

# Jada Toys Co., Ltd.

## Transmitter and Receiver Circuitry Operating description.

### **Transmitter Unit ;**

When the power switch turn to " On " , Q2 and the crystal produce a carrier frequency, press one of the keys **Forward**, **Backward**, **Left**, or **Right**, The Encode IC TX2 give the signal out and Q1 to modulation after amplifier the signal and transmit from the antenna.

### **Receiver Unit ;**

The modulation signal receive from the antenna and pass to local oscillation and Demodulation from Q1 , The encoding signal transfer to Decode IC RX2 after decoding the direct control signal go to the motor driver unit , the Q5 ~ Q10 control **Lift**, **Right**, the Q11 ~ Q16 control **Forward** and **Backward**.

No.: 90131-32 ( 27.145MHz & 49.860MHz )