

FCC ID: KNZ27130T49MHZ

CIRCUIT DESCRIPTION:

In the transmit mode the momentary switches SW-L, SW-R, SW-B, & SW-F provide input to the encoder integrated circuit TX2. The output of TX2 modulated the RF oscillator Q2 by varying the supply voltage going to Q1 & Q2. The RF frequency is determined by the crystal Y1 and the crystal oscillator Q2. The output of Q2 is coupled to Q1 the output stage via C6. From Q1 the signal is fed through a low pass filter made up of L2, C9, C10, L3 and C1 to the antenna.

ANTENNA AND GROUND:

This unit makes use of a short, antenna. The antenna is inductively coupled. The antenna is self contained, no provision is made for an external antenna. This unit is powered from a 9.0V battery.

No ground connection is provided. The unit relies on the ground tract of the printed circuit board.