

RC SUMO TX / RX Block Diagram Description

1) TX

High frequency oscillation produces 27.145 MHZ OR 49.860 MHZ high frequency carrier wave.

Then the carrier wave will mix with the numerical pulse and is amplified.

Finally, the amplitude modulation carrier wave is transmitted through the TX antenna.

At the same time, the speaker gives off sound.

2) RX

Receive the 27.145 MHZ OR 49.860 MHZ amplitude modulation wave through the RX antenna.

Then a carrier wave with same frequency is produced and detects the numerical pulse code.

The IC will decode the numerical pulse code and transform to high radio frequency to drive the motor.