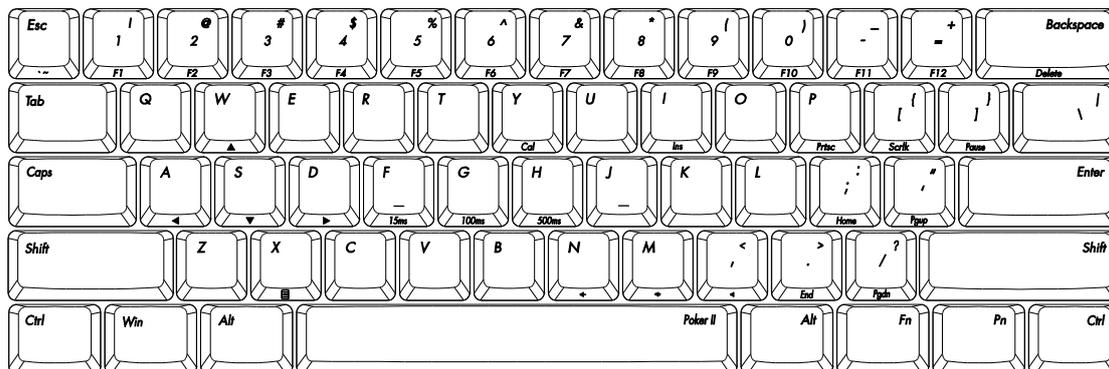


# ikbc Poker II User Manual

## POKER II layout



### Main Features:

1. Portable design
2. 60% keyboard with QWERTY layout (61 keys)
3. Cherry MX key switch (Black, Blue, Brown, Red)
4. Dual layer PCB
5. Keycap material: PBT
6. USB Interface

### Package Material

1. Keyboard x 1
2. User Manual x 1
3. USB cable

### Technical Specification

#### **Number of keys:**

US ASCII (61 keys) = US layout

#### **Dimension:**

29.5 x 10.2 x 3.8cm (Keyboard)

#### **Cable:**

1.8 meters

#### **Key switch life time:**

Cherry: >50 million actuation

#### **Interface:**

USB (DC5V ----100mA)

#### **Available layout:**

US EU

## Programming Usage

Press Fn+Right Shift to switch program layer

Program layer	Space LED color
Default	Off
Layer1	Red
Layer2	Green
Layer3	Blue

- 1.Press PMode(FN + R CTRL) to enter the Programming mode (Right LED on Space bar blinking)
- 2.Press the desire key to program (Right LED on Space bar ON)
- 3.Key in the program content and then press PN again (Right LED on Space bar blinking again)
- 4.Repeat steps 2&3 for programming the other keys
- 5.Press PMode(FN + R CTRL) to quit the programming mode (Right LED on Space bar OFF)

Remarks:

- Support FN layer programming , while choosing the desire key to program, user can also press FN + any combination (e.g: FN + A) as an option
- During choosing keys (Step1), open an notepad (e.g: \*.txt type) and then press PN + any key, if the key has been programmed, the content will be displayed on the text file.
- Delay can be added into the program content , press 15ms key (FN + F) one time for adding 15ms time delay , press 0.1s key (FN + G) one time for adding 0.1s time delay , press 0.5s key (FN + H) one time for adding 0.5s time delay, continuing press any one of the time delay key will add the sum of the delay time, e.g. press 5 times of 0.1s key continuously will add 0.5s time delay to the programming content.
- During in the programming mode, within 15s without any action then the programming mode will quit automatically.
- press PN + programmed keys to use it; or press Toggle key (FN+R SHIFT) first and let the indication LED at the top left corner turn ON , then press the programmed keys directly with FN , while the toggle LED is on, press FN + any programmed keys will issue the original key code

## Programming Example

1. Program "A" into 123: FN + R CTRL, A, 1, 2, 3, PN
2. Continue to program "FN + A" into 456: FN + A, 4, 5, 6, PN
3. Continue to program "B" into CTRL+C: B, holding CTRL, press C, release CTRL and C, PN
4. Continue to program C for evoking CMD.EXE (in WIN7): WIN, C, FN+G, M, FN+G, D, FN+H(time delay), ENTER, PN
5. Quit: FN + R CTRL
6. Using programmed "A": PN + A => output as "123"
7. Using programmed "FN + A": PN + FN+ A => output as "456"
8. Using programmed "C": PN + C => evoke CMD.EXE
9. Switching into programmed layer: Toggle (FN + R SHIFT) => toggle LED ON
  - (1) Using programmed "B": B => output as CTRL + C (remarks: same as "COPY")
  - (2) Using programmed "FN + A": FN+ A => output as "456"(remarks: no need to press PN)
  - (3) Using programmed "C": C=> evoke CMD.EXE
  - (4) to issue"A"key code(at this moment press"A"is issuing "123"): PN + A => A

## Factory reset

To restore factory setting, press and hold FN + R for 3secs, then after 3 secs the ToggleLED will start to blink , continuing the hold the FN + R until the ToggleLED blinks for 9 times, then keyboard is successfully restored back to factory setting

FN general function list					Remarks
FN	+	ESC	=	~	Change Key value
		1		F1	
		2		F2	
		3		F3	

		4		F4	
		5		F5	
		6		F6	
		7		F7	
		8		F8	
		9		F9	
		0		F10	
		- _		F11	
		= +		F12	
		BACKSPAC		DEL	
		E			
		I		INS	
		P		PRINT SCREEN	
		[ {		SCROLL LOCK	
		] }		PAUSE	
		ENTER		Numpad ENTER	
		; :		HOME	
		' "		PAGE UP	
		X		APP	
		. >		END	
		/ ?		PAGE DOWN	
		W		↑	
		A		←	
		S		↓	
		D		→	

FN multi-media function key list					Remarks
FN	+	Y	=	Evoke calculator	Change Key value
		N		Volume down	
		M		Volume up	
		, <		mute	

FN LED function key list (Only available for backlit version, backlit is not supported in Bluetooth mode)					Remarks
FN	+	V	=	ALL LED ON (except L WIN)	Press once
				Turn off LED	Press 2 <sup>nd</sup> time
		C		Reduce LED brightness	7 levels of brightness
		B		Increase LED brightness	
		E		Save backlit status	

FN programming function key list					Remarks
FN	+	R	=	Factory reset	Hold for 12sec
		R SHIFT		Switching into programmed layer	Press once (Toggle LED ON)
				Switching back to normal layer	Press 2 <sup>nd</sup> time (Toggle LED OFF)
		R CTRL		Enter programming mode	Press once (PN LED blinking)
				Quit programming mode	Press 2 <sup>nd</sup> time (PN LED OFF)
		F		Delay 15ms	Only supported in programming mode
		G		Delay 0.1s	
H	Delay 0.5s				

**Dip switch usage**

Dip switch usage				
SW1	SW2		Layout	Remarks
ON	ON	=	Workman	Default = OFF
ON	OFF		Dvorak	
OFF	ON		Colemak	
OFF	OFF		Qwerty	

**Change Fn , Pn position**

SW3	Change Fn , Pn position(ON)	Fn , Pn in original position (OFF)
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How to change Fn , Pn position

Step1 : Choose Layer1 , Layer2 , Layer3

Step2 : Turn on SW3

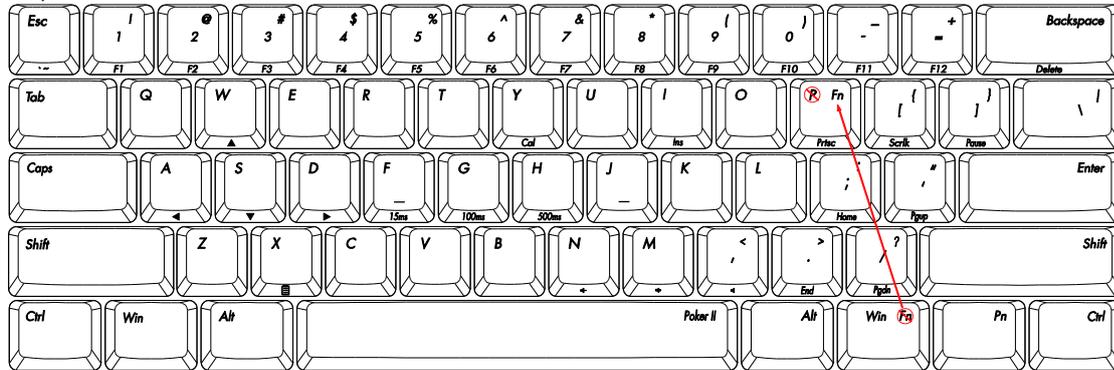
Step3 : Press Fn/Pn , press the new Fn/Pn position

Step4 : Turn off switch 3

Example : Exchange Pn and A on Layer1

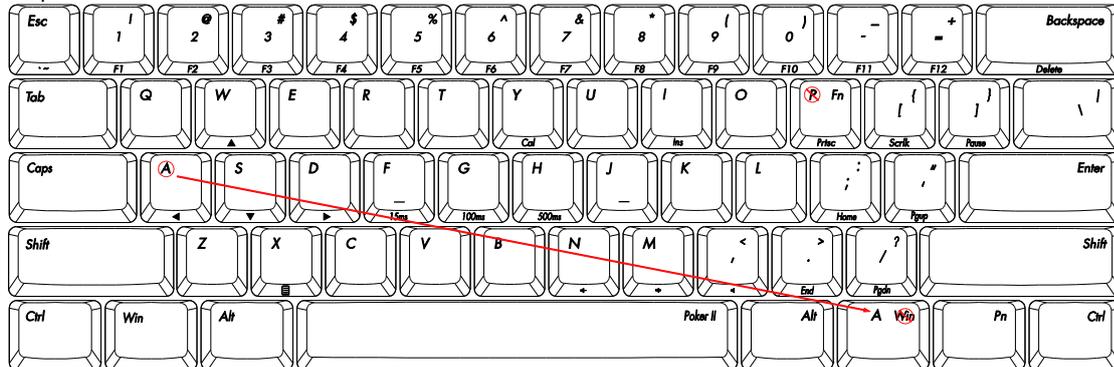
Step1 : Choose Layer1

Step2 : Turn on SW3



Step3 : Press Fn then press the position except A , like P

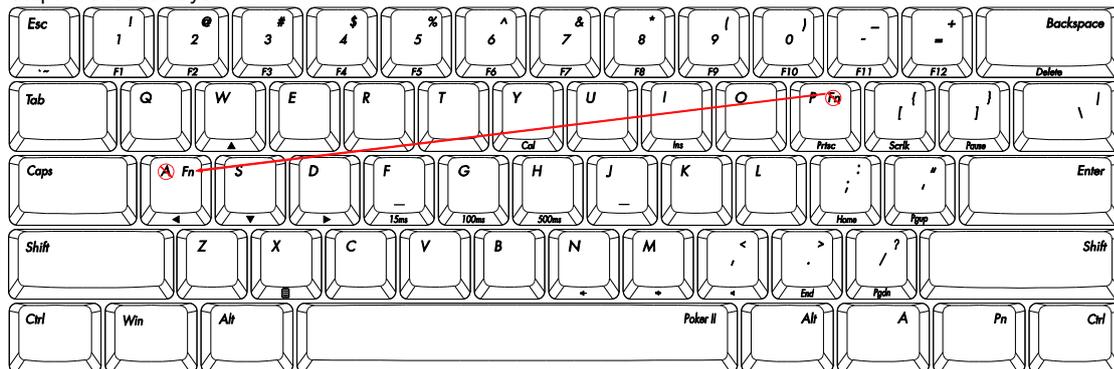
Step4 : Turn off SW3



Step5 : Program the original position of Fn to A

Step6 : Turn on SW3

Step7 : Choose Layer1



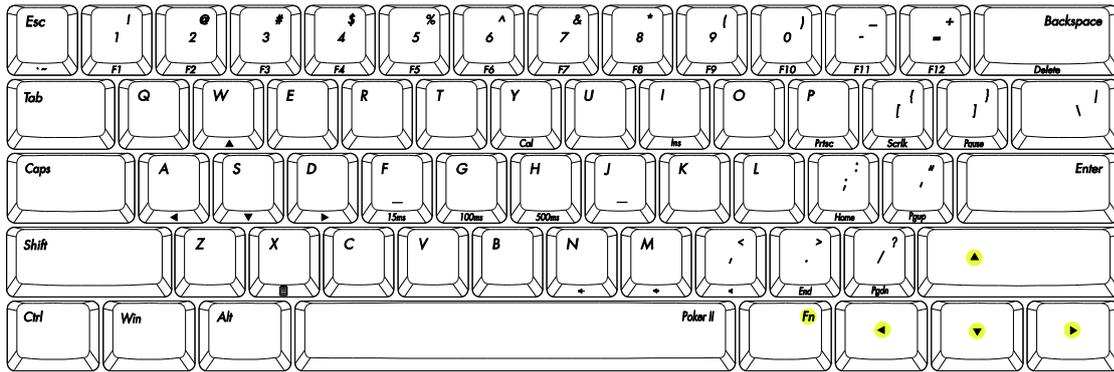
Step8 : Press Fn , press A

Step9 : Turn off SW3

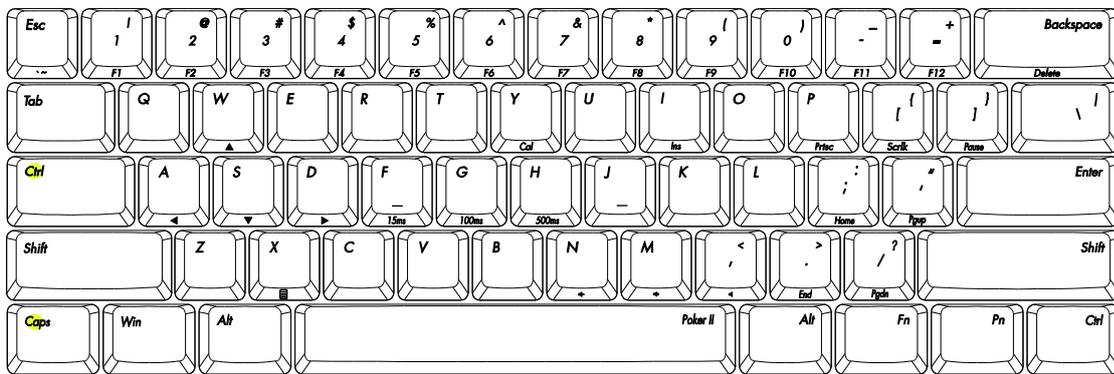
Change layout

The function of SW4,5,6 can only used on default layer

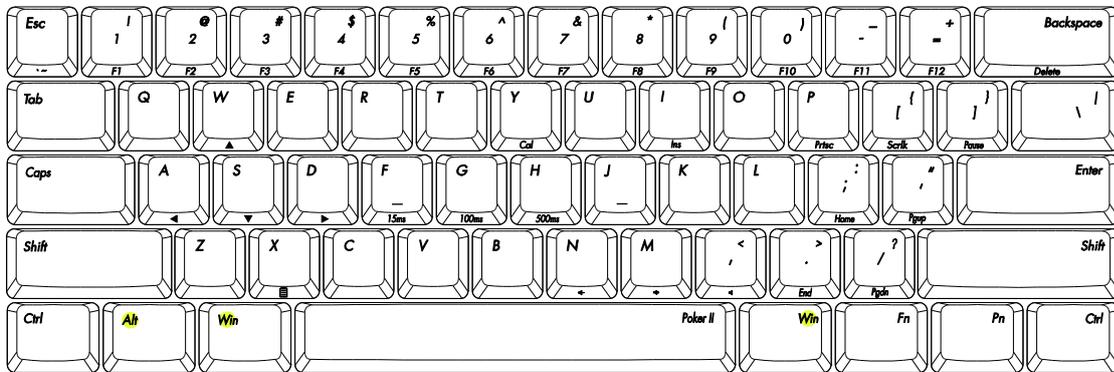
SW4	Turn on arrow keys(ON)	Default layer(OFF)
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SW5	Exchange Capslock/Ctrl(ON)	Default layer (OFF)
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SW6	Exchange Win/Alt (ON)	Default layer (OFF)
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SW6 and SW4 on

