

#### Circuit description for TAIYO KOGYO transmitter

Switches S1 thru 8 activate IC1 the encoder integrated circuit used as the modulation of the RF carrier. The RF carrier is formed by Q1 and crystal X1. Q2 is the oscillator buffer/ RF amplifier transistor. C7, C8, L3, and L4 act as the antenna matching network and harmonic suppression. Energy is supplied by a 9V battery.

The antenna and ground system consist of a short piano wire 6 inches in length. The unit has no external ground connection. The pcb board traces are the only ground.

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