

R/C transmitter:

IC1 (GM2340) is a 7 functional remote encoder IC, it's work with transistor Q1, Q2 and other components combined as RF transmitter circuit. The IC Pin 1, 2, 3, 4, 5, 6, 13 and 14, control left, right, backward, forward, on/off and encoding signal output respectively. Data output from Pin 8 and modulate with 27.145MHz oscillator that achieved by XTL, Q1, R4, R5, C5, and L1. RF power amplifier Q2, L2, C7, C8, R6, R7 is use to enlarge the transmission range, the output frequency through L3.

This unit makes use of an external flexible 47 centimeters long antenna..

Energy is supply with a 9-volt battery.