

Transmitter

Circuit description

IC1 is working as an encoder to drive the vehicle. Q1 and Q4 control the power of the RF amplifiers. Q2 is the speaker amplifies. The output modulates the crystal controlled oscillator Q3. Q5 is the RF amplifies.

Antenna and ground circuitry

This unit makes use of a 480mm telescopic aerial. The antenna is inductively coupled. The unit relies on the ground track of the printed circuit board. No external ground is provided. Energy is supplied by 4.5 Volt (3 x "AA" 1.5V) battery.