

FCC ID: OTM-85021-49MTX
Model: 85101 (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. An Encoding circuit
Consisting: SW1, SW2, SW3, SW4, IC1 (977)
2. A RF Oscillator (49.86MHz)
Consisting: TX1, Q1
3. A Filter Network
Consisting: T1, C6, C7, C8, L3
4. A RF Modulator and Amplifier
Consisting: Q2
5. A Power Supply
Consisting: 9VDC (1 X "9V" battery)
6. Regulator
Consisting: ZD1, C9

Antenna Gain: 0dBi

Nominal rated field strength: 68.9dB μ V/m at 3m

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

The transmitter uses an external and telescope antenna with unique antenna connector.