

1/24 RC Vehicle Twin Pack operation theory 49MHz

1. Function: radio control Forward, Backward, Left turn and Right turn.

2. Operation Theory:

Transmitter

When the receiver is turn on, and press the forward key.

The TX2 pin 5 will set to low, at this monument TX2 pin 8 will send out move forward code to CR transistor and mix with 49 MHz modulation and amplifier, and then pass to LC high pass filter. Finally thought the antenna to transmit to Air.

Receiver

When the Antenna received the 49MHz modulation signal from the Air. The signal going to super head detection to demodulation, and then press to RX-2 pin 14 to amplifier. The amplified signal will output from RX-2 pin1 and pass to RC filter, after the this RC filter process the signal will come back to RX-2 pin3 and follow the pin3 signal to drive Motor.