

49.860MHz transmitter operational description of Monster

The transmitter send out 49.860MHz signal of high frequency to control the cat move ,which supply voltage is 9.0V battery. Please consult with added block diagram and schematic .

When the user pulls the trigger or pulls the whirlabout (schematic presents with SW2~SW5),the IC(w55RF27T3B) high voltage signal enters into GND .these signal is processed by IC and sent out through ANT-6 pin of IC .Y1,R2,C8,C11,L5 makes up of oscillator ,which generated base oscillatory signal .The signal of R, L, F and B come by L4,C5,L3,L1,C1 and fixed 49.860MHz of high frequency, is sent out.

In the IC inner , the input signal need be enlarged and this function need voltage too . The voltage is supplied by the power through L2 .

A LED acts as a power –on indicator .D2 is voltage regulator for IC.

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 .