

Model: SMR005 (Transmitter portion)  
Technical Description of Transmitter

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

The circuit of the transmitter comprises of,

1. An Encoding circuit

Consisting: S1, S2 ,S3 S4, U1

2. A RF Oscillator (49.860MHz)

Consisting: Y1

3. A Filter Network

Consisting: C14, C15, L2, C8, L3, L4, C9

4. A RF Modulator and Amplifier

Consisting: Q1, Q2

5. A Power Supply

Consisting: 3 x AA size batteries

6. Regulator

Consisting: IC2A,IC2B

7. Charging Circuit

Consisting: Q5, J1-2,J1-1

8. Clock Frequency

Consisting: Y2

The antenna used:

An external, unique dedicated- telescope type antenna has been used.