

FCC ID: 2AC9DHD2015A49
Model: HD2015A (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: L, R, B, F and IC1 (RSTX-2)

2. A RF Oscillator (49.86MHz)

Consisting: X1, Q1

3. A Filter Network

Consisting: L2, C5, C4

4. A RF Modulator and Amplifier

Consisting: Q2

5. A Power Supply

Consisting: 3VDC (2 X 1.5V "AA" size batteries)

Antenna Gain: 0dBi

Nominal rated field strength: 75dB μ V/m at 3m

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

The transmitter uses an external, integral antenna