

## Circuit Description

**Q1 the 49.860MHZ crystal oscillator drives the base of IC386 the final amplifier.**

**Summed into the base (IC386) is the modulation by amplifier ccircuit with speaker.**

**The output Q1 has the matching network consisting of L1, L2,C2and C3 that 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 85mm 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 6 Volt primary storage cell.**