

Model: FL2013C (Transmitter portion)
Technical Description of Transmitter

The transmitter operates at 27.145 MHz, and controls a receiver to move left, right, forward and backward.

The circuit of the transmitter comprises of,

1. Encoding keys
consisting: LEFT, RIGHT, FORWARD, BACKWARD
2. An RF Oscillator
consisting: Q1, Y1 (27.145MHz crystal)
3. Modulator and Amplifier
consisting: Q2
4. Filter
consisting: C3, C6, C7
5. An Encoder, Mixer
consisting: JP1 (TX-2)
6. A Power Supply
consisting: 1 x 9V Alkaline Battery

The transmitter uses an external, integral and non-detachable antenna.

The nominal rated field strength is 70.6dBuV/m @ 3m
Production tolerance of field strength is +/- 3dB
Antenna gain is 0dBi