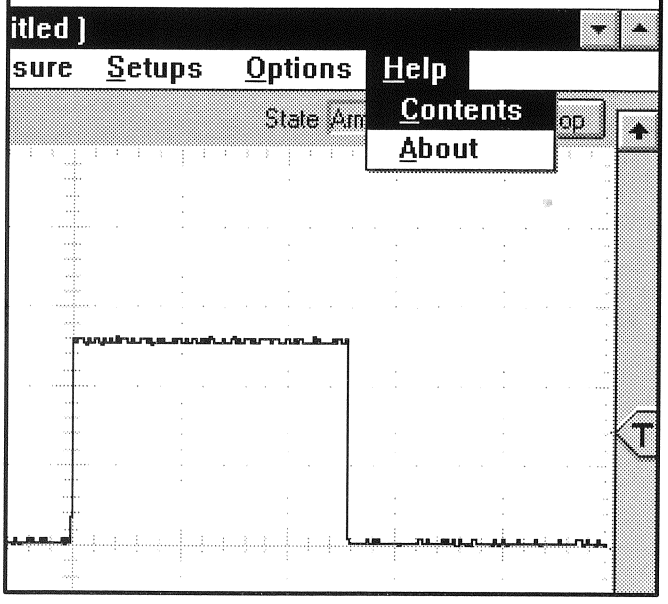
3 To display other channels, click on the channel select buttons.



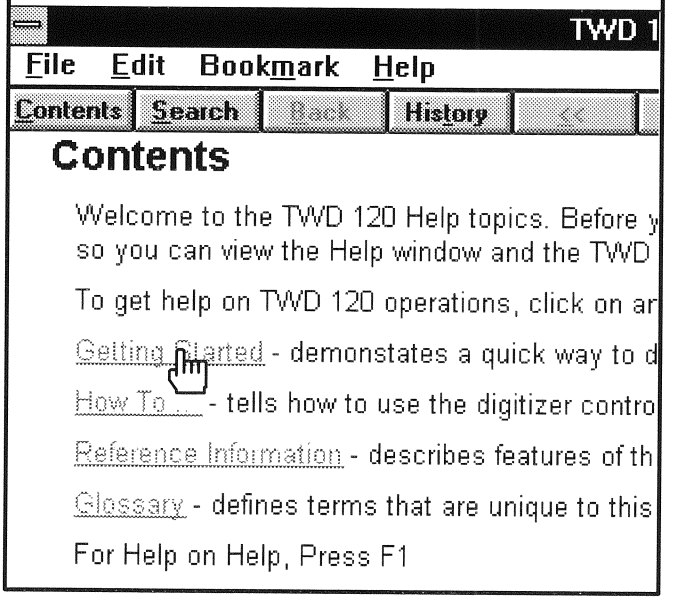
First Edition: May 1994

Using Online Help

1 To use Help, click on the **Help** menu and drag to choose **Contents**.

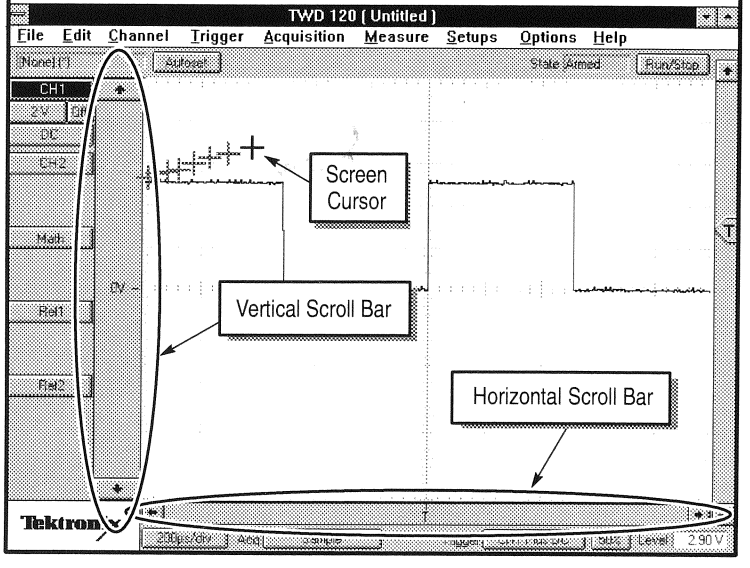


2 Click on a content topic to view it.

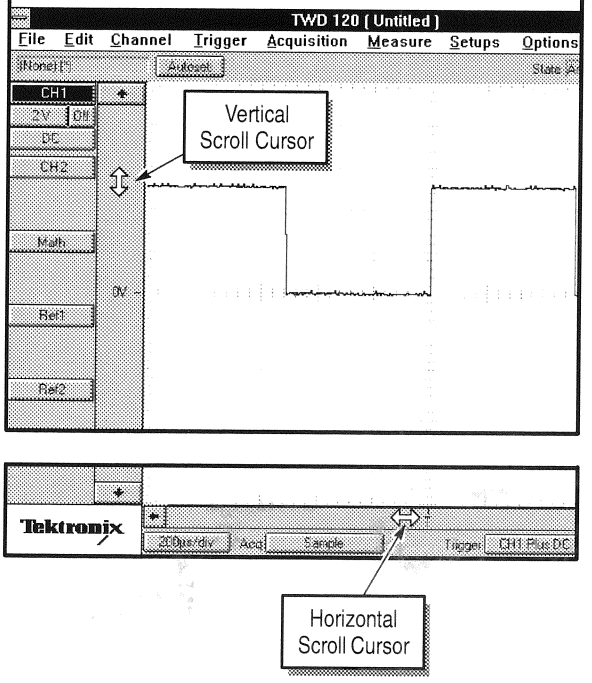


Positioning Waveforms

1 To position a waveform, move the screen cursor into the vertical or horizontal scroll bar. The screen cursor will change to a scroll cursor.

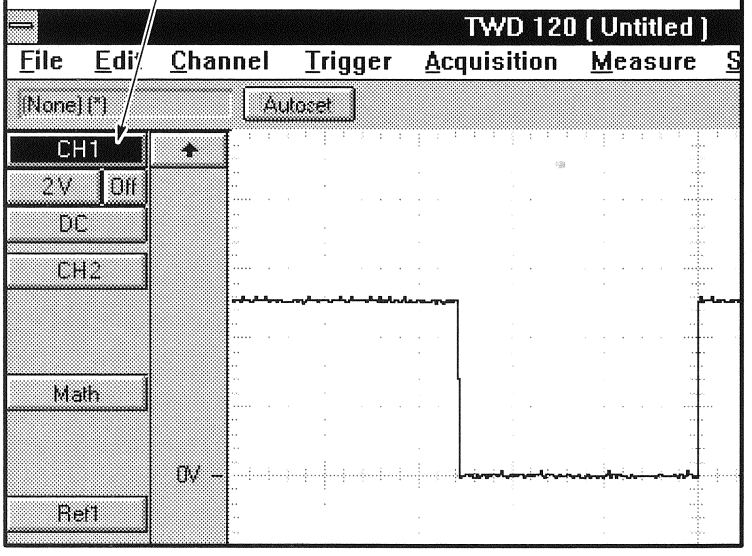


2 Click and drag the scroll cursor to position the waveform.

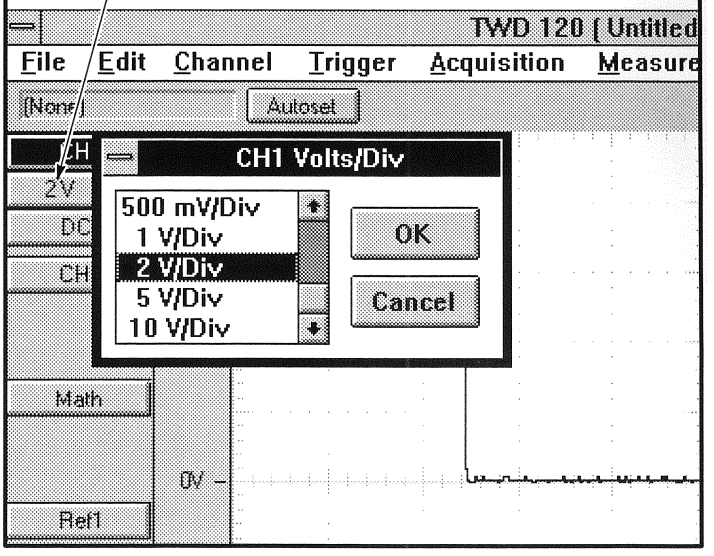


Scaling a Waveform

1 To scale a waveform, click on the **CH1** channel select button.

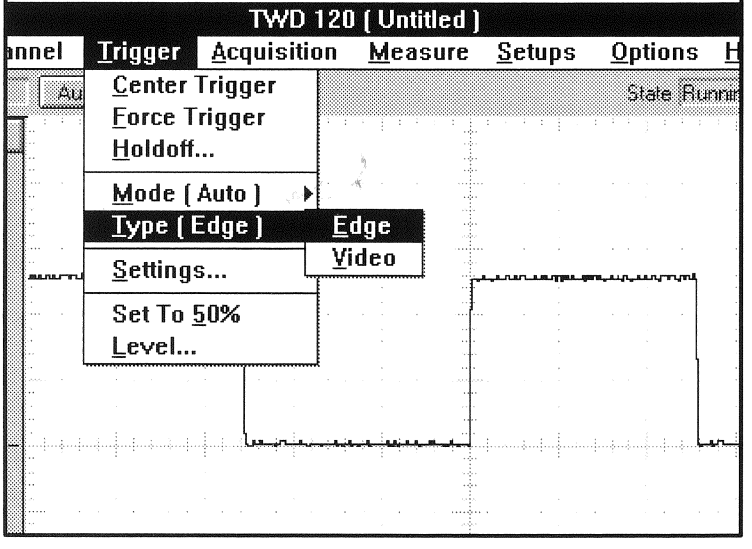


2 Click on the volts-per-division button to change the vertical scale factor.

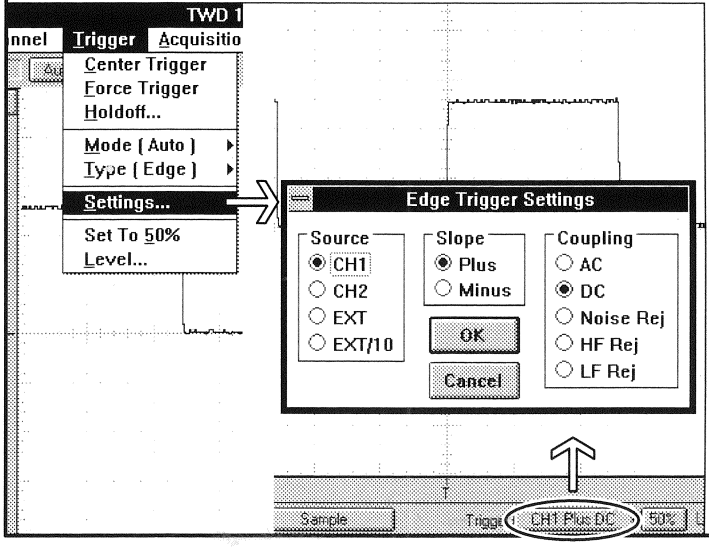


Setting the Trigger

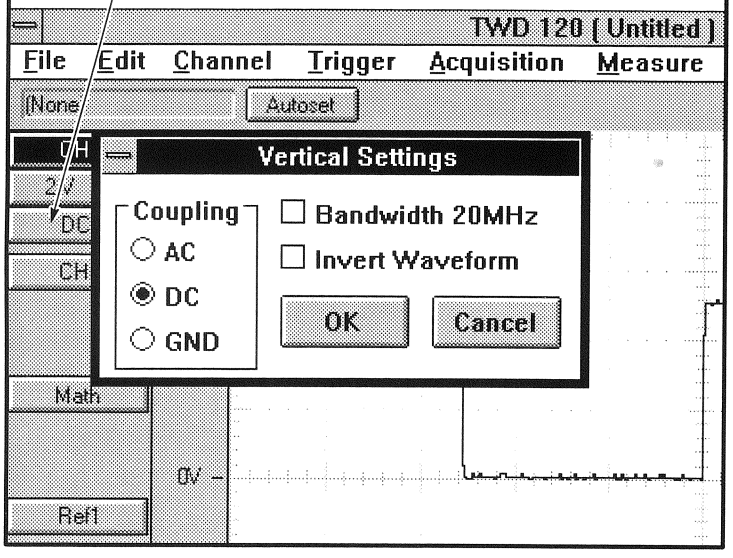
1 To choose trigger settings, click and drag on the **Trigger** menu to choose **Type→Edge** or **Type→Video**.



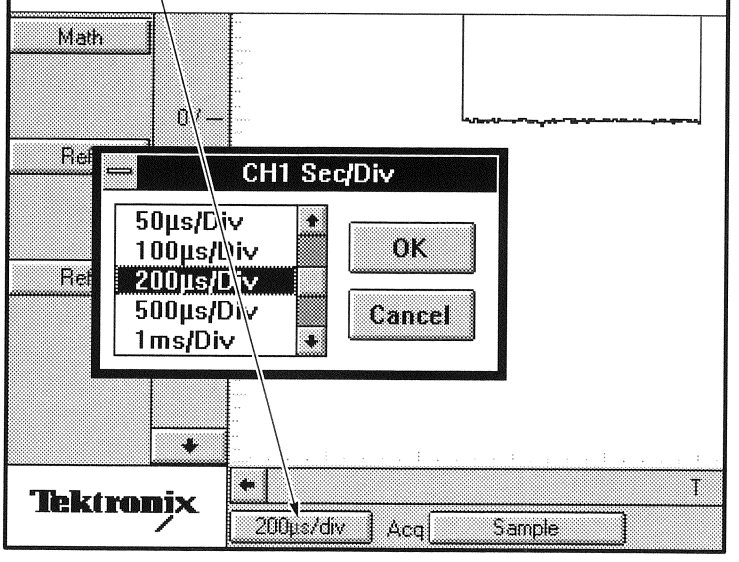
2 Click and drag on the **Trigger** menu to choose **Settings** for **Edge Trigger** . . .



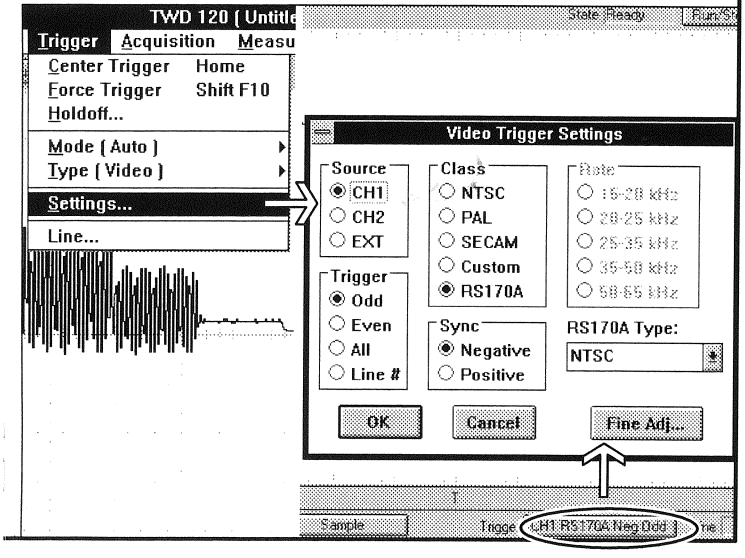
3 Click on the button labeled with the input coupling to change vertical settings.



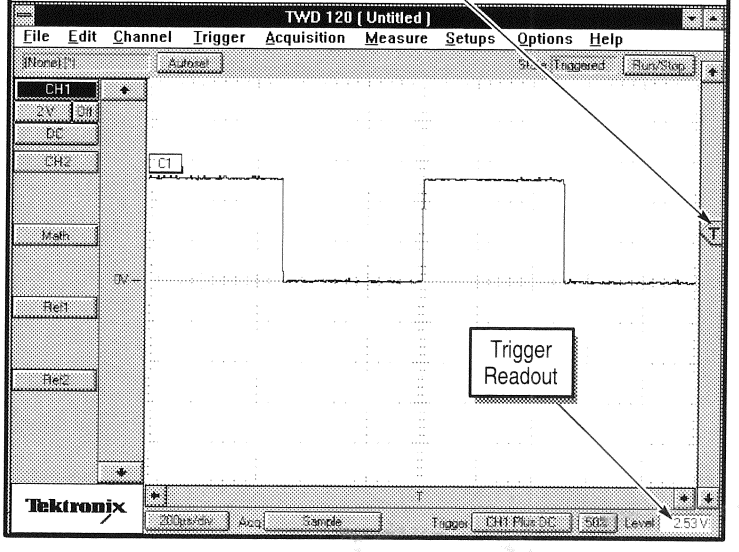
4 Click on the seconds-per-division button to change the horizontal scale factor.



. . . or to choose **Video Trigger Settings**.

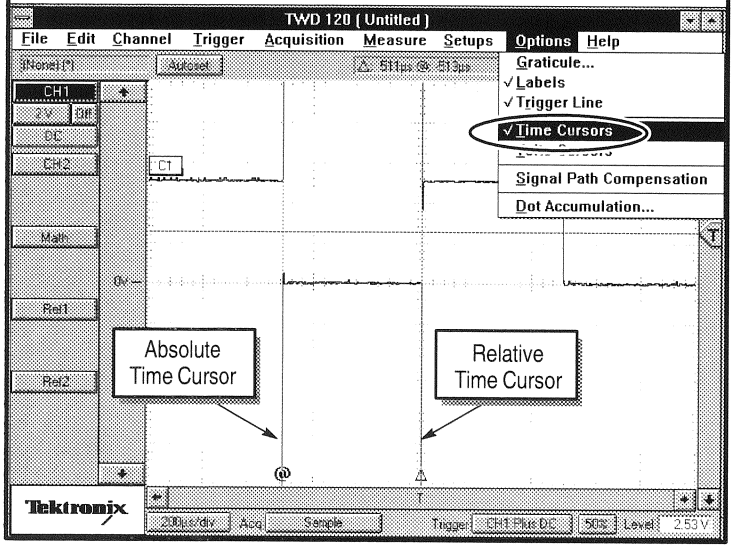


3 Click and drag on the "T" in the Trigger scroll bar to adjust the edge trigger level or video line number.

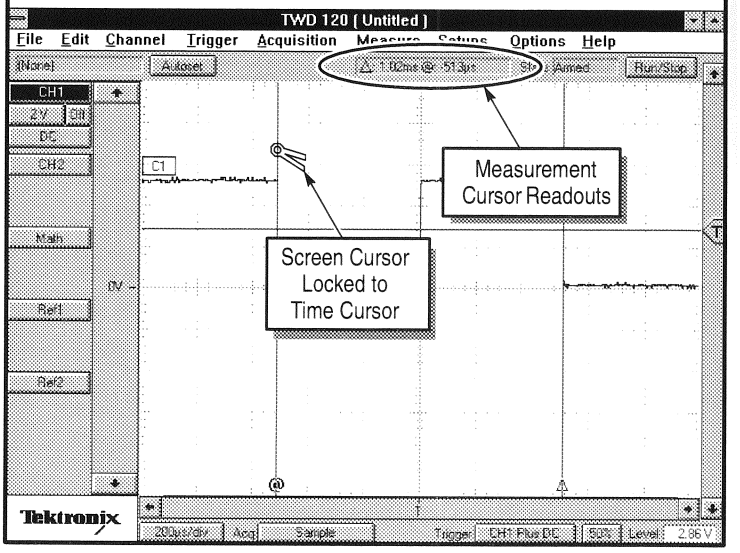


Measuring with Cursors

1 To take cursor measurements, click and drag on the **Options** menu to choose **Time Cursors**.

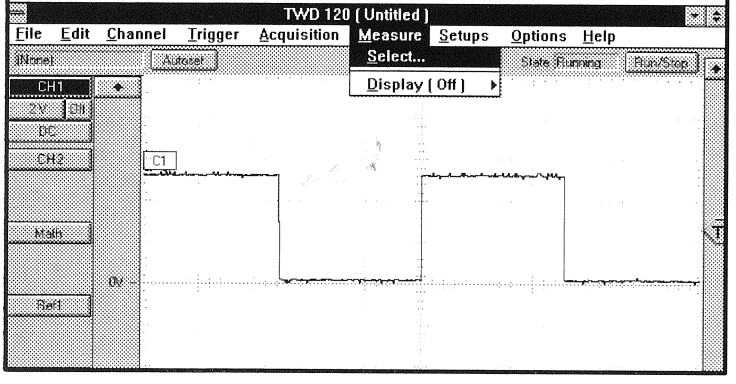


2 Click and drag on a cursor to move the cursor and take absolute or relative measurements.

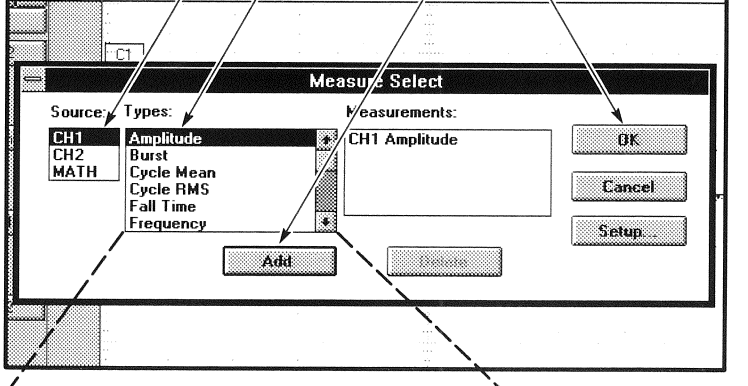


Automating Measurements

1 To select automated measurements, click and drag on the **Measure** menu to choose **Select**.



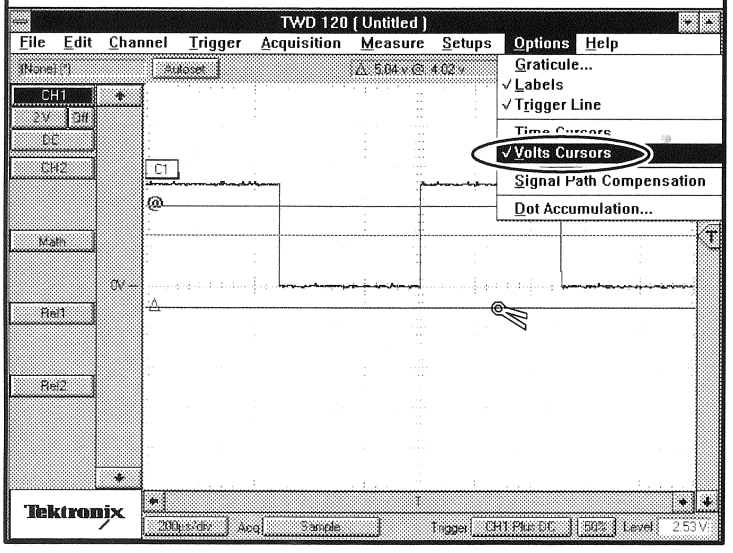
2 Click on **CH1**, **Amplitude**, **Add**, and **OK**.



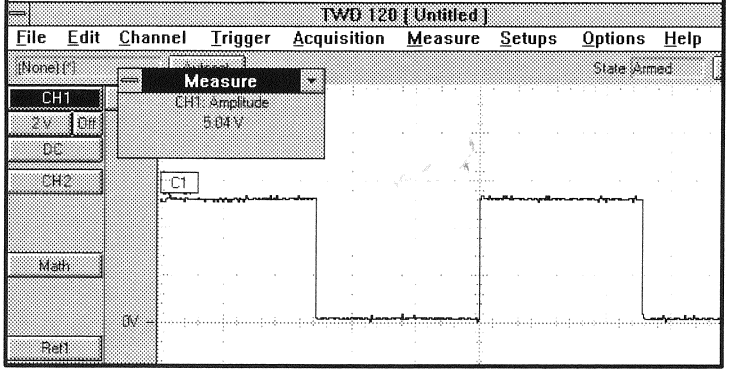
Measurement Types Available:

Amplitude	Negative Duty Cycle
Burst	Negative OverShoot
Cycle Mean	Negative Width
Cycle RMS	Positive Duty Cycle
Fall Time	Period
Frequency	Peak to Peak
High	Positive OverShoot
Low	Positive Width
Max	Rise Time
Mean	RMS
Minimum	

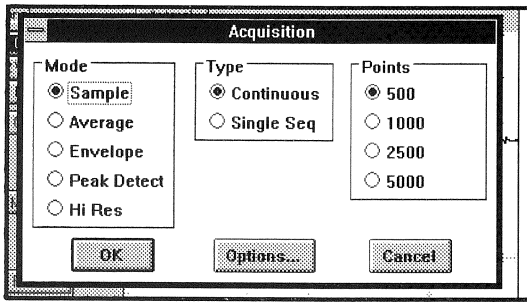
3 Now, click and drag on the **Options** menu to choose the **Volts Cursors**. They work the same way.



3 Read the measurement from the **Measure** readout window.

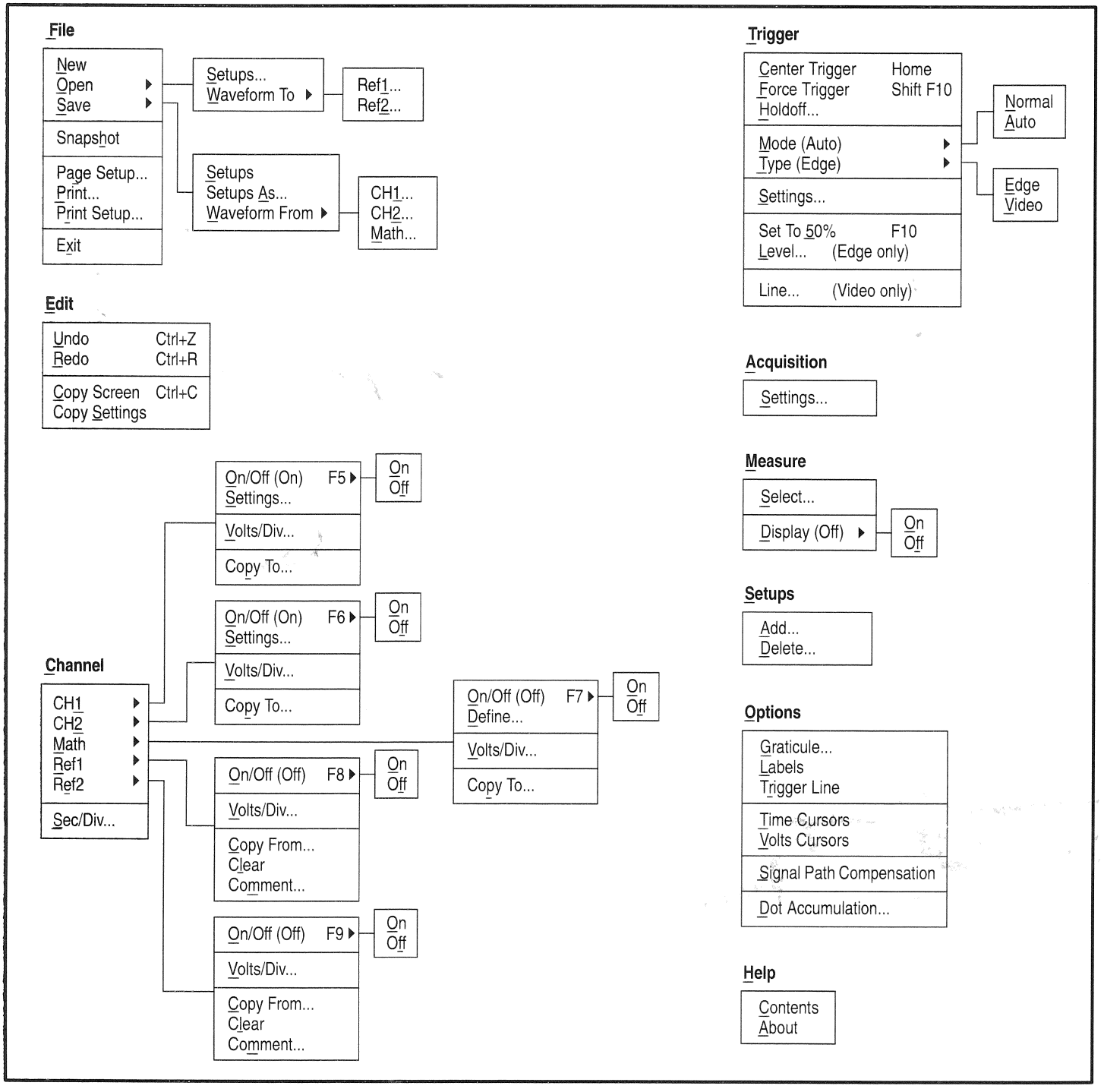


Selecting Acquisition Mode



To select the acquisition mode, click and drag on the **Acquisition** menu to choose **Settings**. From the dialog box, click on the mode that best displays your signal.

Reviewing the Menu Structure



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Addendum to TWD 120 Setup/Installation

* After loading SIIG i540 SCSI Driver installation Disk and Tektronix TWD 120 user interface disk, start Windows with TWD 120 already powered on and connected to your computer

* New hardware found, unknown device will appear

* "Update Device Driver Wizard" will then appear. Click Cancel, Do Not have Windows search for a driver or you will have to remove it in Device Manager

* You do not need to install any device drivers after you have installed the SIIG i540 driver disk and TWD 120 disk.

* If you have your own SCSI interface already installed and choose not to us the SIIG i540, your interface must have "winaspi.dll" - compatible drivers software

* In addition to the TWD 120 installation instructions, the SIIG i540 is self terminating and the TWD 120 need not be terminated on it's other port