

Operational Description

Front/rear door bell receiver is a low powered, receive data signals from hand-held two different-sounding transmitters for controlling "Ding Dong" or "Bird" sound features. See enclosed function descriptions. The receiver is battery operated by 3 volt battery. It's designed to operate on a single fixed frequency at 316 MHz.

The RF of the receiver consists of transistor(Q1), L2, C2 and C4. It operates at a frequency of 316 MHz. The RF antenna is attached on PCB around 14.5mm.

As soon as the receiver captures the signals, it'll activate the IC₁ or IC₂ to make a "DING DONG" or "BIRD" sound by means of decoding crystal (32.678 KHZ, 40 KHZ) .

All tuning and verification are performed by the manufacturer and there are no adjustments can be made by user.