Function Generator & Oscilloscope
Function Generator

• Waves
  – Square
  – Triangle
  – Sine

• Adjustments
  – Frequency
  – Magnitude
  – Offset

Scope

• Voltmeter with a time scale
• Adjustments
  – Auto Set
  – Volts / Div
  – Sec / Div
  – Position (reference marker)
  – Coupling
    • DC / AC
  – Trigger Level
Probes

• Reference
  – Internal connection
• 1x
  – Direct Connection
  – 1MΩ internal impedance
• 10x
  – Measurement divided by 10
  – 10MΩ internal impedance
  – Good for
  • High voltages
  • High frequencies
  • Sources with
    – High Z
    – Low current capability

Trigger

• Edge triggered
• Trigger level
  – Minimum voltage before triggering
  – Many other options (see menu)
Multi-meter  Scope