

Model: 56812 (Transmitter portion)
Technical Description of Transmitter

The transmitter operates at 49.860 MHz, and controls the corresponding receiver to move forward, backward, left, right.

The circuit of the transmitter comprises of,

1. An Encoding circuit
Consisting: IC1 (8A977) and four switches (L,R,B,F)
2. A RF Oscillator (49.860MHz)
Consisting: X1, Q2
3. A Filter Network
Consisting: C1,C2,VL1
4. A RF Modulator and Amplifier
Consisting: Q1
5. A Power Supply
Consisting: 9VDC Alkaline Battery
6. Regulator
Consisting: D1
7. Clock Frequency Generation
Consisting: R6 (220kohm) Internal clock Oscillation 128KHz

The antenna used:
External, dedicated with telescope type antenna with unique antenna connector.

Antenna Gain: 0.5dBi
Nominal rated field strength: 75.1dBuV/m at 3m
Maximum allowed field strength of production tolerance: +/- 5dB