

Tent Lighting System functional description

Transmitter

Model: 830-500 series

1, Press switch S1 once, 12V power source is being connected and charge up C6. The oscillation circuitry and coding IC (SC2262-20) is then under activated.

2, Coding IC will send out a 12 bit signal which will then be transmitted through the oscillation circuitry (Q1,C4,C3,C2,C1) at 315 MHz frequency via the antenna when the it is at high volt level. When it is at low volt level, it then stop the oscillation and the modulated high frequency signal in ASK format is therefore established.

3, The transmitter has employed a switch which cease transmission within 157ms of being release the switch.