

PLACE COIL 5-6 FEET FROM ALL ELECTRONICS AND METAL

INSTEK SGF 2004

Startup Procedure:

1. Frequency generator (function generator) power button ON
2. Enter desired frequency
3. Flip correct toggle switches UP
4. Amplifier rocker switch ON
5. Amplifier gain knobs FULL ON
6. Turn frequency generator "Ampl" knob **ON SLOWLY** to **11** amps (QSC RMX 2450a), or **13** amps (QSC RMX 1850HD) maximum.
7. Turn frequency generator "Ampl" knob **ON SLOWLY** to **11** amps (QSC RMX 2450a amplifier), or **13** amps (QSC RMX 1850HD amplifier) maximum on the AC amperes meter on the Doug coil machine.

Shut down Procedure:

1. Frequency generator "Ampl" knob **OFF RATHER SLOWLY**
2. Gain knobs OFF
3. Toggle switches OFF unless you will be using the same frequency for next session.
4. Frequency generator power button OFF
5. Amplifier switch OFF **AFTER FAN SLOWS & EMITS COOL AIR**

INSTEK SGF 1003

Startup Procedure:

- A. Install black cord on right receptacle of the frequency generator (MAIN 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 **11** amperes (QSC RMX 2450a amplifier), or **13** amps (QSC RMX 1850HD 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**.