

## Model: 60321 (Transmitter portion)

### Technical Description of Transmitter

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

The circuit of the transmitter comprises of,

1. An control circuit (control buttons)  
consisting: Forward, Backward, Left, Right control Keys
2. An RF Oscillator and RF Power Output Stage  
consisting: Y1,Q1,Q2
3. An Antenna Matching Network  
consisting: C12, T1
4. An Encoder  
consisting: U1 (TT10S), X1 (455kHz crystal, generates clock for U1)
5. A Power Supply  
consisting: two 1.5V AAA batteries

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