

## **MPH Work Basis**

### **Mouse (laser):**

1. When the mouse was moved, the laser sensor would detect the different between two points, and then sensor will send the signal to the MPH.
2. The MPH will encode the signal and modulate the signal that uses FSK modulation type).
3. Through the 27 MHz RF circuit transmit the modulation signal.

### **Receiver:**

1. When the receiver receives the modulation signal will demodulate signal through RF circuit. And responds signal to MPH.
2. The MPH meeting decodes the signal PC acceptable format.

ps. FSK: Frequency Shift Key

MPH: Micro Control Unit

RF: Radio Frequency