

OPERATIONAL DESCRIPTION

X1 is the crystal controller oscillator. Q2 is the RF amplifier. IC1 is the modulation source which is applied to the base of Q2. The antenna coupling and harmonic suppression components are O6, C7, L3, C8, and L4.

Power is supplied via a 9V primary cell battery and regulated down to 5.1 Volts by diode D6. This device has no external ground connection and the printed circuit board traces are the only ground connection.

The antenna is a permanently attached 9 inch long piece of wire.