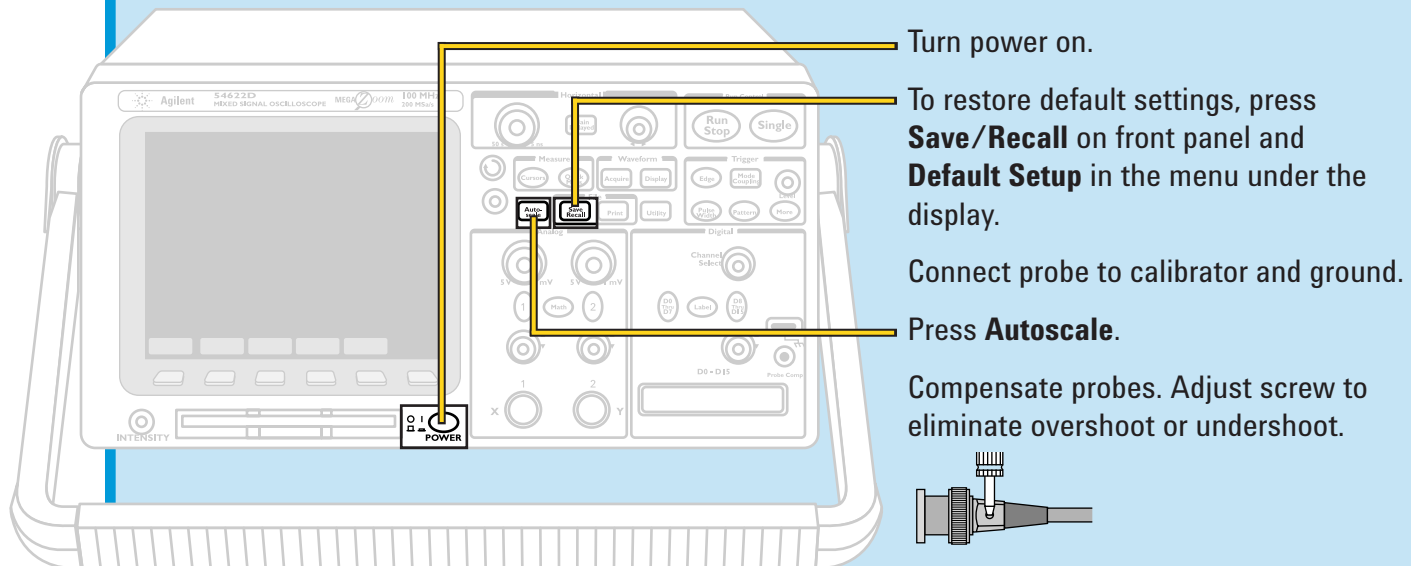


Know Your Oscilloscope

Getting Started



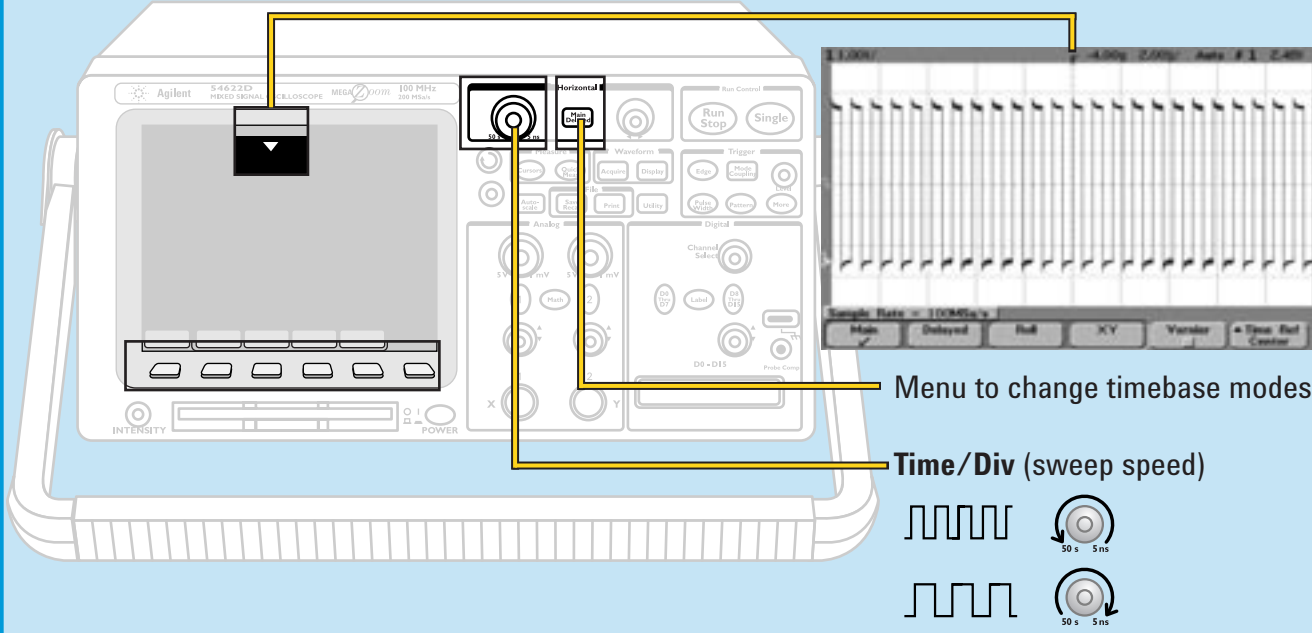
- Turn power on.
- To restore default settings, press **Save/Recall** on front panel and **Default Setup** in the menu under the display.
- Connect probe to calibrator and ground.
- Press **Autoscale**.
- Compensate probes. Adjust screw to eliminate overshoot or undershoot.

Built-in Help

- Read the Help display when you turn the scope on for helpful hints.
- Press and hold any key to view built-in quick help in choice of 11 languages.
- For example, press and hold **Pattern** key to view explanation of pattern trigger mode.

Controls

Horizontal - Time Controls

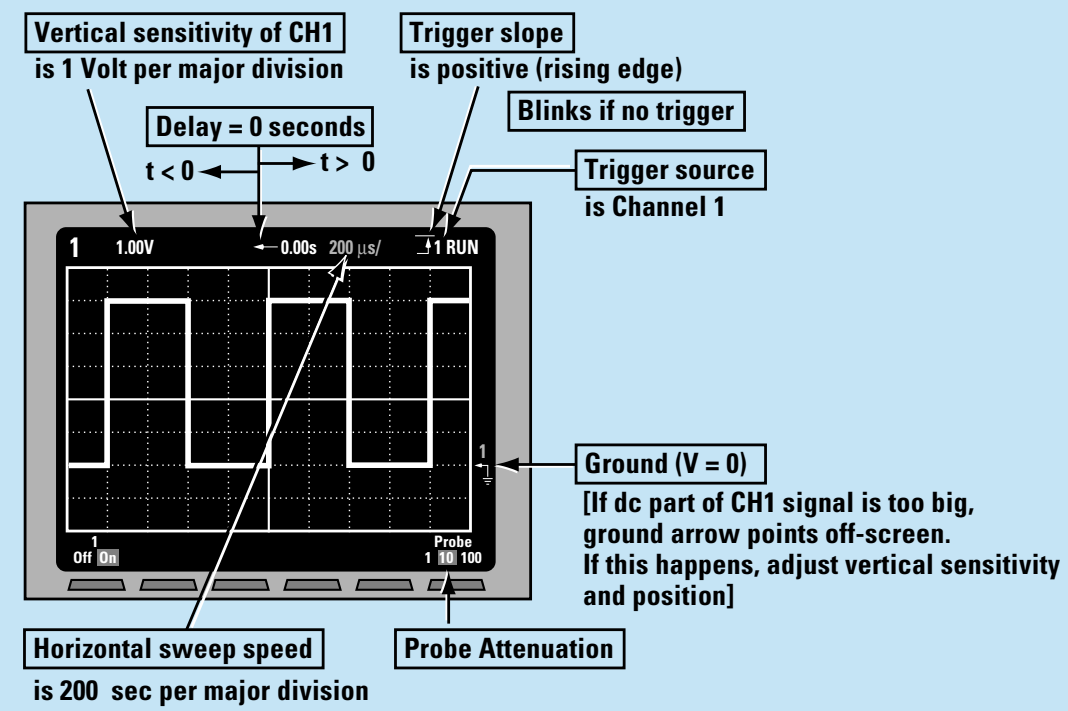


Menu to change timebase modes

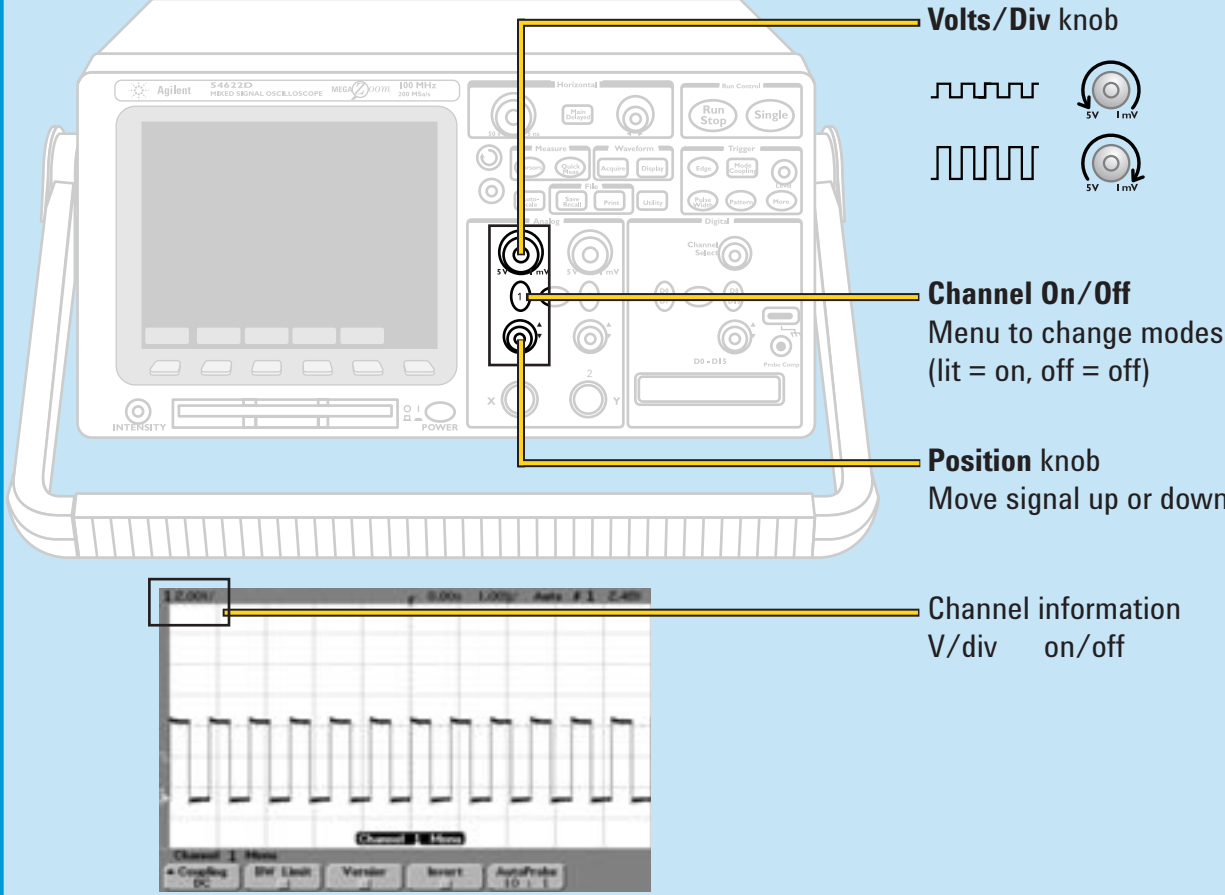
Time/Div (sweep speed)



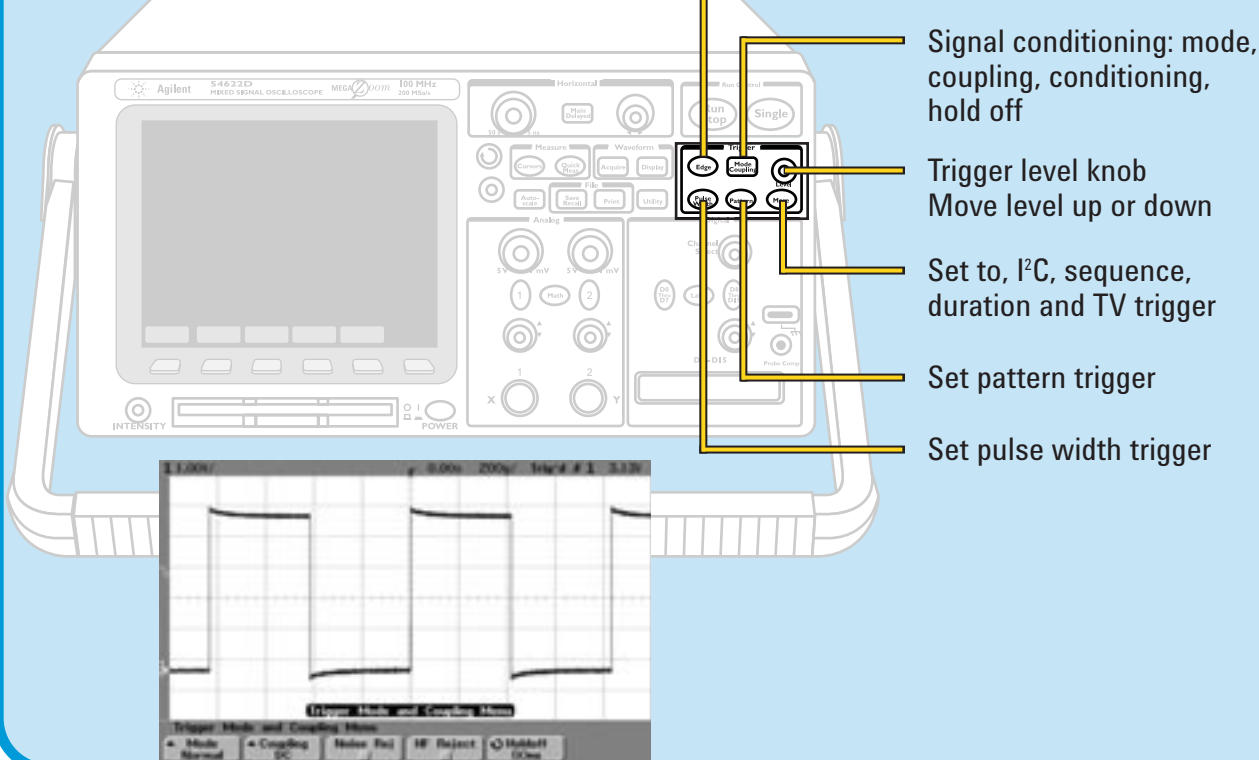
What the display says:



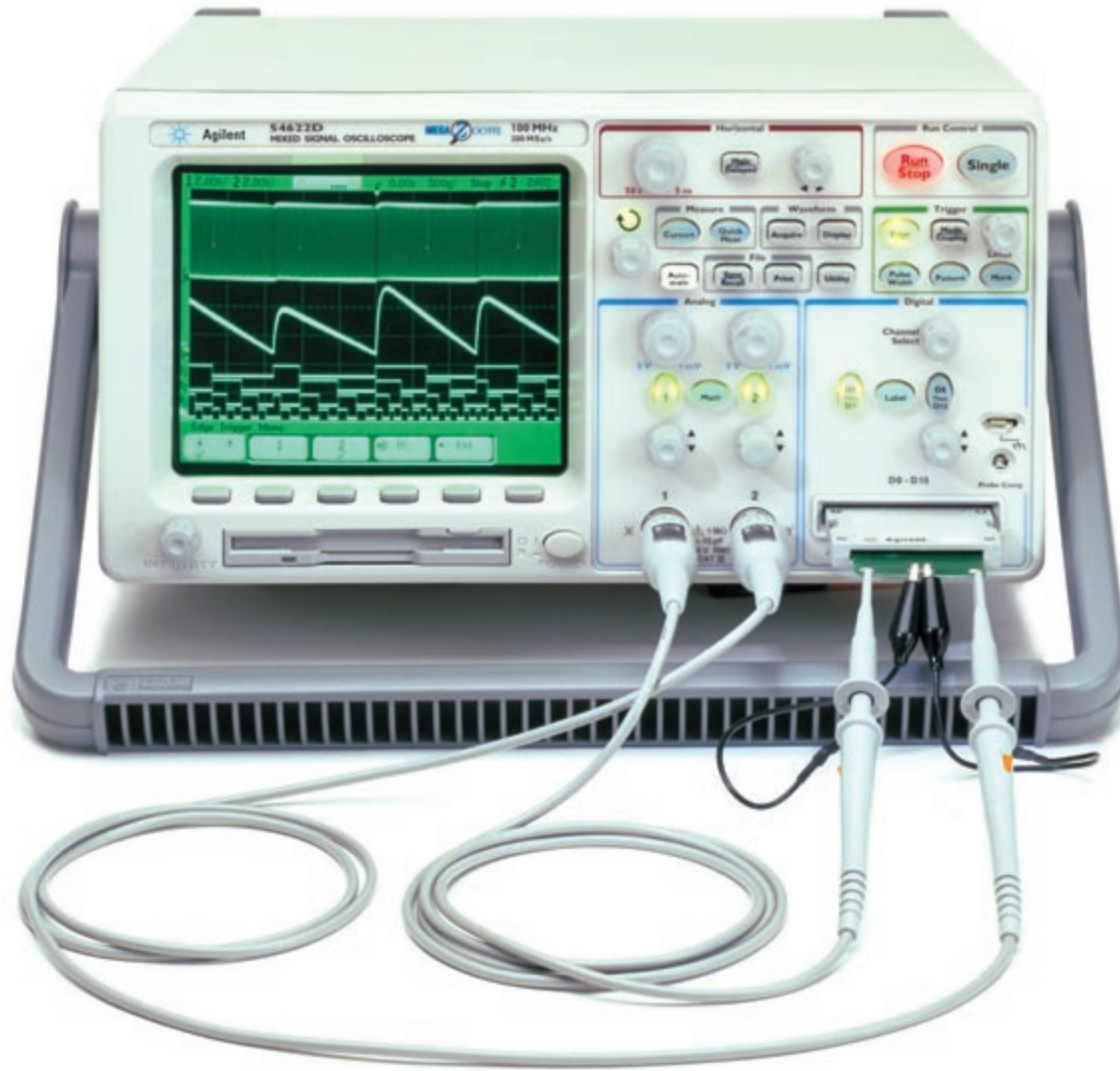
Voltage Controls



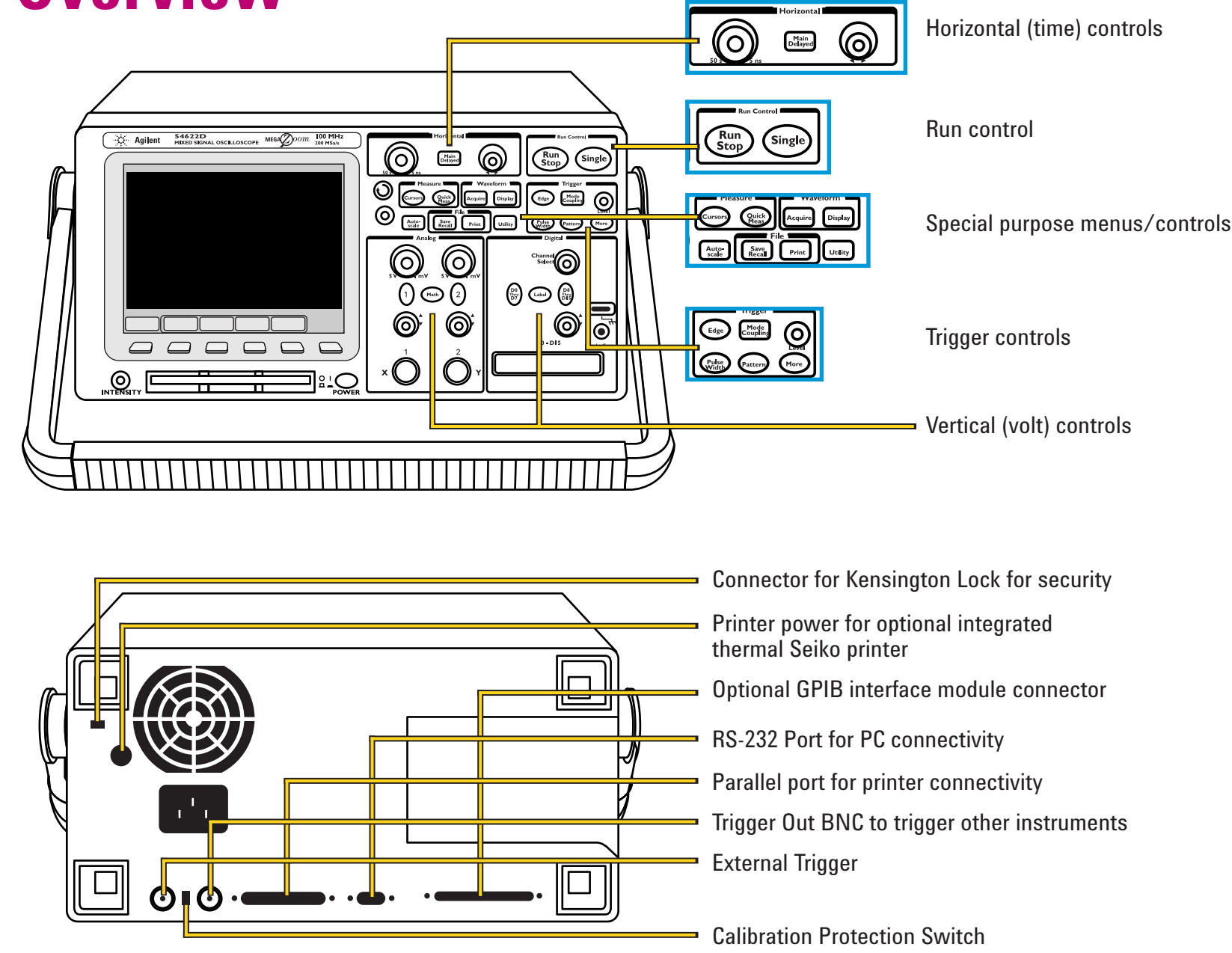
Trigger Controls



Sharing Agilent's Resources with Engineering Educators



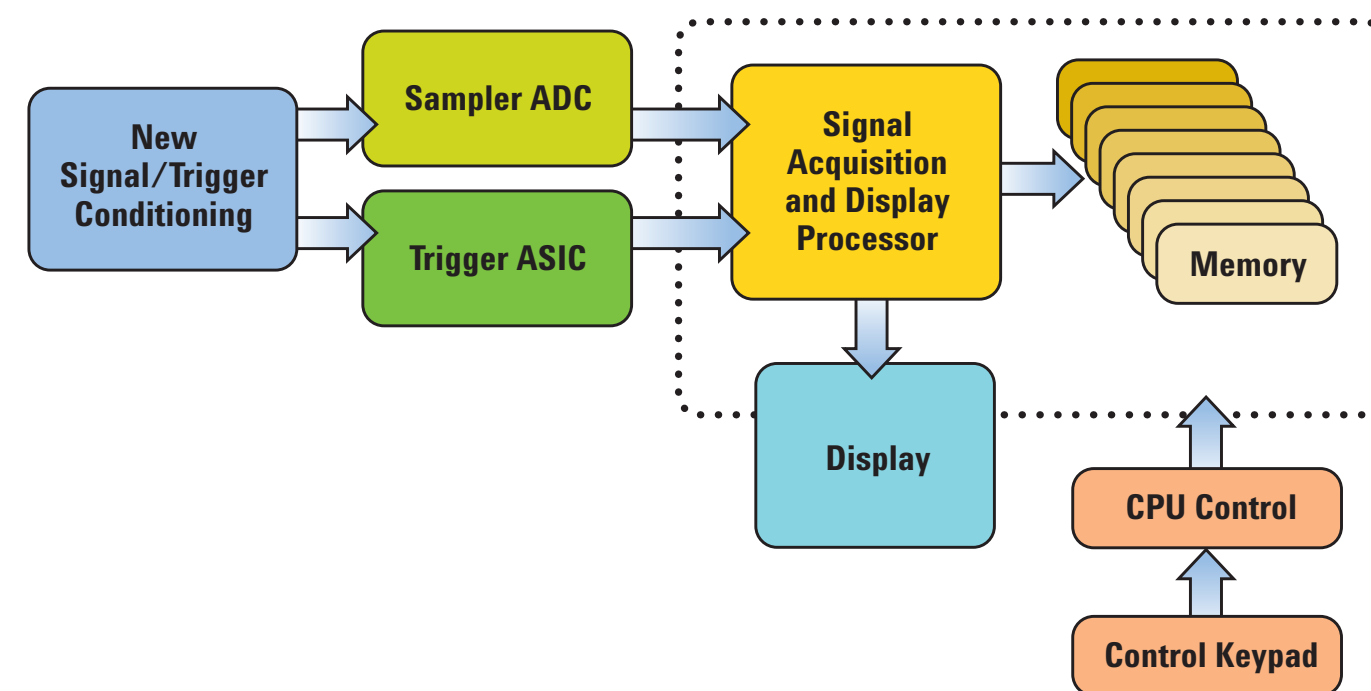
Overview



Hints

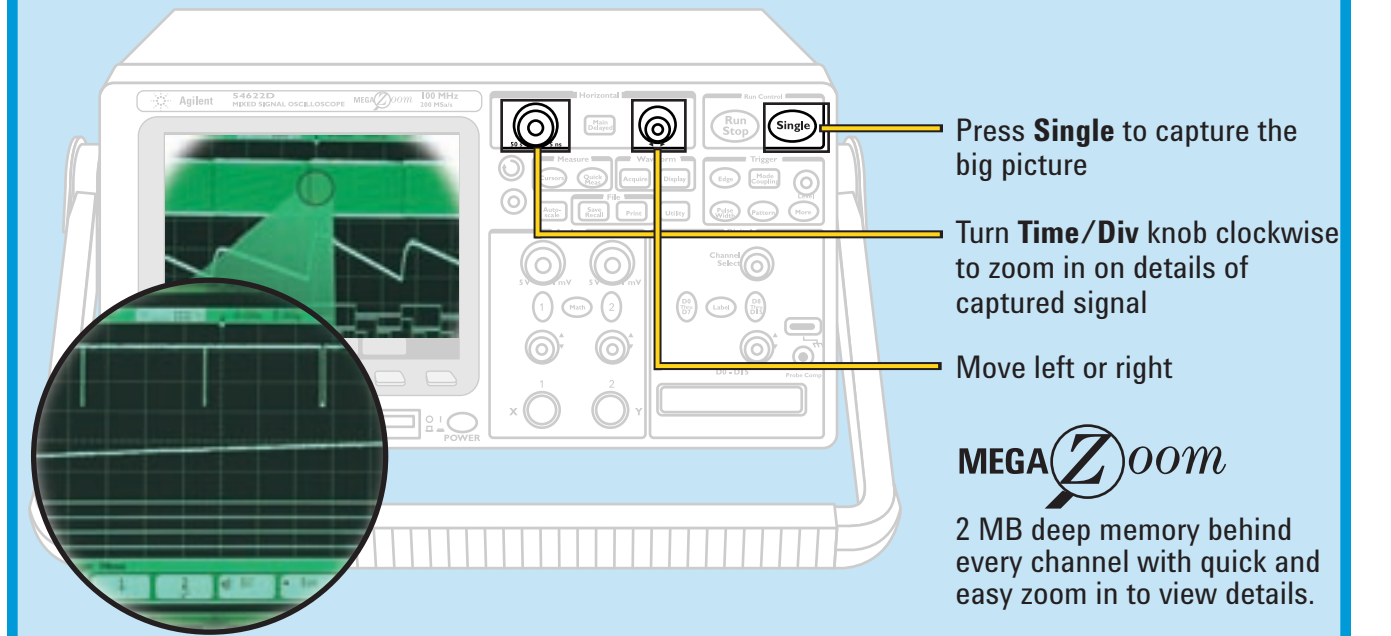
- The Digitizing Oscilloscope
- The BNC shield is at earth ground. Use only the probe TIP for measuring high voltages. "Floating" the BNC shield or connecting it to a high voltage could cause a safety hazard.
 - Make sure probes are compensated.
 - If you can't get the signal on screen:
 - Check probe connection
 - Touch: **SETUP**, Default Setup
 - Touch: **AUTOSCALE**
 - Check for offset (ground symbol). If offscale, adjust vertical sensitivity and position
 - Turn up signal brightness with intensity control

Digital Oscilloscope Block Diagram

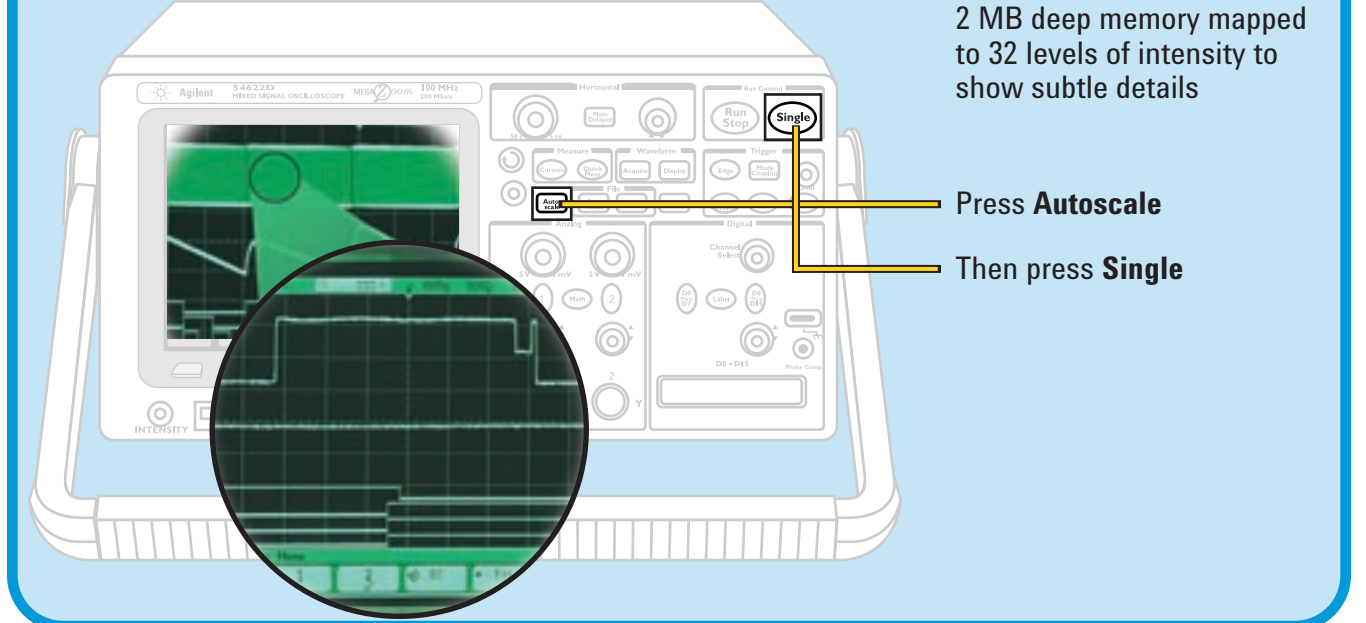


Display

MegaZoom - the deep memory advantage

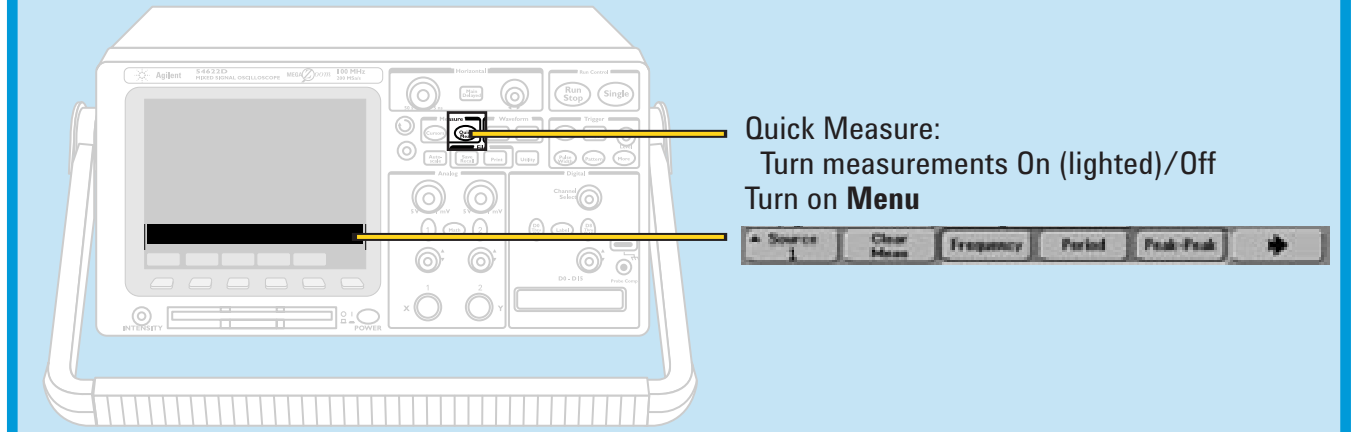


High definition Display

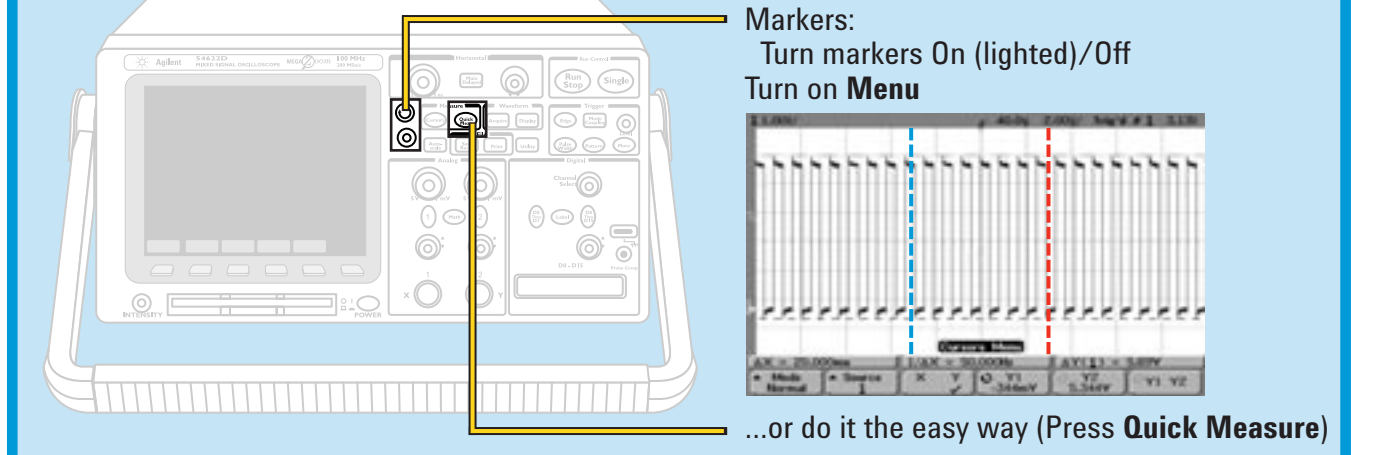


Other Functions

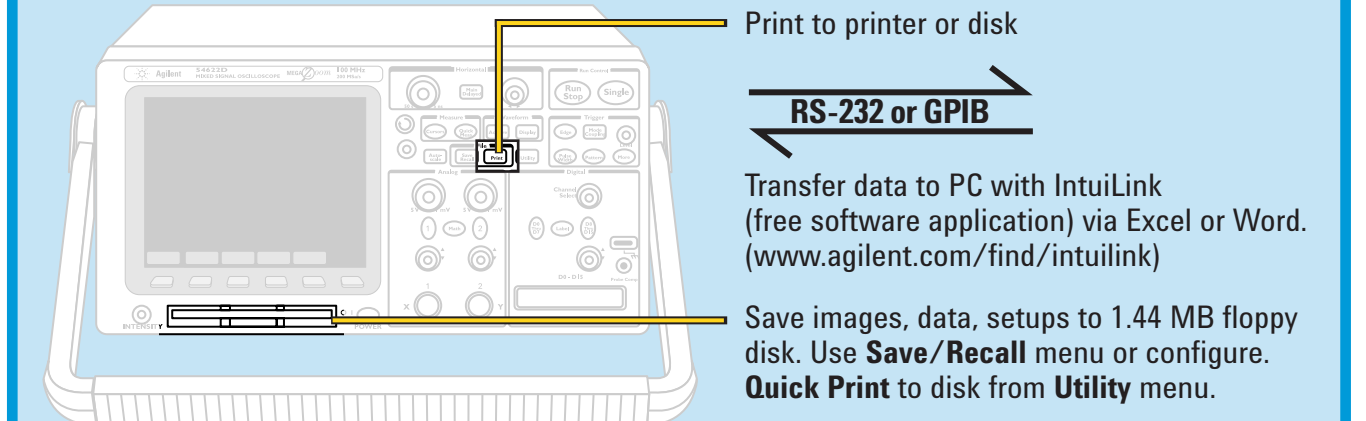
Making Automatic Measurements (Vpp, frequency, etc.)



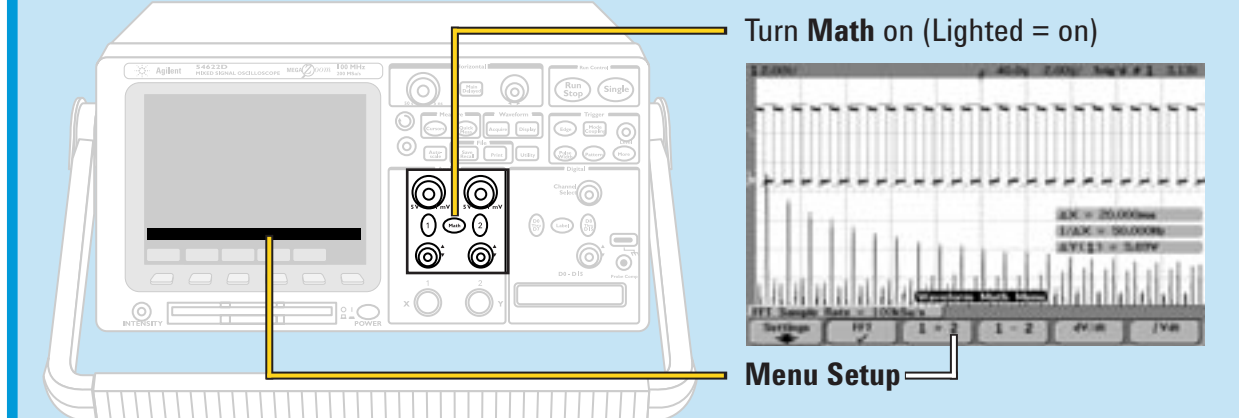
Manual Marker Control



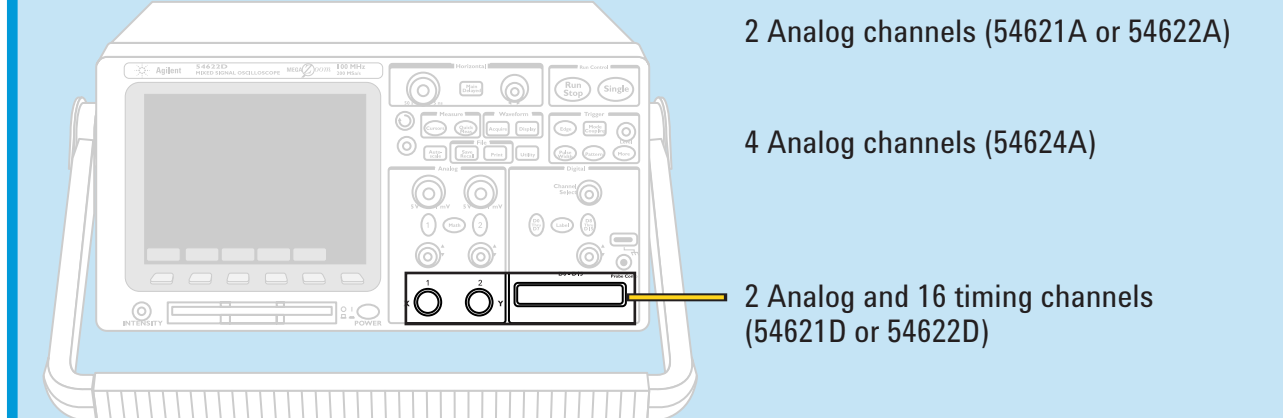
Saving Information



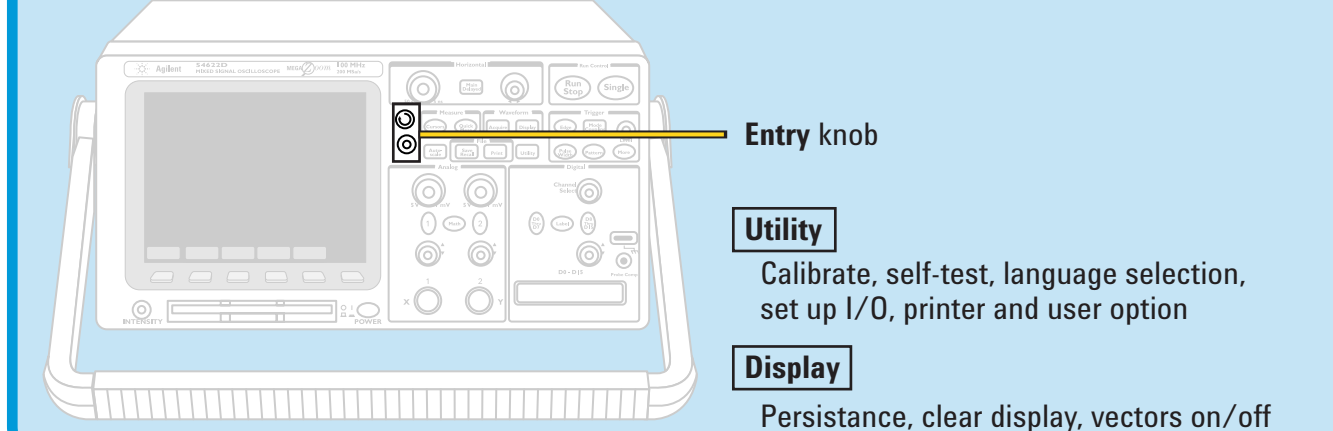
Math Functions (*, -, FFT, etc.)



Channel Configurations



Menus - Advanced Controls



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