

RC FLYING SAUCER

Circuit Description

Model: HV-18

The 49.860MHz crystal oscillator drives the base of Q1 the high frequency amplifier. The modulated frequency provided by IC U1(PT8A977B). The output of Q2 has the matching network consisting of L2, L3, C7, C8, C9 and R11 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 42.5cm long telescoping chrome over brass tubing. There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by 9V primary batteries.