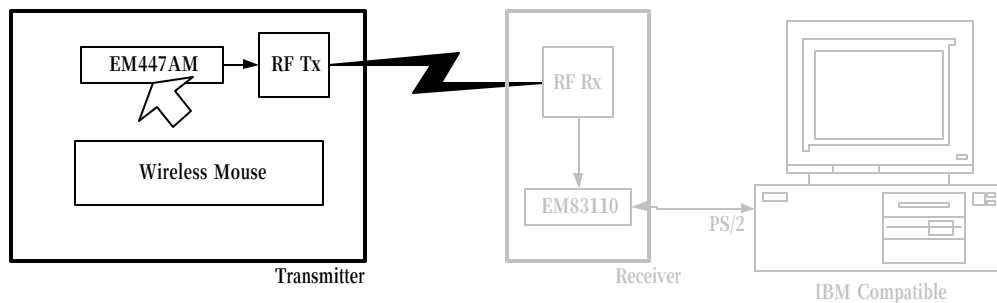


Operational Description (發射原理)

The mouse transmitter is a low powered, hand held unit for remote cursor control for the computer. See the function descriptions in attached. The transmitter is powered by two 1.5 Volt batteries. It is designed to operate on a multiple frequencies from beginning at 2400 MHz to 2480 MHz. See the attached block diagram and schematic.



When key pressed and mouse moved, the mouse control will generate a make code into FIFO and produces the digital control signals and will modulate the carrier signal. The carrier signal is generated by a crystal oscillator / frequency controlled circuit < PLL > comprised from 2294.4 MHz to 2369.4MHz FSK. The frequency depend on the selected channel switch to changed. The modulated output of the RF amplifier stage is coupled to the antenna.

The transmitter is manually operated by the buttons pressed and mouse moved, and automatically deactivate instant after the button being released and mouse stopped moving. This feature is incorporated by the keyboard control 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.