

## **Circuit Description**

**Q1 , Q2, Q3 the 49.860 MHZ crystal oscillator drives the base of ( IC1 ) the final amplifier. Summed into the base (IC2) is the modulation by amplifier circuit with speaker.**

**The output Q1、 Q2、 Q3 has the matching network consisting of L1, L2,C1and C2 that Transmit by MIC Q4 blowup L1,L2 coupling transmit by radio limit the harmonic content and effect the proper coupling of the antenna to the output stage.**

### **Antenna, Ground and Power Source**

**The antenna consists of a 25cm long whip antenna. There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by a 3 Volt primary storage cell.**