

JADA TOYS CO., LTD

Project No. : 96336

Model Name : 9" TURBO FLIP RC

Transmitter and Receiver Circuitry Operating Description

In Transmit Mode:

Transmitter: When the power switch S1 turns to "ON", Q1 and the Y1 crystal produce a carrier frequency, press one of the keys F, B, The Encode IC U1 RL-GSTX2 pin8 gives the signal out to Q2, and mixed the carrier frequency signal, after Q2 amplifier the signal and transmit to antenna.

A 9V battery supplies energy.

In Receive Mode:

Receiver: When the power switch ON/OFF turns to "ON", The modulation signal receive from the antenna and pass to local oscillation and demodulation from Q1, The encoding signal transfer to Encoding IC U1 GANP12B, after decoding the direct control signal go to the motor driver unit. The Q4~Q7 control motor M1 to control Forward and Backward function. The Q8 control motor M1 not function when over-current protection, until remove the control signal. On the other hand, IC U1 not function output to motor M1 when GANP12B PIN P61 detection battery low voltage less than 7.5v.

Energy is supplied 9v by 6x AA size (1.5V) battery..