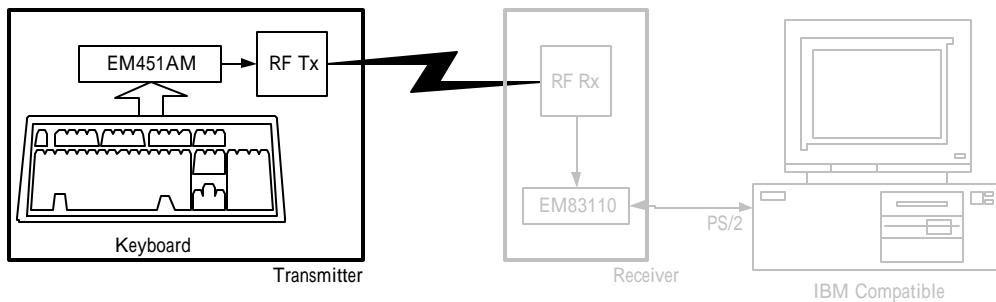


Operational Description (發射原理)

The keyboard transmitter is a low powered, hand held unit for remote control and key in data to 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, the keyboard 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 2294.5MHz to 2369.4MHz FSK .The frequency depend on the select 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 pushed and automatically deactivate instant after the button being released. 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.