

DK-3318ZM Instructions

■ Product Introduction

1. Compatible with USB1.1/2.0, obtaining authentication of USB-IF and WHQL
2. High quality 2.4G Solutions, automatic frequency hopping, stable, low power consumption, anti-interference, not directional.
3. Ultra-low power consumption design
4. Standard 104KEY keyboard function
5. Support low voltage alarm; Support CAPS LOCK, NUM LOCK indicators, meanwhile LED lamps synchronize with the host
6. Support the awakening of computer dormancy and the awakening of self dormancy
7. Intelligent multilevel power saving design
8. Fast ID pairing

■ ID pairing Instruction

Combination key ID pairing

Press “ESC” + “+/-” for 1 second, keyboard enters code matching mode, (low voltage indicator light is on), then insert receiver, if code matching successes within 20 seconds, LED light is off; If code matching fails, keyboard exits code matching mode after 20 seconds, and LED light is off.

■ Function Instruction

- Low voltage LED indicator: indicates low voltage and code matching state
 1. ID pairing state indication – Keyboard enters ID pairing mode, low voltage LED light is on, if ID pairing successes, low voltage LED light is off.
 2. Low voltage state indication – When battery is under low voltage, low voltage LED light blinks, when battery is under normal voltage, low voltage LED light is off.
 3. Abnormal function state indication:
 - 1) Normal state – power on, indicator light blinks once and then the light is off.
 - 2) Indicator light isn't on – MCU doesn't work

Indicator light is on all the time – RF doesn't work

- **Caplock, Numlock LED Lamp**

State Indication

	On	Off
Caplock & Numlock	If press keys, lamp light is on If don't press any key, lamp light is off after 5 seconds	If press keys, lamp light is on, after releasing the key, lamp light is off.

**LED states of Numlock + Caps can synchronize with the host. When turn on Numlock/Caps, LED light is on for 5 seconds, if press keys LED light is on for another 5 seconds, (LED light is off after releasing keys for 5 seconds). If press keys after LED light is off, LED light is on for another 5 seconds.

Remark: Low voltage indicator blinks 5 times, if press keys, another 5 seconds will be restarted until power off.

- **Keyboard Fn Multimedia Instruction**

Press Fn, and then F1-F12, F1-F12 will turn to multimedia keys.

Default	Hot key	Default	Hot key	Default	Hot key	Default	Hot key
F1	Media	F4	Mute	F7	Play/Pause	F10	E-mail
F2	Volume-	F5	PreTrack	F8	CD Stop	F11	My computer
F3	Volume+	F6	NextTrack	F9	web home	F12	wwwFavorite

■ RF Product specification sheet (EMI_Certification application)

1. Product Name : **2.4G Wireless keyboard**
2. Rated Voltage and Current: **DC 1.5V ,2mA**
3. Frequency Band : **2402MHz—2480MHz**
4. Carrier Frequency : **2402 MHz**
5. Number of Channel: **16**
6. I.F.: **6 Mhz** L.O.: **2601.6Mhz**
4. Channel Spacing: **≥6MHz**
5. RF Output Power (ERP OR EIRP) : **0dBm**
6. Modulation Type : **GFSK**
7. Duty Cycle : **<10%**
8. Mode of operation (duplex , simplex): **duplex**
9. Bit Rate of Transmission : **2Mbps**
10. Antenna Type: **PCB Antenna**
11. Antenna gain: **1.8 dBi**
15. Operating Temperature Range: **-20°C ~ 55°C**

- Channel Bandwidth : **2.5MHz**

■ FCC Statement

1. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
2. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
3. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
4. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
 - (1) this device may not cause harmful interference, and
 - (2) this device must accept any interference received, including interference that may cause undesired operation.

■ Caution!

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.