

## **49.860MHz transmitter operational description of Morphibian**

The transmitter send out 49.82MHz ~49.90MHz signal of high frequency to control the cat move which supply voltage is 9.0volts with battery. Please consult with added block diagram and schematic .

When the user pulls the two trigger to up and down (schematic presents with S2~S5),the IC U1 high voltage enters into GND. these signal is processed by IC and sent out through Q1,X1,L1,C1 makes up of oscillator,which generated base oscillatory signal .The signal of R,L,F, and B come by L5,C3,L4,C4,C5 and fixed 49.860MHz of high frequency, it is sent out.

D1 LED acts as a power –on indicator .

All tuning and verifications are performed by the manufacturer and there are no adjustment which can be made by the user .No external ground is required or used with this transmitter .