

Operation Description for 12" Vehicle (27MHz) Full Functioned

The transmitter of the 12" Vehicle (27MHz) Full Functioned is powered by one 9V battery. The radio frequency channel is 27.145MHz. There are 2 control sticks. When the push button is pushed to "ON" on the bottom of the vehicle (receiver) and the control sticks are pressed, it will transmit different radio control signals.

There is an integral antenna on the transmitter. The antenna can be fixed on the PCB by screwing it.

Referring to the transmitter circuit design, the circuit description is listed below:

- D1 and associated components act as an voltage regulator
- IC1 and associated components act as an indictor circuit
- Q2, Y1 and associated components act an oscillator.
- Q1, L2 and associated components act an encoder