

Operation Description for JG5000 Super Motor

The JG5000 Super Motor is Radio Control TV game play set. There are powered by 4 x V 1.5V AA size batteries and the radio frequency channel is 2.450GHz. The transmission technique is Spread Spectrum which used DSSS method.

There are 4 control triggers on the EUT. When the trigger is pressed once, it will transmit different radio control signal to receiver for control and play the game on TV.

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

- X1 and associated circuit act as crystal for UZ2400.
- UZ2400 and associated circuit act as 2.450GHz RF module.
- GPC41A2 and associated circuit act as encoder.