

MKF-JS01

Mate mouse, Three-axis Hall joystick, with 8 buttons



FEATURES

- Button: 8 button, Life :1000000 times
Led: 3 LED
Interface: USB2.0
- Speed: Full speed
Output terminals: End Point 1
Transmission modes: interrupt transmission
Identification name: 3D Joystick Keyboard
Drive: USB HID Protocol, avoid driving, Support Windows XP, Windows 7, Vista;
- Identification name: 3D Joystick Keyboard
Weight: 0.6kg
Size: (W) 120X (L) 157X (H) 97
- Operating temperature: $-40^{\circ} \sim +70^{\circ}$
- Storage temperature: $-50^{\circ}\text{C} \sim +80^{\circ}\text{C}$

The other interface: RJ45 backup interface (customization RS232, RS485 or network interface)

The application: mainly used for network camera control, animation design, medical equipment and other desktop operation, control the operation of the client

USB keyboard to send data format (10 bytes of HEX):

3 axis joystick angle parameter of USB Keyboard and Button state values

byte1	byte2	byte3	byte4	byte5	byte6	byte7	byte8	byte9	byte10
XXH	XXL	YYH	YYL	ZZH	ZZL	BB1	BB2	BB3	BB4

XXXX: X axis data,0000-03FF (BYTE1 is Data High byte,BYTE2 is data low byte)

0X0000-0X01FE	Left stop right
0X01FF	
0X0200-0X03FF	

YYYY: Y axis data,0000-03FF (BYTE3 is Data High byte,BYTE4 is data low byte)

0X0000-0X01FE	down stop up
0X01FF	
0X0200-0X03FF	

ZZZZ: Z axis data,0000-03FF (BYTE5 is Data High byte,BYTE6 is data low byte)

0X0000-0X01FE	Anti-clockwise(wide) stop Clockwise (tele)
0X01FF	
0X0200-0X03FF	

BB1: Button first groups 1-8

Bit7	Bit6	Bit5	Bit4	Bit3	Bit2
button 8	button 7	button 6	button 5	button 4	button 3

8 button joystick keyboard controller BB2,BB3,BB4=0X00

Data format USB keyboard received (10 bytes of HEX):

USB keyboard to receive data from the PC; Used to control the keyboard 3 LED lights and sets the center point of the joystick on the keyboard, if not required for these control, may ignore this instruction;

Control command of 3 LED on the keyboard (receiving an instruction from the host computer)

Format: F5,D1,00,00,00,00,CH

D1(bit7,-----,bit0)

bit0=led1

bit1=led2

bit2=led3

If no LED control, The default LED indicator

LED1= lever indicator

LED2= key indicator

LED3= power indicator

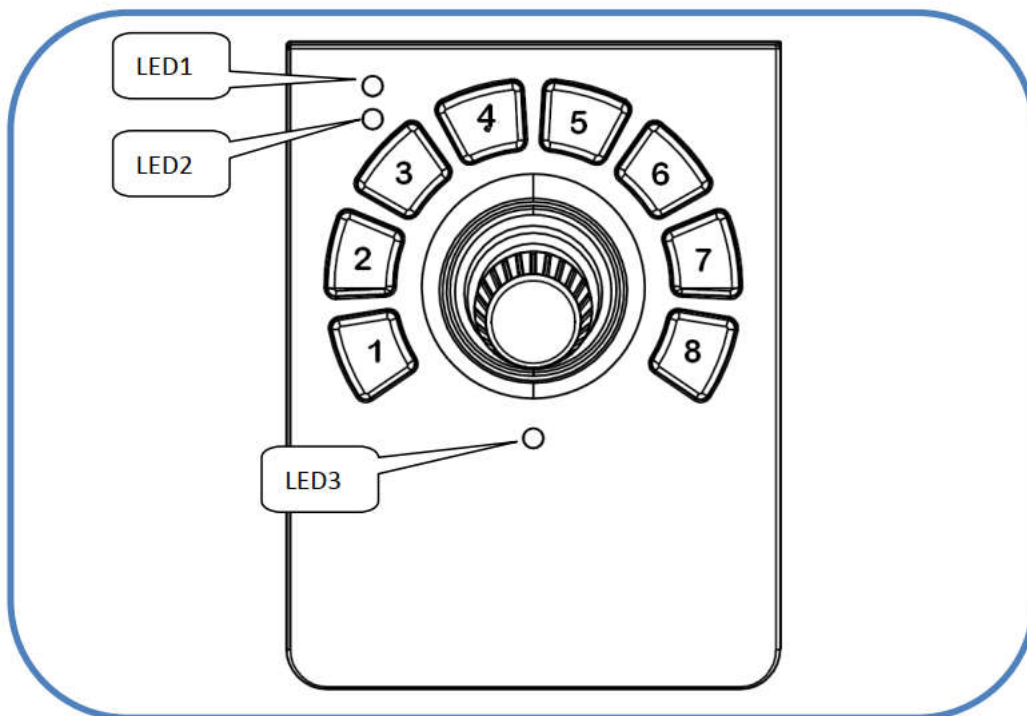
If the host LED to control the keyboard, then the above instructions automatically prevent, control and only by the host, keyboard and LED indicating no longer do.

1. Set the lever center point of joystick (receiving from pc), the factory has been set up, the user can not this instruction;

Set center point of joystick F5 00 00 00 00 01 55 56

Status indication: LED1, LED2, LED3 all on

Control panel



DRAWING

