

Frequency Generator Instek SFG 1013 and Amplifier

Startup procedure

- A. Install black cord on right receptacle of the frequency generator (MAIN (Output) 50Ω)
- B. Turn on power to frequency generator
- C. Enter desired frequency, push "SHIFT" button and "0" to keep frequency in memory
- D. Flip up the correct toggle switches
- E. Push "OUTPUT ON" button
- F. Turn on power to the amplifier
- G. On the amplifier, **turn gain knobs together to maximum slowly**
- H. The amperes gauge on the switch box will rise to 4-6 amps
- I. **Very slowly** turn the "AMPL" knob to the right until the amperes gauge reads 13 amperes when using an ISA 750 amplifier, (turn very slowly to prevent a power surge to the capacitors in the switch box).

Shut down procedure:

- A. On the Frequency Generator turn the "AMPL" knob fully counterclockwise
- B. Turn both amplifier gain knobs fully counterclockwise
- C. Push the "OUTPUT ON" so you see no green light
- D. Turn off Frequency Generator.
- E. Only turn off the Amplifier if the fan is **blowing cool air**.