

**A J A Z Z - NACODEX**

**黑爵AK820 MAX(常规版) 三模机械键盘**  
A JAZZAK820 MAX (REGULAR EDITION)-TRIPLE MODE MECHANICAL KEYBOARD

**使用说明书**  
User Manual

**Warning Statement**  
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 unsatisfactory operation.  
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.  
Note: 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. 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. 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.  
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

**1. Product Specifications**

Product Brand: AJAZZ  
Product Model: AK820 MAX  
Connection Method: USB+2.4G wireless+BT5.0  
Interface Type: Separated Type-C Interface  
Product Size: 333.5x144.97x43.82mm  
Product Weight: >700g  
Battery Capacity: 4000mAh/8000mAh  
Product Structure: Gasket structure  
Shell Material: ABS injection molding  
Wire Length: 1.6M  
Lighting Effects: RGB, 16-modes lighting effects ("FN+1"~"FN+16" adjustable lighting effects + customized led effects by driver)  
Layout: Compact (Level 1 Sleep Mode)  
The keyboard will go into deep standby after 30 minutes of no-key operation. BT:2.4G will be disconnected and sleeping. Press any key to wake up the keyboard backlight and reconnect to BT/2.4G;  
2.5 Deep Sleep State (Level 2 Sleep Mode)  
The keyboard will go into deep standby after 30 minutes of no-key operation. BT:2.4G will be disconnected and sleeping. Press any key to wake up the keyboard backlight and reconnect to BT/2.4G;  
Anti-Ghosting: N-key Rollover  
Supported Systems: Windows Vista /7/8/10/11, MAC, Android

**2. Indicator/Sleep Mode Description**

2.1. "C": Caps lock indicator light  
Press Caps lock to turn on the uppercase white light, and turn off Caps lock and the white light will turn off.

2.2. "W": FN+Win indicator Light  
Press Lock Win, the indicator light will light up white, press Unlock again and the white light will go out.

2.3. "D": Battery indicator Light  
(1) low battery status: low battery/charging indicator light, red light flashes;  
(2) Charging status: high battery/charging indicator light, red light off;  
(3) Status when fully charged: low battery/charging indicator light, red light off.

2.4. Power Saving Sleep State (Level 1 Sleep Mode)  
The keyboard backlight will turn off after 5 minutes of no key operation. Press any key to wake up the keyboard backlight and connect back to BT/2.4G;

2.5. Deep Sleep State (Level 2 Sleep Mode)  
The keyboard will go into deep standby after 30 minutes of no-key operation. BT:2.4G will be disconnected and sleeping. Press any key to wake up the keyboard backlight and reconnect to BT/2.4G;

2.6. Spacebar: Press and hold for 3 seconds, the keyboard light will flash 3 times, clear the lighting effects and BT device connection information, and restore factory settings

2.7. FN+11 (Default Blu-ray): Default FPS mode--W/A/S/D/↑/↓-->

**3. Mode/System Switch Description**

3.1. Mode Switch Key  
Switching method: toggle the switch to the left to switch to BT mode; short press the "FN+E" key combination to switch to BT mode.

3.2. System Switch Key  
System toggle switch (left): Win system mode  
System toggle switch (right): Mac system mode  
(Note: When using Mac system mode on a Win computer, the functions of the Win key and the Alt key are reversed.)

3.3. BT : Battery indicator Light

4. Lighting Mode Description

4.1. "W": Lampu indicator Light  
The keyboard backlight will turn off after 5 minutes of no key operation. Press any key to wake up the keyboard backlight and connect back to BT/2.4G;

4.2. "S": Lampu indicator Light  
The keyboard backlight will turn off after 30 minutes of no key operation. BT:2.4G will be disconnected and sleeping. Press any key to wake up the keyboard backlight and reconnect to BT/2.4G;

4.3. "Spacebar": Press and hold for 3 seconds, the keyboard light will flash 3 times, clear the lighting effects and BT device connection information, and restore factory settings

4.4. FN+11 (Default Blu-ray): Default FPS mode--W/A/S/D/↑/↓-->

**5. BT Channel 3**  
Switching method: toggle the switch to the left to switch to BT mode; short press the "FN+E" key combination to switch to BT mode.

5.1. BT mode  
BT name: AK820 MAX3.0 / AK820 MAX5.0  
BT Channel 1  
Switching method: toggle the switch to the left to switch to BT mode; short press the "FN+Q" key combination to switch to BT mode.

5.2. 2.4G Mode  
Switching method: toggle the switch to the right to switch to 2.4G mode. Then plug and hold the 2.4G receiver into the USB port of the computer host. (The 2.4G receiver is not included in the factory)

5.3. BT+2.4G Mode  
Pairing method: Press and hold the "FN+Q" key combination for 3 seconds in BT mode, the mode indicator light (blue light) flashes quickly, the keyboard enters the pairing state, and then insert the 2.4G receiver, the pairing success mode indicator light (green light) stops flashing and stays on.

5.4. BT+BT Mode  
Pairing method: Press and hold the "FN+R" key combination for 3 seconds in BT mode, the mode indicator light (green light) flashes quickly, the keyboard enters the pairing state, the BT connection is successful, the mode indicator light (blue light) stops flashing, and stays on.

5.5. BT+BT+2.4G Mode  
Pairing method: Press and hold the "FN+R" key combination for 3 seconds in BT mode, the mode indicator light (green light) flashes quickly, the keyboard enters the pairing state, and then insert the 2.4G receiver, the pairing success mode indicator light (green light) stops flashing and stays on. (Reconnection time 10s, pairing time 30s, timeout to deep sleep)

5.6. BT+BT+BT Mode  
Pairing method: Press and hold the "FN+T" key combination for 3 seconds in BT mode, the mode indicator light (purple light) flashes quickly, the keyboard enters the pairing state, and then insert the 2.4G receiver, the pairing success mode indicator light (purple light) stops flashing and stays on.

**6. Key Compound Function Description**

Key Combination	WIN System	MAC System	Key Combination	WIN System	MAC System
FN+F1	Media Player	Screen brightness -	FN+F7	Play / Pause	Previous piece
FN+F2	Volume -	Screen brightness +	FN+F8	Next track	Play / Pause
FN+F3	Volume +	Mission control	FN+F9	E-Mail	Next track
FN+F4	Mute	Console	FN+F10	Browser	Mute
FN+F5	Player stops playing	Keyboard backlight brightness	FN+F11	My computer	Volume -
FN+F6	Previous piece	Keyboard backlight brightness*	FN+F12	Calculator	Volume +
FN+Home	Scrclk		FN+PgUp	Prtsc	
FN+End	Ins		FN+PgDn	Pause	

**7. Instructions for Hot Swap Operation Steps**

Hot-swappable: You can replace different switches, customize the tactile and auditory feedback you like, and is compatible with most three/five-pin pivot base mechanical switches. (Pictures are for reference only, the actual product shall prevail)

① Use a key puller to pull out the keycaps

② Use a shaft puller to lock the upper and lower buckles at the bottom of the shaft body, and then pull the shaft upwards.

③ New axis calibration pin and hole position

④ Press the shaft vertically

**Terima kasih Anda sudah membeli AJAZZ AK820 MAX. Produk ini dilengkapi dengan berbagai fitur dan efek lampu yang keren. Kami harap produk ini akan membawa Anda menikmati pengalaman yang belum pernah Anda rasakan sebelumnya dalam mengoperasikan perangkat tersebut. Untuk informasi pengoperasian lebih lanjut, silakan kunjungi situs web resmi Ajazz untuk mendownload driver produk.**

**1. Spesifikasi Dasar**

Merek Produk: AJAZZ  
Produk Model: AK820 MAX  
Tipe Transmisi: Kabel USB + Nirkabel 2.4G + BT 5.0  
Ukuran Produk: 333.5x144.97x43.82mm  
Berat Produk: >700g  
Kapasitas Baterai: 4000mAh/8000mAh  
Produk Mounting: Gasket (Level 1 Sleep Mode)  
Panjang Kabel: 1.6 m  
Efek Lampu: RGB, 16 set efek (16 efek lampu + efek lampu kustom bisa diatur melalui driver)  
Jumlah Tombol: 92 keys compact + rotary knob metal + 100% hot swappable  
Matiks: NKRO  
Kompatibilitas: Windows Vista /7/8/10/11, MAC, Android

**2. Penjelasan Lampu Indikator / Mekanisme Tidur**

1) "C": Lampu indikator Capslock  
Saat tombol kunci di tekan, lampu putih akan menyala; ketika Capslock dimatikan, lampu putih akan padam.

2) "W": Lampu indikator Win  
Saat tombol kunci di tekan, lampu indikator akan menyala berwarna putih; saat tombol tersebut di tekan lagi untuk membuka kunci, lampu putih akan padam.

3) "D": Lampu indikator baterai  
(1) Saat baterai rendah: Indikator baterai rendah/pengisian daya menyala, lampu berkedip;  
(2) Saat baterai habis: Indikator baterai habis/pengisian daya menyala, lampu berkedip;  
(3) Saat Proses Pengisian: Indikator baterai rendah/pengisian daya menyala, lampu berkedip;  
(4) Saat Baterai Penuh: Indikator baterai rendah/pengisian daya menyala, lampu padam.

4) Status Hemat Energi (Tidur Level 1)  
Setelah tidak ada operasi tombol apa pun selama 5 menit, lampu latar keyboard akan mati. Tekan tombol apa pun untuk menghidupkan kembali lampu latar keyboard dan menghubungkannya kembali dengan BT/2.4G.

5) Status Hemat Energi (Tidur Level 2)  
Setelah tidak ada operasi tombol apa pun selama 30 menit, keyboard akan masuk ke mode hibernasi/deep sleep, BT/2.4G akan berputus dan masuk ke mode tidur. Tekan tombol apa pun untuk menghidupkan kembali lampu latar keyboard dan menghubungkannya kembali dengan BT/2.4G.

**3. Penjelasan Mode/Sistem On Off**

1) Tombol Pengambilan Mode  
(1) Sakelar Pengambilan Mode (selaikan kiri): Mode BT  
(2) Sakelar Pengambilan Mode (selaikan kanan): Mode USB  
(3) Sakelar Pengambilan Mode (selaikan kanan): Mode nirkabel 2.4G

2) Tombol Pengambilan Sistem  
(1) Sakelar Pengambilan Sistem (selaikan kiri): mode sistem Win  
(2) Sakelar Pengambilan Sistem (selaikan kanan): mode sistem Mac  
(Catatan: Saat menggunakan mode sistem Mac di komputer Win, fungsi tombol Win dan Alt dibalik).

3) Penjelasan Mode Lampu

FN+1: Pengambilan Efek Lampu, 16 efek lampu berputar secara berurutan:  
Mengalir Bersama Gelombang (efek lampu bawahan) | Seperti Bayangan | Gelombang Cahaya Sinus | Kincir Angin Berputar | Air Terjun Berantara-warna | Kekayakan dan Kemakmuran Bersemakar | Mode Permainan | Mode Mewah Terus | Mode Beralih Berantara-warna | Aliran Tanpa Henti

FN+2: Tingkat kecerahan berkurang, ketika disetel ke batas maksimum, latar belakang secara keseluruhan akan berkedip tiga kali setelah indikasi.

FN+3: Tingkat kecerahan berkurang, ketika disetel ke batas maksimum, latar belakang secara keseluruhan akan berkedip tiga kali setelah indikasi.

FN+4: Pengaturan arah cahaya

FN+5: Mengantangi warna lampu latar

**4. Status Hemat Energi (Tidur Level 1)**  
Setelah tidak ada operasi tombol apa pun selama 5 menit, lampu latar keyboard akan mati. Tekan tombol apa pun untuk menghidupkan kembali lampu latar keyboard dan menghubungkannya kembali dengan BT/2.4G.

**5. Status Hemat Energi (Tidur Level 2)**  
Setelah tidak ada operasi tombol apa pun selama 30 menit, keyboard akan masuk ke mode hibernasi/deep sleep, BT/2.4G akan berputus dan masuk ke mode tidur. Tekan tombol apa pun untuk menghidupkan kembali lampu latar keyboard dan menghubungkannya kembali dengan BT/2.4G.

**6. Penjelasan Tombol Kombinasi Multimedia**

Tombol Kombinasi	Chrom Win	Chrom Mac	Enter Kodek	Enter Win	Enter Mac
FN+F1	Pemutar media	Kecerahan layar+	FN+F7	Hamakan Benhamo	Lapis akromelopsi
FN+F2	Volume -	Kecerahan layar -	FN+F8	Hamakan Benhamo	Lapis selanjutnya
FN+F3	Volume +	Kontrol tugas	FN+F9	Email	Lapis selanjutnya
FN+F4	Mute	Matikan suara	FN+F10	Browser	Matikan suara
FN+F5	Player stops playing	Komputer saya	FN+F11	Kalkulator	Volume -
FN+F6	Previous piece	Komputer saya	FN+F12	Calculator	Volume +
FN+Home	Scrclk		FN+PgUp	Prtsc	
FN+End	Ins		FN+PgDn	Pause	

**7. Petunjuk Operasional Hot-Swappable**

Hot-swappable: Setelah kunci dengan sepadan dengan switch yang berbeda, sesuai dengan tipe umpan baik dan suara yang Anda suka. Kompatibel dengan switch tiga atau lima pin yang digunakan mayoritas mechanical keyboard. (Gambar hanya sebagai referensi, harap merujuk pada produk).

① Gunakan keycaps puller untuk melepaskan keycaps.

② Gunakan switch puller untuk mengunci kait switch di bagian bawah, isolasi trik switch ke atas untuk melepaskan kait.

③ Cokok pin switch dengan lubang yang tersedia.

④ Pasang switch dengan menekannya secara vertikal.