

Model: **37020** (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. An Encoding keys  
consisting: LEFT, RIGHT, FW, BW
2. An RF Oscillator  
consisting: Q2, Y1 (27.145MHz crystal)
3. Filter  
consisting: L2, C1, C2, C3
4. An Encoder, Mixer and Amplifier  
consisting: U1 (ICC-534)
5. A Power Supply  
consisting: Three 1.5V AAA batteries

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

The nominal rated field strength is 64.5dBuV/m @ 3m  
Production tolerance of field strength is +/- 3dB  
Antenna gain is 0dBi