Elvis Function Generator Tutorial

1. Turn on the NI-ELVIS II.

2. Launch NI ELVISmx Instrument Launcher.
3. Make sure that power is on the NI-ELVIS II. Click on FGEN.

4. Set the Amplitude to 0, Select FGEN BNC for Signal Route and click Run.
5. Plug in the headphones with 1/8 to RCA and RCA to BNC adapter into the FGEN BNC on Elvis.

6. Turn up the Amplitude until you can hear the 100Hz tone. Adjust the Frequency. What is the maximum frequency you can hear?

7. Connect the FGen output to the Scope-Ch0 input and run the Scope tool from the Elvis toolbar. Observe the waveform. Measure the period and amplitude.