



TECHNICAL DESCRIPTION

MODEL QS-101 REMOTE TRANSMITTER

DESCRIPTION

The transmitter is a low-power communication device operating at frequency range from 319MHz. The signal is a digital-coding modulated transmission which transmitted data to a receiver.

FUNCTION

The momentary switch (SW3) or the magnetic switch (SW1, SW2 and SW5) activates the transmission.

The digital modulator is employed in the proprietary integrated circuit (IC9), which sends encoded digital data. Ceramic Resonator (Y1) and Capacitor (C1, C2) established the clock rate of 4MHz.

IC4(CC1150=CC1100)

The IC (IC4) is a single chip transmitter IC. The frequency of oscillation is controlled L111, C101, L101, C104, L102, L103, C102, C22, R31, C105 and couple to the antenna wire as the principle radiating element.

The unit operates in 4X 3V of CR2032 battery.

Warning: Changes or modifications to this unit not expressly approved by the party responsible of compliance could void the user's authority to operate the equipment.