

Pocket Point RF Remote Operational Description

The pocket Point RF Remote is a low powered, for controlling power point presentation software on notebook and desktop personal computers, the third channel with laser light output. The transmitter is powered by a 3 volt battery. It is designed to operate on a single fixed frequency at 433.92 MHz. See the attached block diagram and schematic.

There are 2 button trigger the integrated circuit (U1) which produces digital control and will modulate the carrier signal (ASK). The carrier signal is generated by a SAW (X1), Q1, Q2. The modulated output of the RF stage is coupled to the on board antenna. The on board antenna is attached on PCB around 160 mm.

The transmitter is manually operated by the button pushed momentarily within 3 seconds and will automatically deactivate send signal to receiver. This feature is incorporated by the U1 internally.

All tuning and verification are performed by the manufacture and there are no adjustments can be made by user.