

Model: **37016** (Transmitter portion)
Technical Description of Transmitter

The transmitter operates at 49.860 MHz, and controls a receiver to move left, right, forward, backward or turbo.

The circuit of the transmitter comprises of,

1. An Encoding keys
consisting: LEFT, RIGHT, FORWARD, BACKWARD, TURBO
2. An RF Oscillator
consisting: Y1 (49.860MHz crystal), Q2
3. Filter
consisting: C1, C2, C3, L2
4. An Encoder, Mixer and Amplifier
consisting: U1 (ICC-531)
5. A Power Supply
consisting: Three 1.5V AAA batteries

The transmitter uses an external, integral and non-detachable antenna.

The nominal rated field strength is 72.5dBuV/m @ 3m
Production tolerance of field strength is +/- 3dB
Antenna gain is 0dBi