

## Operation Description

The transmitter of the 12" RC Movie Dalaks and 12" RC TV Daleks (27MHz) is powered by a 9V size battery. The radio frequency channel is 27.145MHz. There are two control buttons on the transmitter. When the control buttons are pressed, it will transmit different radio control signals to the receiver.

Referring to the transmitter circuit design, the circuit description is listed below:

- U1, Q3 and associated circuit act as an encoder.
- Y1, Q1 and associated circuit act as an oscillator.
- Q2 and associated circuit act as a RF amplifier.