

FCC ID: V9Q-94140F27  
Model: 94141 (Transmitter portion)  
Technical Description of Transmitter

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

The circuit of the transmitter comprises of,

1. Control buttons

Consisting: K1, K2, K3 and K4

2. An Encoding circuit

Consisting: IC1 (TX-2)

3. A RF Oscillator (27.145MHz)

Consisting: X1, Q1

4. A Filter Network

Consisting: L3,L4,C3,C7 and C8

5. A RF Modulator and Amplifier

Consisting: Q2

6. A Power Supply

Consisting: 4.5VDC (3 x 1.5V AAA size batteries)

Antenna Gain: 0dBi

Nominal rated field strength: 56.8dB $\mu$ V/m at 3m

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

The transmitter uses an external, integral antenna.