

Operation Description of transmitter for Radio Control Mini Racer

The transmitter for remote control toy car operates at 49.860 MHz which is controlled by a crystal. It is powered two 1.5 V AA size batteries. It has auto power off feature, and there are four main buttons to control forward, backward, left and right movement. It also has a charging terminal at the bottom of the product for charging the toy car.

Refer to the circuit design, the circuit description is listed as follows :

- TX2 and associated circuit act as encoding
- A 49,860 MHz Oscillator, Q1 and associated circuit act as oscillation
- Q2 and associated circuit act as amplification