

Operational Description

RR119-4BT Remote Control is mainly composed of power circuit, MCU circuit, RF transmission circuit. The RR119-4BT is a low-power hand-held remote control device operating at a frequency of 313.85MHz. The signal output is a binary-coded, pulse-position type modulated transmission which has an information rate of approximately 128 bits per second (bps). Actuating the push buttons illuminates a light-emitting diode (LED) and activates the transmitter. Releasing the push-button immediately terminates transmission. Transmission time is limited to 10 seconds if button is held on. The push-button switches apply power to the unit and activates L.E.D. Digital encoding is a function of microprocessor. An internally generated microcontroller clock runs at 4MHz and creates the coding and timing sequence. The main chip is PCF7961, and the product contains 9.8068MHz crystal. And it is manually operated transmitter.

Power supply:	DC 3V by battery Battery model:CR1616 Ouput: DC 3V
Operation Frequency	313.85MHz
Channel Numbers:	1
Modulation Type:	ASK
Antenna Type:	PCB Antenna