

**Model: 5F60C2A (Transmitter portion)**  
**Technical Description of Transmitter**

The transmitter operates at 49.860 MHz, and controls the corresponding receiver to move forward, backward, left, right.

The circuit of the transmitter comprises of,

1. An Encoding circuit  
Consisting: U1 (TT10S SOP16) and Five switches (LEFT, RIGHT, BW, TURBO, FW) , Y2 (455kHz) is system clock for U1
2. A RF Oscillator (49.860MHz)  
Consisting: Y1 (49.860MHz) , Q2
3. A Filter Network  
Consisting: L1, C3, C2
4. A RF Modulator and Amplifier  
Consisting: Q1
5. A Power Supply  
Consisting: 6VDC (4 X 1.5V "AAA" batteries)

The antenna used:  
External, integral antenna.

Antenna Gain: 0dBi  
Nominal rated field strength: 72.2dBuV/m at 3m  
Maximum allowed field strength of production tolerance: +/- 3dB