

Instruction to Low Power 315 MHz Radio Transmitter

Basic:

315 MHz radio transmitter, the device is designed for low power remote control. It works on one single 3 V lithium battery and consumes very low current. One new battery will last for over 3 years in standby mode.

The radio transmitter has two working modes. One is standby mode. In this mode, both 4 MHz oscillator for MPU and 315 MHz RF generator stop. Another is transmitting mode. In this mode, both 4 MHz and 315 MHz oscillators are running. The radio signal is amplitude modulated on 315 MHz carrier.

Operation:

Press the orange button switch at top of transmitter, status indicator will come on steadily. RF signal is radiating. The RF signal will last for about 1.5 seconds and then stop for about 2 seconds. Then same sequence goes on. The total transmission time is about 15 seconds. Transmission time, stop time and total time are variable depending on different coding. Finally, transmitter stops transmission and enters into standby mode ready for next transmission.