

# Jada Toys Co. Ltd.

Model No: 83011/83014/83022

## Transmitter and receiver Circuitry Operating Description:

### Transmitter Unit:

When the power switch turn to “ON”,Q4 and the crystal produce a carrier frequency , press one of the keys K1 (Forward or Backward) , K2(Left or Right), The Encode IC TX-2 give the signal out and Q5 to modulation after amplifier the signal and transmit from 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 RX-2 after decoding the direct control signal go to the motor driver unit,the Q3~Q8 control Forward and Backward, the Q9~Q12 control Left and Right.