

Model: 37021 (Transmitter portion)
Technical Description of Transmitter

The transmitter operates at 27.145 MHz, and controls the corresponding receiver to move forward, backward, left, right light and sound or burn out.

The circuit of the transmitter comprises of,

1. An Encoding circuit

Consisting: K1, K2, K3, K4, K5, K7, AM5AC005X

2. A RF Oscillator

(27.145MHz) Consisting:

Y1

3. A Filter Network

Consisting: C1, L5, C2, C3, L3

4. A RF Modulator and Amplifier

Consisting: Q1, Q2

5. A Power Supply

Consisting: 3 x AAA size batteries

The transmitter uses an external, integral and telescope-type.

Antenna Gain: 0dBi

Nominal rated field strength: 70.6dB μ V/m at 3m

Maximum allowed field strength of production tolerance: +/- 3dB