AD2 – Analog Signals

Last updated 10/7/25

Analog Discovery 2 – Analog Signals

- Create an Analog Signal - Wavegen
  - Creates time-varying voltage signals
  - 2 Channels available (W1, W2)
  - Process
    1. Select Welcome + → Wavegen
    2. Select a waveform type
    3. Select the signal characteristics

       NOTE:
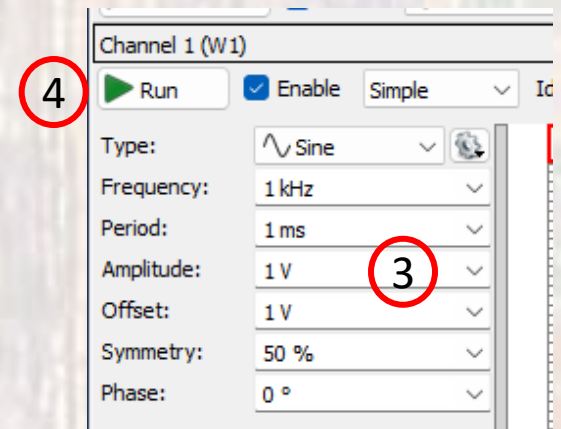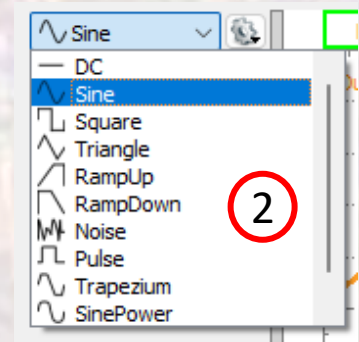
       Amplitude is +/-

       A 0-2v signal would be set to:

       Amplitude: 1v, Offset: 1v
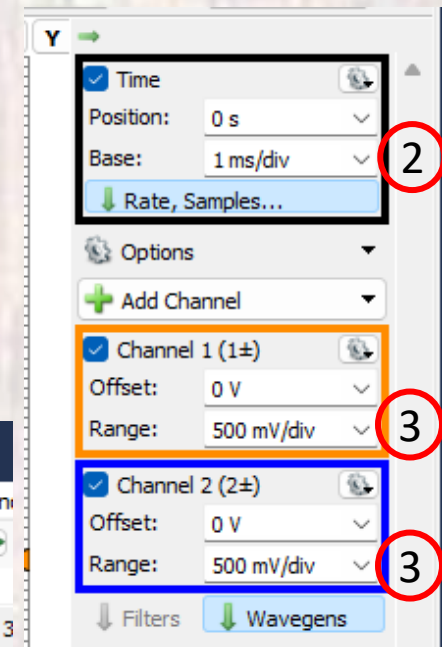   4. Select Run
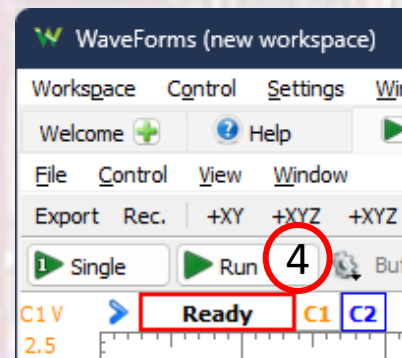   5. Adjust the controls

       as necessary

Analog Discovery 2 – Analog Signals

- Measure a time varying analog signal – Scope
  - Simplified for CPE1500
  - Measures time-varying voltage signals
  - Uses the 1+ and 2+ inputs
  - Process
    1. Select Welcome + → Scope
    2. Select a time scale (Base) appropriate for the expected signal(s) – time per graph division
    3. Select voltage Range appropriate for the expected signal(s) – volts per graph division
    4. Select Run
    5. Adjust the controls as necessary

Analog Discovery 2 – Analog Signals

- Analog signal
  - Simplified for CPE1500

Try-it
Setup a waveform with the waveform generator
Connect the 1+ input to the waveform output