

Model: **AP-1032** (Transmitter portion)
Technical Description of Transmitter

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

The circuit of the transmitter comprises of,

1. An Encoding keys
consisting: LEFT, RIGHT, FORWARD, BACKWARD
2. An RF Oscillator
consisting: Q4, X1 (27.145MHz crystal)
3. Filter
consisting: C9, L4, C12
4. An Encoder, Mixer and Amplifier
consisting: U1 (NY4P005A), Q3
5. A Power Supply
consisting: 4 x 1.5VDC AA size batteries
6. Charging
consisting: U2 (IC-CE4054-SOT-23-5L), Q1

The transmitter uses an external, dedicated antenna.

The nominal rated field strength is 73.1dBuV/m @ 3m
Production tolerance of field strength is +/- 3dB
Antenna gain is 0dBi