

# **MO1 Work Basis**

## **Mouse (optical):**

1. When the mouse was moved, the optical sensor would detect the different between two points, and then sensor will send the signal to the MO1.
2. The MO1 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 MO1.
2. The MO1 meeting decodes the signal PC acceptable format.

ps. FSK: Frequency Shift Key

MO1: Micro Control Unit

RF: Radio Frequency