

Operational Description

DE5 Wireless 2.4G Dongle household or office use

A. Working Principle

1. Operation of Description

The device works with RF 2.408-2.474GHz ISM band, Keyboard through the PC's USB port Dongle Send Operation Data. Keyboard and USB Dongle Receiver GFSK the sole criterion for transparent data transmission (2.408 to 2.474GHz ISM band).Features include sending and receiving data signals, the normal working mouse through the space, the operation of the signal sent to the receiver, the receiver signal is received by the decoder, signal through the USB interface to transfer the corresponding functional operation of the computer processing.

Receiver is a digital wireless RF2.4G usb HID adapter. The RF IC MA64101-6 is a low-power, high-integrated single chip RF transceiver for ISM 2.4GHz wireless systems. Receive information from the mouse to the computer operation, compiled to give the computer to perform related operations. MA64101-6 use 12MHz crystal.

B. Antenna Spec.: PCB antenna

C. Technical Spec.:

a. Dongle

Working frequency	2408-2474MHz
Modulation method	GFSK
Input Voltage	DC 5V from USB Port

Frequency Channel List:

Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
1	2408	11	2428	21	2448	31	2468
2	2410	12	2430	22	2450	32	2470
3	2412	13	2432	23	2452	33	2472
4	2414	14	2434	24	2454	34	2474
5	2416	15	2436	25	2456		
6	2418	16	2438	26	2458		
7	2420	17	2440	27	2460		
8	2422	18	2442	28	2462		
9	2424	19	2444	29	2464		
10	2426	20	2446	30	2466		