**PowerMouse Operational Description**

The PowerMouse is a low powered, which is installed in computer integrated with transmitter function for wireless presentation . See the function descriptions in attached. The sensor 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 3 switches trigger the integrated circuit (IC1) which produces the digital control signals and will modulate the carrier signal (ASK). The carrier signal is generated by a I C oscillator/amplifier circuit comprised of a 433.92 MHz SAW(X1) . The modulated output of the RF stage is coupled to the strip antenna. The antenna is on-board soldered, around 80mm.

The PowerMouse is operated by the triggered momentarily within 0.2 second and will automatically deactivate send signal to receiver. This feature is incorporated by the IC1 internally.

All tuning and verification are performed by the manufacturer and there are no adjustments can be made by users.