2.4G+Wired Full QWERTY NKRO Keyboard Specifications

Scheme features

1.USB1.1/2.0 specification

2. Ultra-low power consumption design (work = 4 mA, sleep = 20 uA)

3. Support 3 LED indicators

4. Plug and play in wired mode; Support computer sleep wakeup and self sleep wakeup

5. Intelligent and multi-level power-saving design

Hardware specifications

☐ Chip: CX52800QFN 56

BK2451-DICE

☐ LED **:**

4 individual LEDs: Num \ Caps \ Low voltage indication \ Charging indication

Key specification

NKRO

Paired instructions

At the same time, short press "ESC" + "+/=" key for 1 second, the keyboard

enters code alignment mode (low voltage indicator is steady on), the receiver code alignment is successfully inserted in 20S, and the LED is off; If the code alignment fails, the keyboard exits the code alignment mode after 20 seconds, and the LED goes out

Lock the WIN key

Short press FN+win-L key combination, win-L key and APPS key are locked, low voltage lamp will keep on indicating

FN keyboard shortcuts

Press Fn, then press F1-F12, and F1-F12 becomes the multimedia function key

Default	Hot key	Default	Hot key	Default	Hot key	Default	Hot key
F1	Luminance reduction	F4	E-mail	F7	Previous song	F10	Volume reduction
F2	Luminance plus	F5	counter	F8	Start/stop	F11	Volume plus
F3	Home page	F6	Stop	F9	Next song	F12	mute

pilot lamp

1, Num Lock + Caps Lock The two LED states can be synchronized with the host
After Numlock/Caps function is turned on, the LED is on and indicates for 1MIN. If there is a button within 1MIN, the timing will be reset for 1MIN (the button will be off after 1MIN release). If there is a button, the LED will keep on for 1MIN after the light is off
2, low voltage \ pairing indicator
Alignment status indicator: The keyboard enters alignment mode and the indicator is on for 20 seconds
After successful code matching, the indicator goes off
Low voltage status indicator: When the battery voltage is too low, the indicator will blink for 5S (if the button is pressed within 5 seconds, the timer will be reset)
Other indicators: power-on indicator/lock indicator

working current

Power consumption indicator (lithium battery power supply, indicator off)

Operating current (with key press)	**4mA**
Sleep current (key release) after 1 MIN	**20uA**

Wake up from sleep

1, **Press any key to wake up the keyboard**

matrix table

	IC foot	C0(53)	C1(54)	C2(55)	C3(56)	C4(3)	C5(4)
R0	(17)		~ ` (L17)	Tab (L38)	CapsLoc (L59)	L_Shift (L75)	L_Ctrl (L92)
R1	(18)	Esc (L1)	! 1 (L18)	Q (L39)	A (L60)	Z (L76)	L-Win (L93)
R2	(19)	F1 (L2)	@ 2 (L19)	W (L40)	S (L61)	X (L77)	L_ALT (L94)
R3	(20)	F2 (L3)	# 3 (L20)	E (L41)	D (L62)	C (L78)	
R4	(21)	F3 (L4)	$ 4 (L21)	R (L42)	F (L63)	V (L79)	
R5	(22)	F4 (L5)	% 5 (L22)	T (L43)	G (L64)	B (L80)	Space (L95)
R6	(23)	F5 (L6)	^ 6 (L23)	Y (L44)	H (L65)	N (L81)	
R7	(24)	F6 (L7)	7 (L24)	U (L45)	J (L66)	M (L82)	
R8	(25)	F7 (L8)	* 8 (L25)	I (L46)	K (L67)	< , (L83)	R-Alt (L96)
R9	(40)	F8 (L9)	(9 (L26)	O (L47)	L (L68)	> . (L84)	Fn (L97)
R10	(45)	F9 (L10)	) 0 (L27)	P (L48)	: ; (L69)	? / (L85)	APP (L98)
R11	(46)	F10 (L11)	-_ (L28)	{ [(L49)	" ' (L70)		

R12	(47)	F11 (L12)	+ = (L29)	}] (L50)		R-Shift (L86)	R-Ctrl (L99)
R13	(48)	F12 (L13)	Back Space (L30)	| \(k29) (L51)	L-Enter (L71)		
R14	(49)	Print Screen (L14)	Insert (L31)	Delete (L52)			← (L100)
R15	(50)	Scroll Lock (L15)	Home (L32)	End (L53)		↑ (L87)	↓ (L101)
R16	(51)	Pause Break (L16)	Page Up (L33)	Page Down (L54)			→ (L102)
R20	(10)		- (pad) (L37)	+ (Pad) (L58)		R-Enter (L91)	

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

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.

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

The devices has been evaluated to meet general RF exposure requirement， the device can be used in portable exposure condition without restriction