

## **Operation Description of transmitter for Radio Control Toys – Turbo Twister Tx**

The Turbo Twister Tx is a transmitter operating at 49.860 MHz which is controlled by a crystal. It is powered by 9V battery. There are two control sticks on the front side of the transmitter. When the left and right control stick is pushed once, it will transmit a radio frequency for receiver forward, backward, turn left and turn right.

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

- X1 and associated circuit act as oscillator
- Q2 and associated circuit act as amplifier
- IC1 and associated circuit act as encoder