

Operational Description

The Wall switch transmitter is a low powered, The unit for remote controlling the power controller. See the function descriptions in attached. The transmitter is powered by a 3 volt battery. It is designed to operated on a single fixed frequency at 433.92 MHz. See the attached block diagram and schematic.

There are 6 buttons trigger the integrated circuit (IC1) which produces the digital control signals and will modulate the carrier signal. The carrier signal is generated by a SAWR circuit comprised of a 433.92 MHz and a npn transmitter (TR1).

The transmitter is manually operated by the buttons pushed and will automatically deactivate instant after the button being released. This feature is incorporated by the IC1 internally.

All tuning 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.