

FCC ID: OTM-89023-49MTX  
Model: 89033 (Transmitter portion)  
Technical Description of Transmitter

The transmitter operates at 49.86 MHz, and controls the corresponding receiver to move forward, backward, left and right.

The circuit of the transmitter comprises of,

1. Control buttons

Consisting: S1, S2, S3, S4

2. An Encoding circuit

Consisting: IC1 (977)

2. A RF Oscillator (49.86MHz)

Consisting: Y1, Q1

3. A Filter Network

Consisting: T1, C8-1, C5, C4, L3

4. A RF Modulator and Amplifier

Consisting: Q2

5. A Power Supply

Consisting: 9VDC (1 X "9V" block battery)

6. Regulator

Consisting: D1, C6

Antenna Gain: 0dBi

Nominal rated field strength: 57.6dB $\mu$ V/m at 3m

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

The transmitter uses an external and detachable dedicated antenna.