

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.