
Voice Commands Guide

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Infiniium Oscilloscope Option 200

Contents

Command Diagrams	1-2
Autoscale Command	1-2
Channel Commands	1-2
Clear Display Command	1-3
Default Setup Command	1-3
Help Command	1-4
Horizontal Commands	1-5
Horizontal Position	1-5
Horizontal Scale	1-6
Delayed Sweep Commands	1-7
Print Command	1-8
Quick Measure Command	1-8
Repeat Last Command	1-9
Run Command	1-9
Save Screen Command	1-9
Save Waveform Command	1-9
Stop Command	1-10
Trigger Commands	1-11
Trigger Level	1-11
Trigger Coupling	1-11
Trigger Mode	1-12
Trigger Slope	1-12
Trigger Source	1-13
Trigger Sweep	1-14
External Trigger Range	1-15
External Trigger Coupling	1-15
External Trigger Impedance	1-15
Undo Command	1-16
Vertical Commands	1-16
Vertical Offset	1-16
Vertical Scale	1-17
Viewing Channels	1-18
Input Impedance and Coupling	1-19
Voice Command	1-19
Zoom Command	1-19

Command Diagrams

The flow through voice command diagrams is shown by lines and arrows. These link together various objects used to form a command. Objects exist in the voice command diagram as either ovals or boxes.

- Ovals indicate American English words that are spoken.
- Boxes represent integer parameters that are spoken in American English words. The range of a parameter depends on the Infiniium control you are trying to change.

Flow through the voice command diagram is generally from left to right. You enter the diagram on the left, and the complete command is finished when you exit the diagram on the right.

Autoscale Command

The Autoscale command automatically turns on all channels that have waveforms connected to the inputs. It also edge triggers the oscilloscope on the first valid waveform that it finds. For four channel oscilloscopes, the search begins with the auxiliary trigger input then the channels are searched starting with channel four and ending with channel one. For two channel oscilloscopes, the search begins with the external trigger input then the channels are searched starting with channel two and ending with channel one.

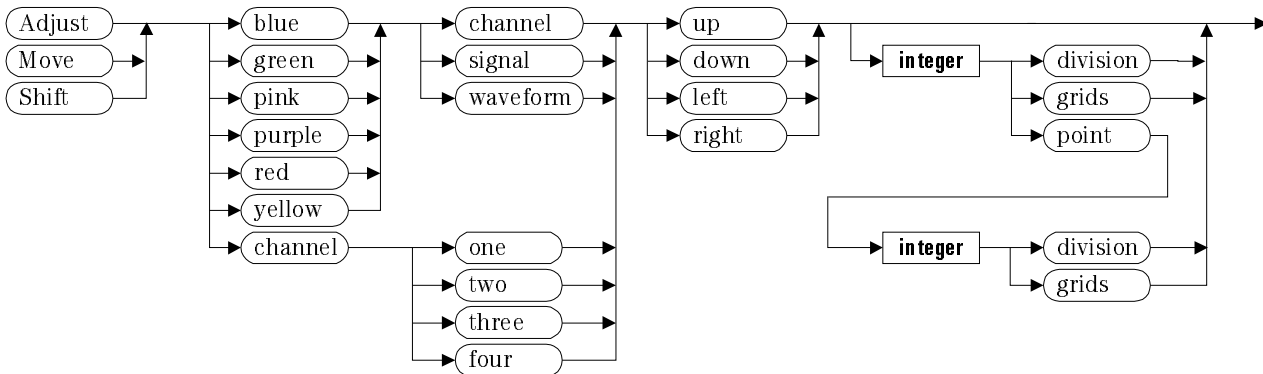
Figure 1-1



Channel Commands

The Channel commands are used to move waveforms left or right and up or down.

Figure 1-2



Channel Voice Commands

Clear Display Command

The Clear Display command clears the waveform viewing area of channel waveforms and resets the channel memories. This performs the same function that pressing the Clear Display button on the Infiniium front panel does.

Figure 1-3

Clear Display

Clear Display Voice Command

Default Setup Command

The Default Setup command returns the oscilloscope to its default settings. This performs the same function that pressing the Default Setup button on the Infiniium front panel does.

Figure 1-4

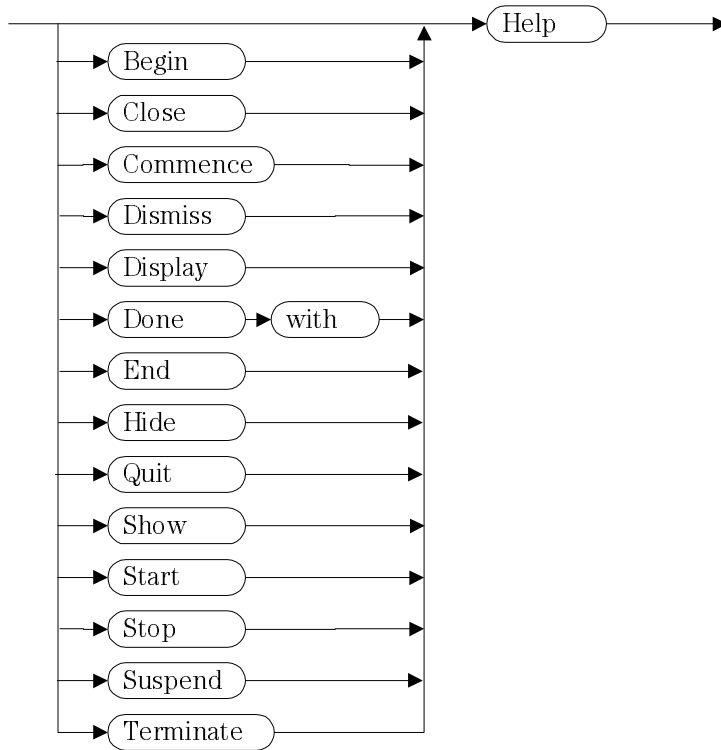
Default Setup

Default Setup Voice Command

Help Command

The Help command displays or closes the VoiceControl Quick Help popup window.

Figure 1-5



Help Voice Command

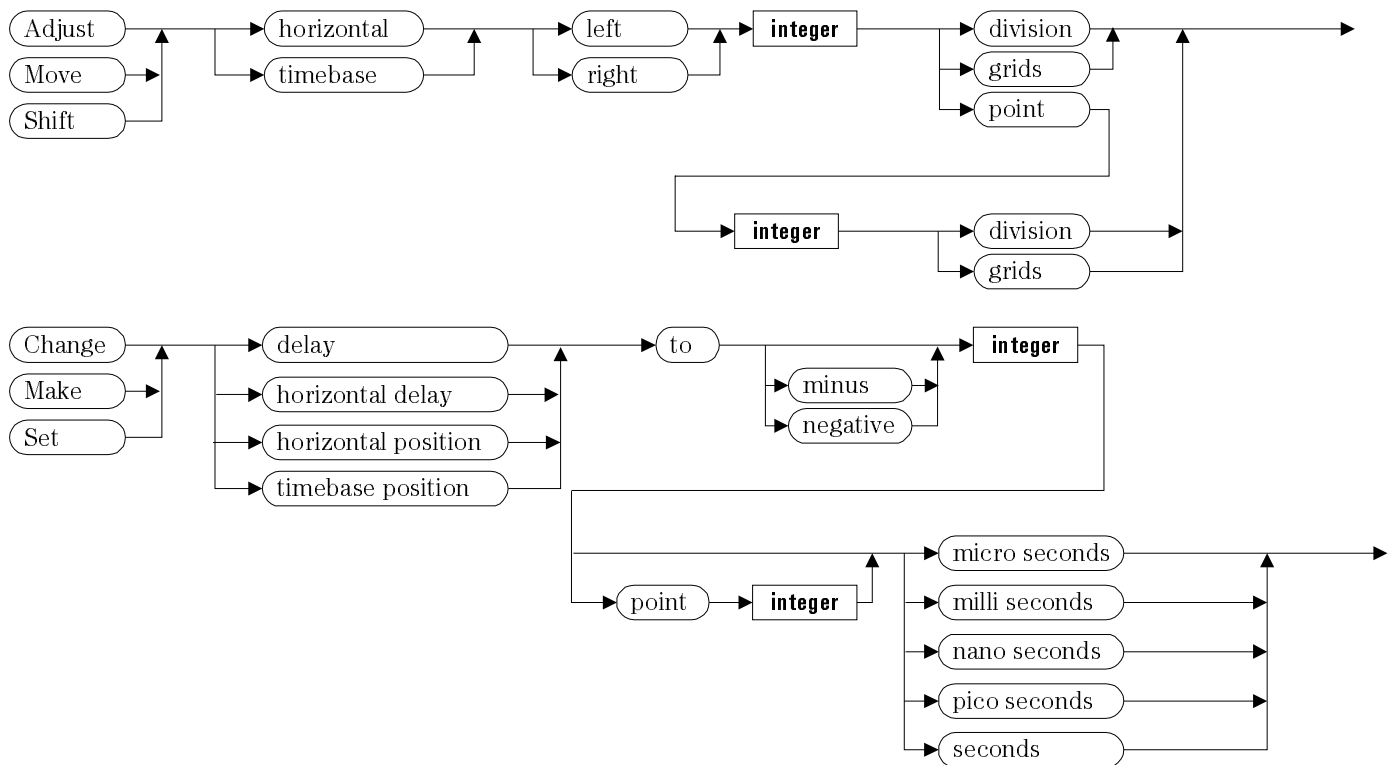
Horizontal Commands

The Horizontal commands change the horizontal position and horizontal scale controls.

Horizontal Position

The Horizontal Position commands move the displayed waveforms either to the left or to the right.

Figure 1-6

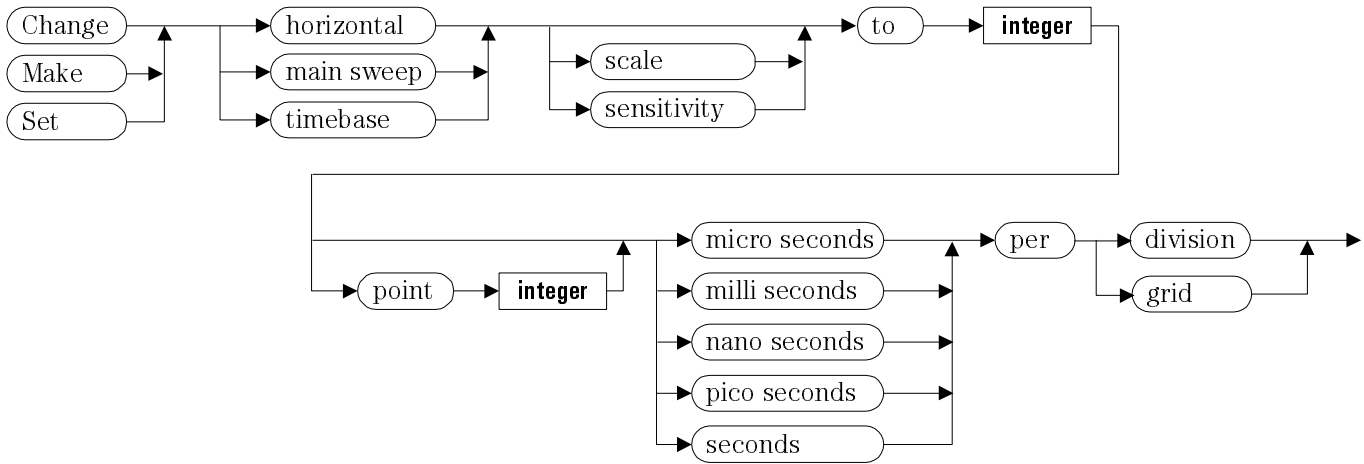


Horizontal Position Voice Commands

Horizontal Scale

The Horizontal Scale command changes the time per division setting for all displayed waveforms.

Figure 1-7

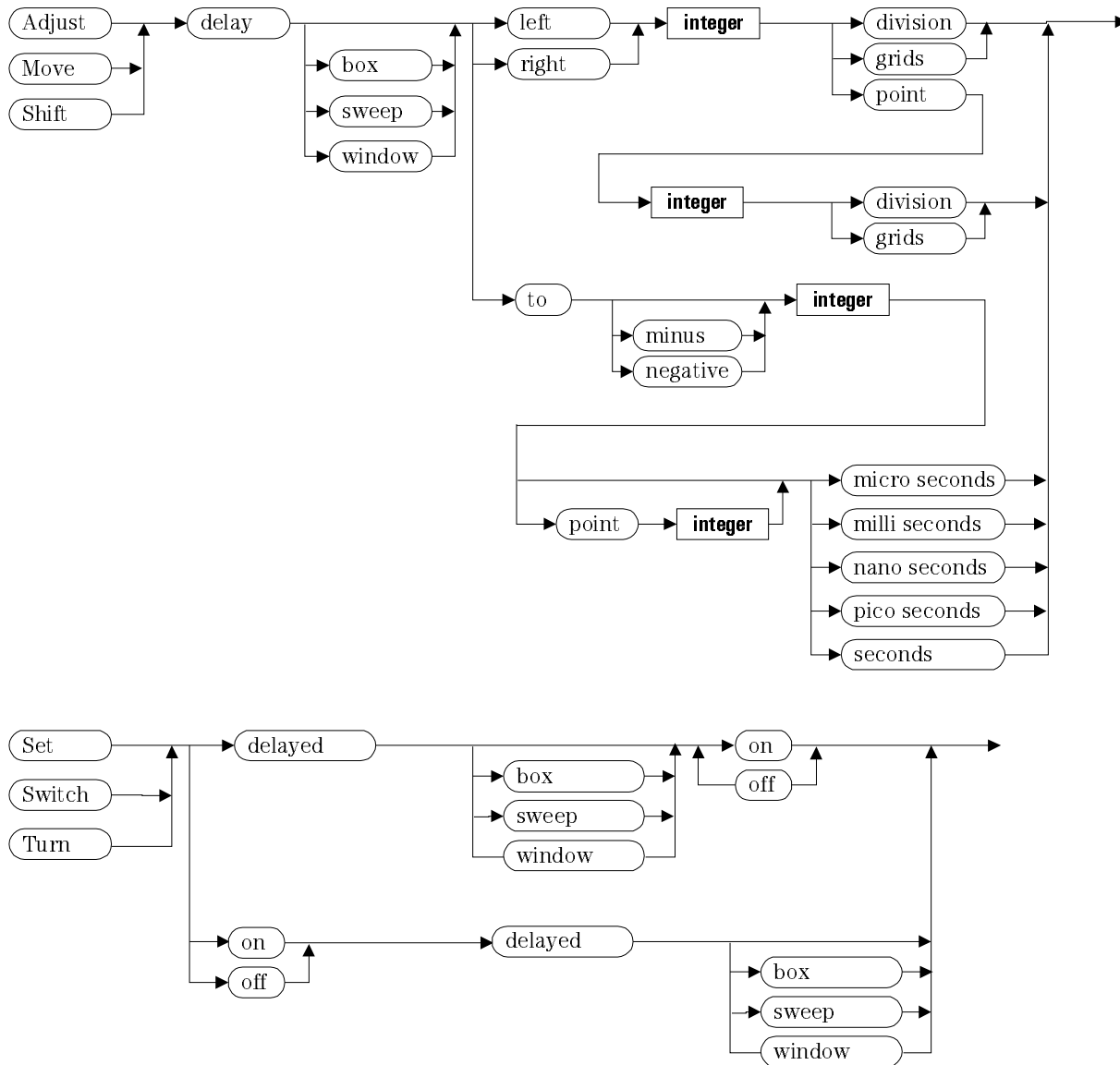


Horizontal Scale Voice Commands

Delayed Sweep Commands

The Delayed Sweep commands horizontally expand waveforms that are inside the delayed sweep window. The size of the window is also controlled using these commands.

Figure 1-8



Delayed Sweep Voice Commands

Print Command

The Print command prints the screen to the default printer. The control settings in the Configure Printer dialog box determine information, waveform colors, and the area that is printed. Before you can use this command, it must be enable by selecting **Enable Printing from VoiceControl** in the VoiceControl dialog box.

Figure 1-9

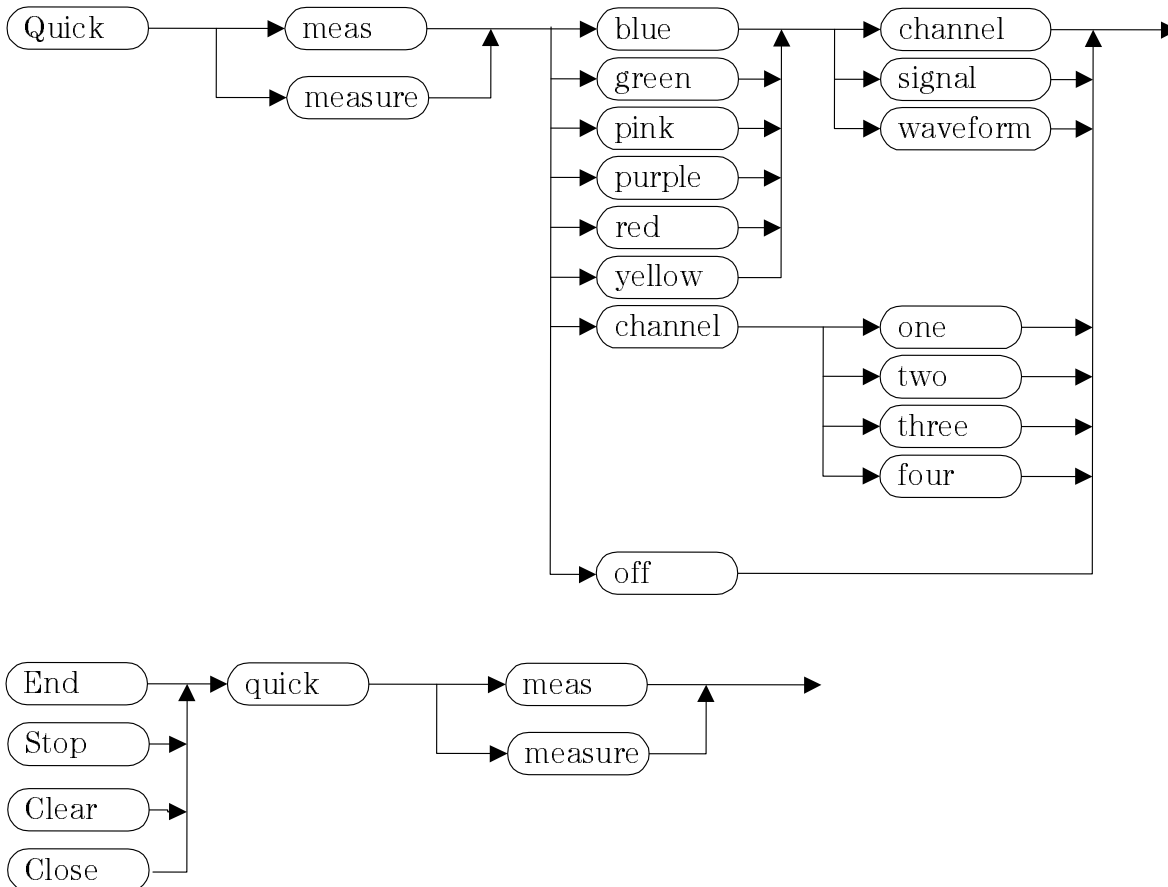


Print Voice Command

Quick Measure Command

The Quick Measure command turns on or turns off the automatic measurements of the QuickMeas feature. The measurements that are made are set in the Customize QuickMeas+ dialog box. This voice command cannot be used to perform the QuickPrint, QuickWaveform, QuickScreen, or QuickSetup features.

Figure 1-10

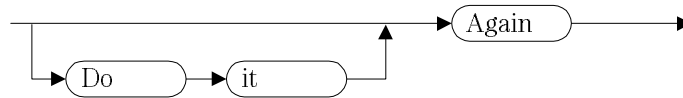


Quick Measure Voice Commands

Repeat Last Command

The Repeat Last command performs the previously spoken voice command.

Figure 1-11



Repeat Last Command Voice Command

Run Command

The Run command starts the oscilloscope's acquisition system.

Figure 1-12

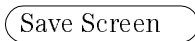


Run Acquisition Voice Command

Save Screen Command

The Save Screen command saves a bitmap image of the screen to a file. The portion of the screen, bitmap format, and the file name are determined by the control settings in the Setup QuickScreen dialog box. This dialog box can be found in the Measure menu under Customize QuickMeas+.

Figure 1-13

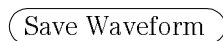


Save Screen Voice Command

Save Waveform Command

The Save Waveform command saves the currently selected waveform to a file. The waveform source is determined by the setting of the Waveform control in the Customize QuickMeas+ dialog box. The file name and the file format are determined by the control settings in the Setup QuickWaveform dialog box. This dialog box can be found in the Measure menu under Customize QuickMeas+.

Figure 1-14



Save Waveform Voice Command

Stop Command

The Stop command stops the oscilloscope's acquisition system.

Figure 1-15

Stop

Stop Acquiring Waveforms Voice Command

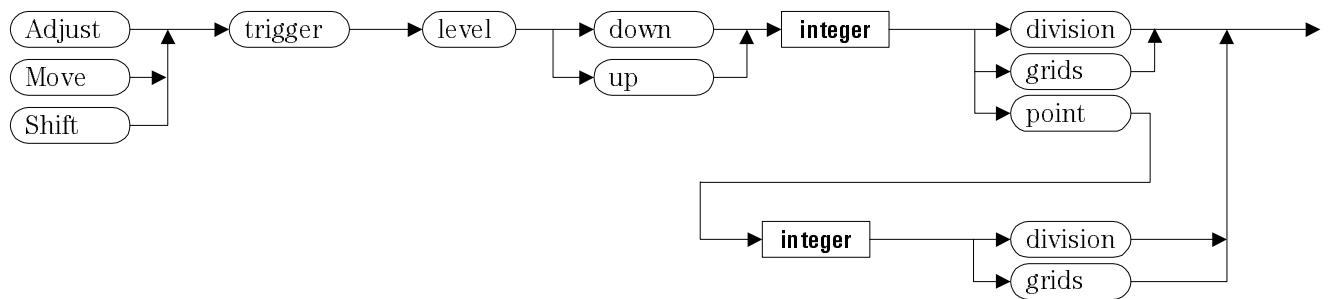
Trigger Commands

The Trigger commands control the trigger level, trigger coupling, trigger mode, trigger slope, trigger source, and trigger sweep.

Trigger Level

The Trigger Level command sets the trigger level voltage.

Figure 1-16

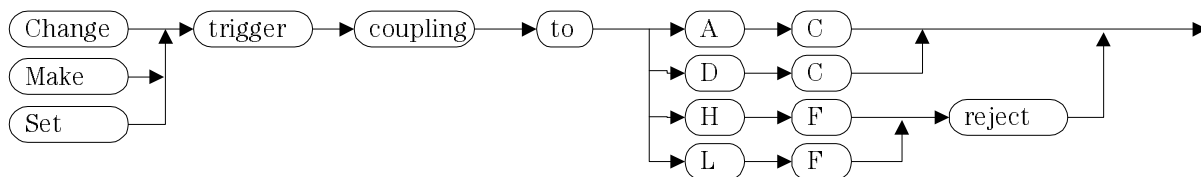


Trigger Level Voice Commands

Trigger Coupling

The Trigger Coupling command sets the type of coupling to the trigger circuitry. The coupling command only works when the oscilloscope is in Edge mode triggering.

Figure 1-17

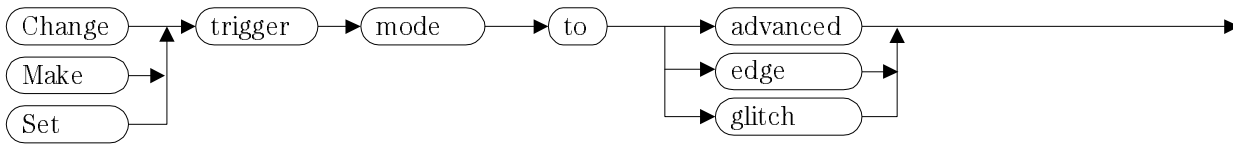


Trigger Coupling Voice Commands

Trigger Mode

The Trigger Mode commands sets the type of triggering that the oscilloscope uses. The type of advanced trigger used is determined by the control settings found in the Trigger Setup dialog box.

Figure 1-18

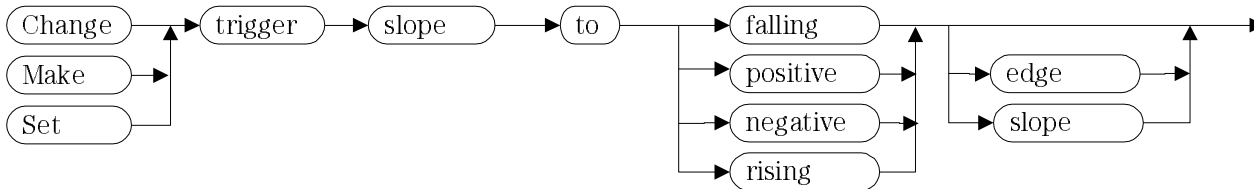


Trigger Mode Voice Commands

Trigger Slope

The Trigger Slope command sets the type of edge used by the trigger circuitry.

Figure 1-19

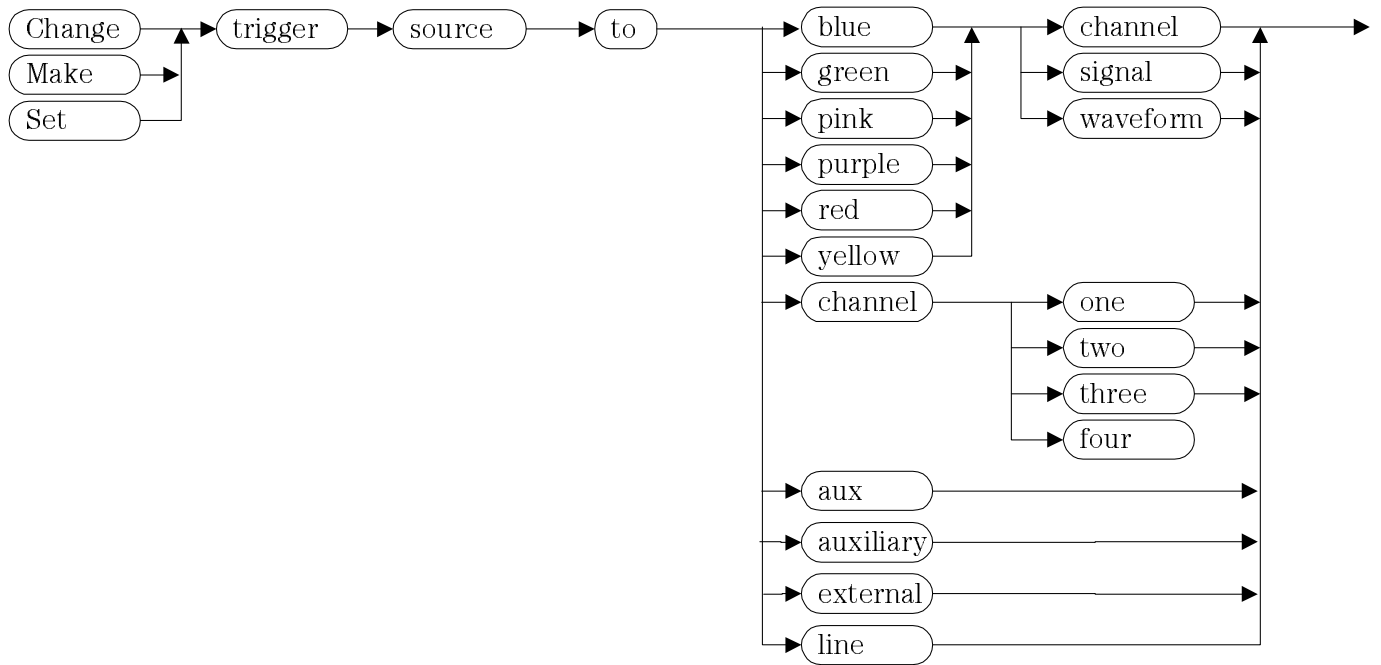


Trigger Slope Voice Commands

Trigger Source

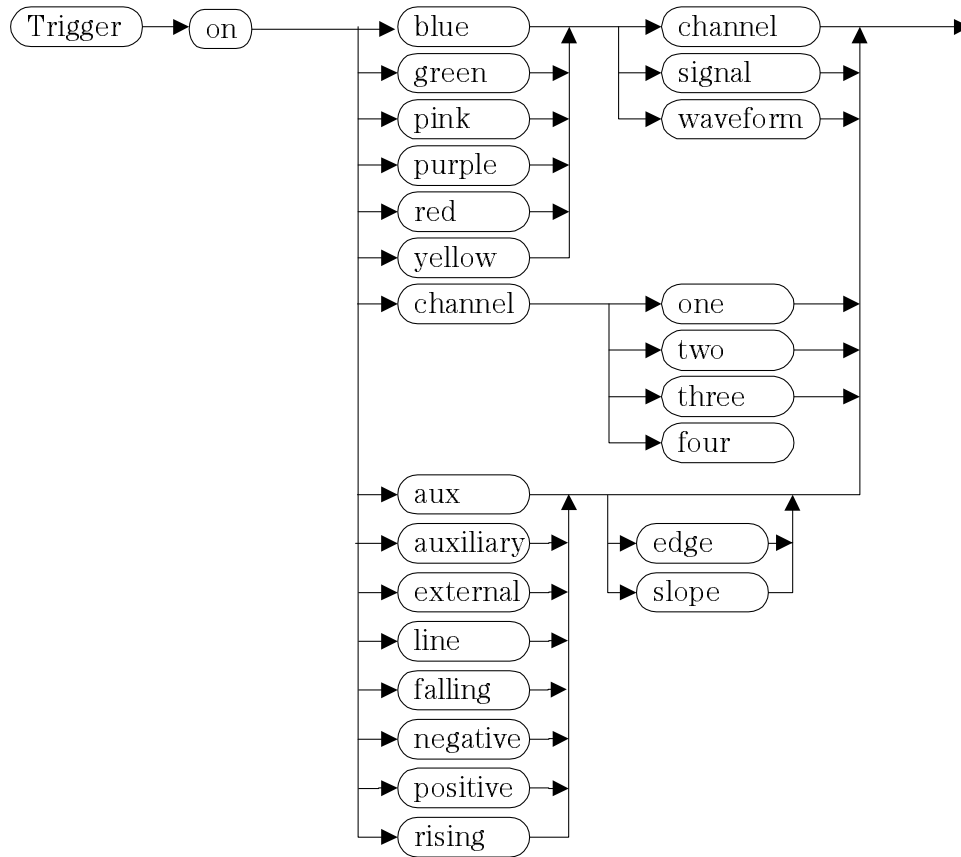
The Trigger Source command selects the input used for triggering.

Figure 1-20



Trigger Source Voice Commands

Figure 1-21

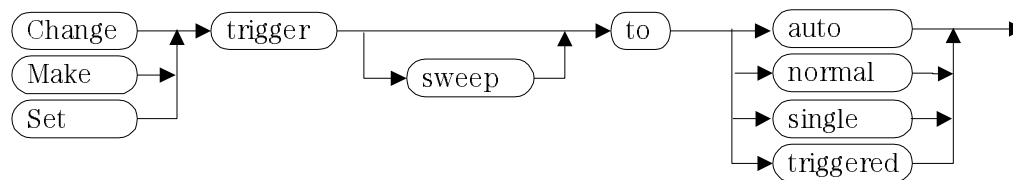


Trigger Source Voice Commands (Continued)

Trigger Sweep

The Trigger Sweep command sets the type of sweep used to trigger oscilloscope.

Figure 1-22

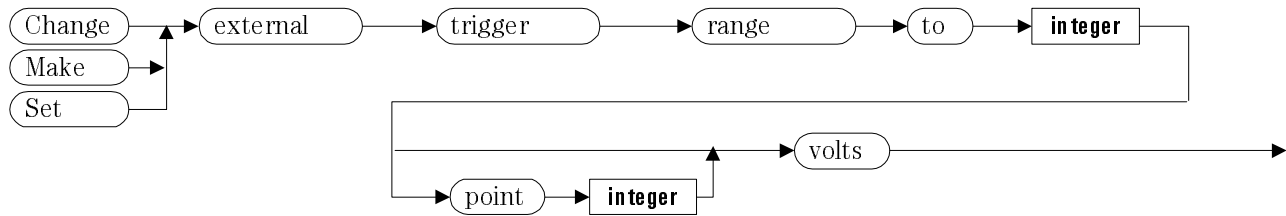


Trigger Sweep Voice Commands

External Trigger Range

The External Trigger Range command sets the volts per division for the external trigger input on two channel oscilloscopes.

Figure 1-23

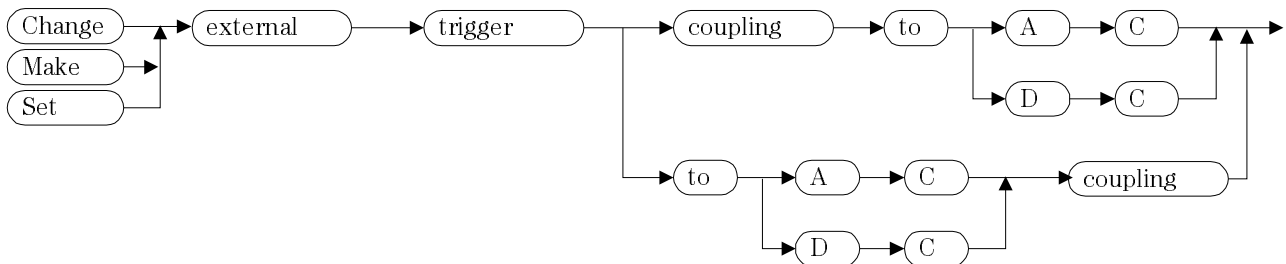


External Trigger Range Voice Commands

External Trigger Coupling

The External Trigger Coupling command sets the type of coupling used for the external trigger input on two channel oscilloscopes.

Figure 1-24



External Trigger Coupling Voice Commands

External Trigger Impedance

The External Trigger Impedance command sets the input impedance for the external trigger input on two channel oscilloscopes.

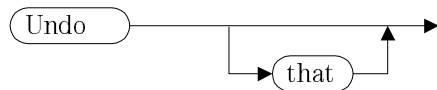
Figure 1-25

External Trigger Impedance Voice Commands

Undo Command

The Undo command undoes the effects of the previous spoken command. For example, if the previous command changed the horizontal position from 5 microseconds to 10 microseconds, then saying the voice command, Undo that, changes the horizontal position to 5 microseconds. If the next voice command is Undo that, then the horizontal position is changed back to 10 microseconds.

Figure 1-26



Undo Voice Command

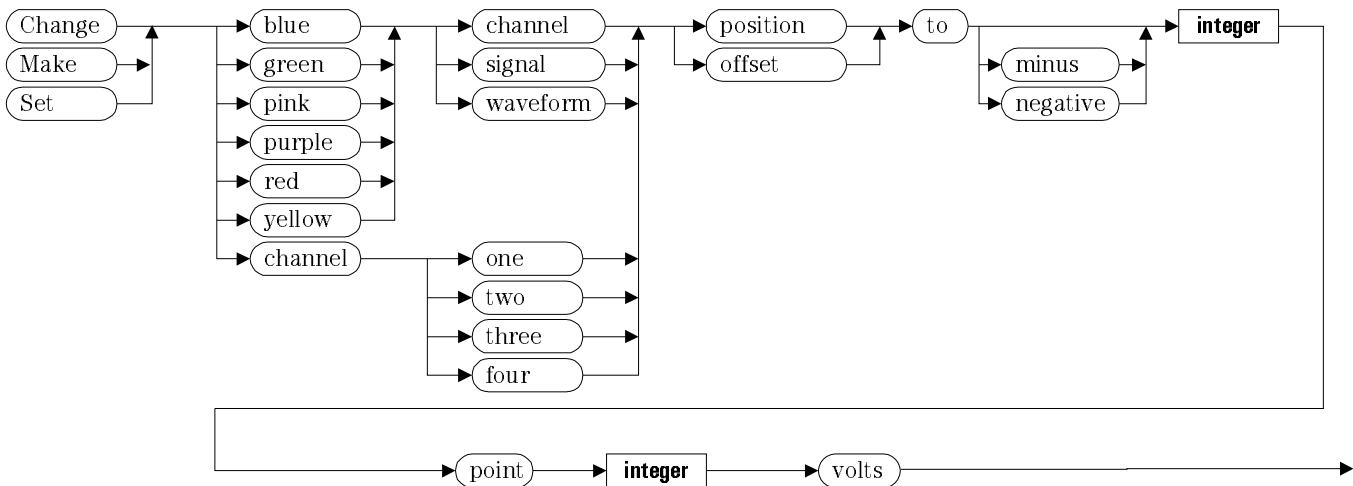
Vertical Commands

The Vertical commands are used to change the vertical offset, change the vertical scale, turn waveforms on or off, and change the input impedance and coupling.

Vertical Offset

The Vertical Offset command moves a waveform up or down.

Figure 1-27

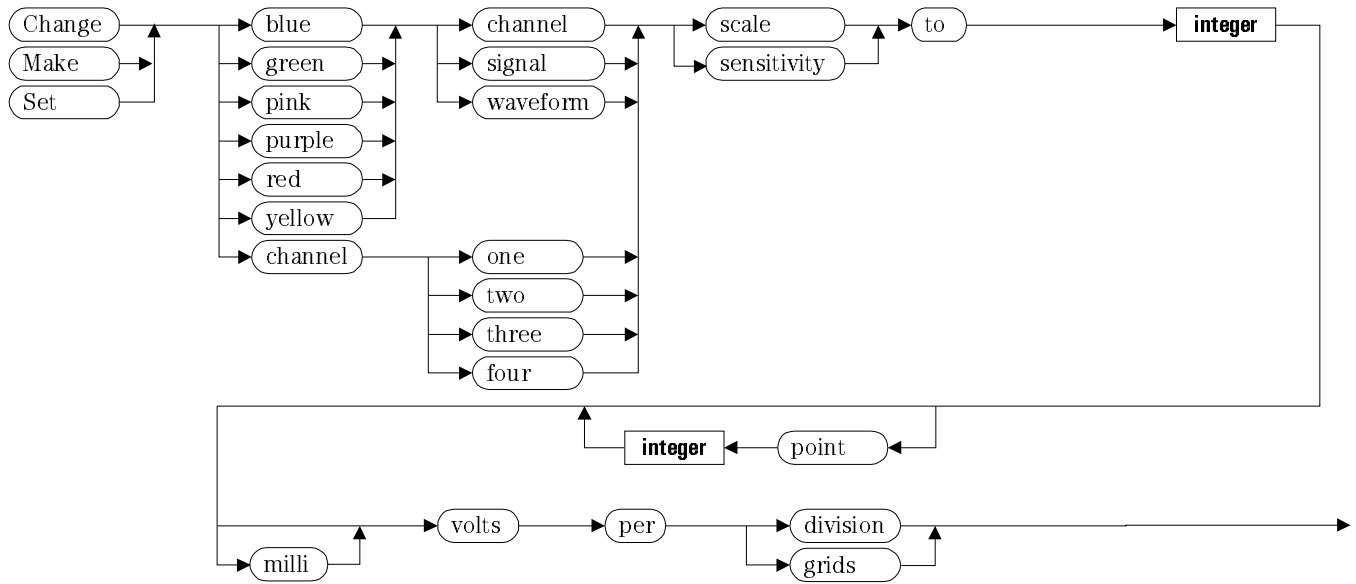


Vertical Offset Voice Commands

Vertical Scale

The Vertical Scale command changes the volts per division for a waveform.

Figure 1-28

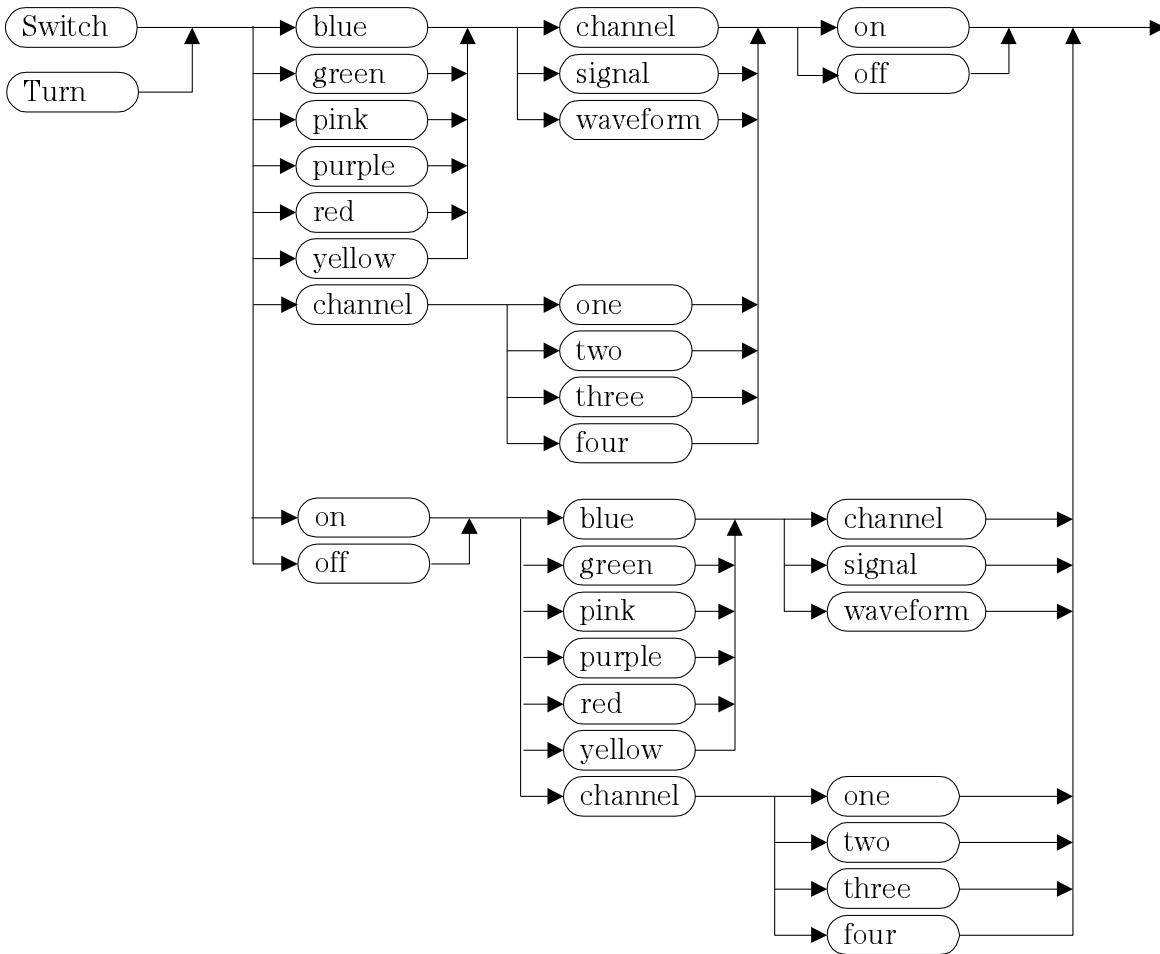


Vertical Scale Voice Commands

Viewing Channels

The Viewing Channels command turns a waveform on or off.

Figure 1-29

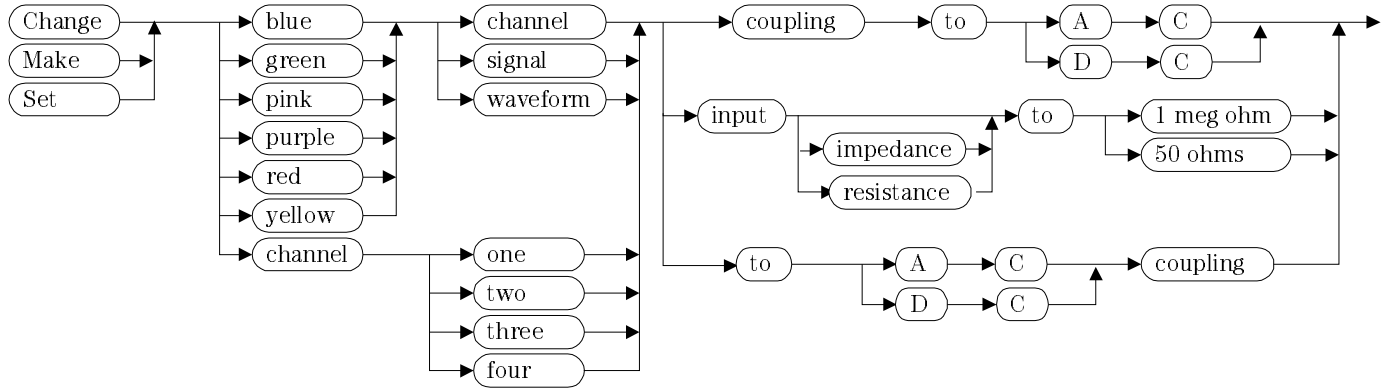


View Channels Voice Commands

Input Impedance and Coupling

The Input Impedance and Coupling commands change the input impedance and coupling for a waveform.

Figure 1-30

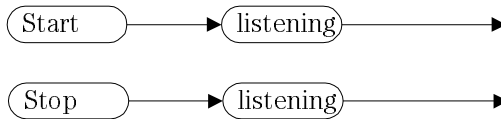


Input Impedance and Coupling Voice Commands

Voice Command

The Voice command turns the voice commands on or off.

Figure 1-31

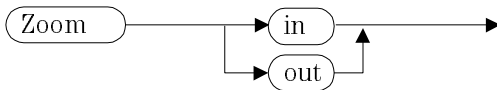


Voice Commands

Zoom Command

The Zoom command horizontally expands or contract displayed waveforms by changing the horizontal scale.

Figure 1-32



Zoom Voice Commands

