

1/6 RC Car Transmitter Operation Description

(27.145MHz)

U1 (C25JS01T) is a 3-Band remote encoder IC. IC encoding signal output to Pin 5 respectively, detail functions list as below. It works with transistor Q1, Q3 and other components combined as RF transmitter circuit. This unit makes use of an external metallic 45cm long antenna to transmit the RF signal.

The car will receive this RF signal by one RF pre-amplified circuit, and then the decoder IC U1 (C25JS01R) will decode the signal to control the motor, LED and Speaker driver circuit.

Energy is supply with 6 x 1.5V AA size batteries.

1. Set the ID Code switch (A, B and C) of Car and Remote to the same position, the receiver IC (C25JS01R) could correctly decode the signal from Transmit IC (C25JS01T).
2. Turn the Power switch of Remote and Car to “ON” position.
3. Press Key SECURE to IC Pin 18, IC will encode the signal and output to Pin 5 (TXC), and then trigger the car's security system on or off:
 - On state: Car security system sound liberates, and then engine start sound gives out. The car is ready to play.
 - Off state: Car security system sound liberates, all other function Key could not trigger the car. The Car and Remote will enter into the Standby mode.
4. Press Key SPEAKER, Horn sound liberates.
5. Press Key MUSIC, Music sound plays.
6. Press Key FORWARD: trigger the IC to output one forward signal which depends on the Position of Speed slide switch: HIGH, MIDDLE and LOW, and the corresponding LED on Remote will be turn on as the indicator. The car will be controlled by the corresponding motor speed and engine sound.
7. Press Key BACKWARD: control the IC to output the backward signal. Release Key FORWARD and BACKWARD, Brake sound plays.
8. Press Key LEFT and RIGHT: control the IC to output the Right and Left signal.