

Model: YD2013 (Transmitter portion)
Technical Description of Transmitter

The transmitter is operating at 49.860 MHz as dictated by a crystal. The EUT has two forward or backward control levers to control the left wheel and right wheel of the receiver.

The circuit of the transmitter comprises of,

1. Encoding circuit
Consisting: IC1 (HEADER 7X2)
2. RF Oscillator
Consisting: TX1 (49.860MHz)
3. Amplifier and modulator
Consisting: Q1
4. Filter
Consisting: C9, L1,C3
5. Power Supply
Consisting: One 9.0V battery

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

The nominal rated field strength is 72.6dBuV/m @ 3m

Production tolerance of field strength is +/- 3dB

Antenna gain is 0dBi