

## **Operation Description for XPV Terranator**

The XPV Terranator is powered by 1 x 9V size battery. The radio frequency channel is 27.145MHz. The encoder U1 is responsible for output different code signal to receiver and function control. The crystal Y1 and transistor Q3, Q5 is an oscillator circuit which generate the radio frequency. The transistor Q4 is a amplifier for transmit the radio signal to receiver.