

Operation Description of transmitter for Radio Control Toys – Turbo Twister Rx

The Turbo Twister Rx is a super regenerative receiver operating at 49.860 MHz which is controlled by a LRC circuit. It is powered by 6V d.c.(AA size batteries). When it received a forward or backward signal, it will go forward or backward. When received left or right signal, it will turn left or right.

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

- Q1, L1 and associated circuit act as super regenerative
- IC1 and associated circuit act as encoder
- Q2, Q3, Q6, Q7, Q10, Q11 and associated circuit act as M1 Motor control
- Q4, Q5, Q8, Q9, Q12, Q13 and associated circuit act as M2 Motor control