

## Operation Description

Console 100 is operated by a 3V button cell. The oscillator operates when magnet getting close to the reed switch sensor. The oscillator works with LC network and amplifier transistor. A 110kHz RF signal is transmitted once via a ferrite bar antenna with specified interval which controlled by parameter of circuitry. This transmitter transmits an ON-OFF Keying modulation to receiver.

## Circuit composition

1. Switch  
Reed switch
2. RF circuit  
T3, L1, L2