BNC co-axial connector: connect the ground at both ends of cable









Will not see the signal if the trigger level is here

Push this "panic" button if you can't find the signal



Signal Display and Trigger

- Use channel 1 to display the input signal and channel 2 to display the output signal
- Use the "Trig Menu" button on the scope to trigger on channel 1
- This produce a more stable signal since the signal generator should produce a nice signal but the output from your circuit might be just noise, at least initially

Button to take a snap shot of signal



Push this to continuously display signal



Push the "1" button to display channel 1 connection

Button to select scale factor

Button to select AC or DC coupling ⁷



Arrow indicates 0 V

Dial for moving 0 V level (signal) up or down 8

Signal Generator

DC Offset

- By default, the signal produced by the signal generator has a DC offset
- To view if the signal has a DC offset, set the scope to DC coupling since AC coupling would not display the DC offset
 - if you don't want any DC offset, use the DC Offset knob to adjust the offset so that the signal is symmetric with respect to zero volt as indicated by the arrow on the left of the scope
- Some signal generators have a "DC Offset" button so that the DC offset can be removed but always check the offset with the scope

Signal Attenuation

• Some signal generator has a "20 dB" button to produce a smaller signal by attenuate the signal by 20 dB



Indicate 2 V per square

Indicate 250 μ s per square

Cursor button for manual measurement



Button to select amplitude (two horizontal lines) or time (two vertical lines) measurement



Push Cursor 2 button to use the dial to move cursor 2 $^{\ 12}$





