

Operation Description for R/C TRANSBOTIX

Tx (49MHz)

The transmitter is powered by 1x9V size battery. Diode Z1 is a voltage regulator for IC U2TX2. The IC U2TX2 is an encoder to generate different codes for receiver. The crystal Y1 is an oscillator circuit for generating the 49.860MHz radio frequency channel.

Rx (49MHz)

The receiver is powered by 4x1.5V AAA size batteries. Diode D2 is a voltage regulator for decoder IC RX2. When a super regenerator received a radio control signal, it will control the car running to Forward, Backward, Turn Left and Turn Right through an amplifier and decoder IC RX2.