

Operational Description

This light control transmitter is a low powered, hand held unit for remote controlling the lights On and Off. See the function description in attached. The transmitter is powered by a 12volt battery. It is designed to operated on a single fixed frequency at 315MHz. See the block diagram and schematic.

There are 2 buttons trigger the integrated circuit, which produces the digital control signals and will modulate the carrier signal. The carrier signal is generated by a LC oscillator/ amplifier circuit comprised of a 315 MHz LC and npn transmitter.

The transmitter is manually operated by the buttons pressed and will automatically active/ deactivate right away.

All turning and verification are performed by the manufacture and there are no adjustments can be made by the user. No external ground is required or used with this transmitter.