

## **Thoery of Operation**

The 88.1-107.9MHz IC oscillator drives the base of U1 the final/buffer amplifier. The modulation provided by Audio Input. The output of U1 has the matching . Network consisting of C23 and L3 that limit the harmonic content and effect the proper coupling of the antenna to the output stage.

Antenna, Ground and Power Source .There is no external antenna. There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by a 12 Volt DC battery. The Transmitter shall cease to transmit within 1 minute of removal of audio modulation.