

Thumbkeyboard Software User Manual

Software for AE-SMKD Series Keyboard

• • Make Your Fingers More Usable

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1. The Procedure to Configure Keypad

Step 1: Download latest software from product website, and run it.

Please download the latest software from website

🌠 Thumbkeyboard_V3.6.0_English	2017/8/10
💋 Thumbkeyboard_V3.6.0_日本語	2017/8/10
💋 Thumbkeyboard_V3.6.0_中文	2017/8/10

Manipkeyboard coning	guration	— C	×
			1
11 12 13	14 15 16 17 18	11 12 13 14 15 16 17	18
21 22 23	24 25 26 27 28	20 21 22 23 24 25 26 2	27
31 32	33 34 35 36 37	31 32 33 34 35 36 37	38
41 42	43 44 45 46 47	41 42 43 44 45 46 47	
51	52 53 54 55 56 57	51 52 53 54 55 56 57	
61 62	63 64 65 66 67	61 62 63 64 65 66 6	67
Key Rate (1~100ms)		Key Rate (1~100ms)	
	Two Key Click	LED On/Off	
Mouse Rate (2~100ms)		LED_1 LED_2 Mouse Rate (2~100ms))
	Delay Macro 🔽 Enable	□ LED_3	
Open Device	Get Device Cfg	Save to Device	ot
Open Device	Get Device Cfg Get File Cfg	Save to Device End and Rebo Save to File	oot
Open Device	Get Device Cfg	Save to Device End and Rebo	ot
Open Device Help Step 1. Press and Hol Step 2. the software Step 3. click the key	Get Device Cfg Get File Cfg d Top-Left Key , connect USB port of comp on computer will get Default profile, Or of you want to change, follow the guides fr	Save to Device Save to File ter. The keypad should be into configuration mode and Keypad can' lick (Get Device Cfg) for another profile. (20:37:00) m dialog box (20:37:00)	t u ^
Open Device Help Step 1. Press and Hol Step 2. the software Step 3. click the key Step 4. click Save t Step 5. click button	Get Device Cfg Get File Cfg d Top-Left Key , connect USB port of computer on computer will get Default profile, Or or you want to change, follow the guides fr o Device, store the change to device, or <close>, device will reboot to normal work</close>	Save to Device End and Rebo Save to File ter. The keypad should be into configuration mode and Keypad can' lick <get cfg="" device=""> for another profile. (20: 37: 00) m dialog box (20: 37: 00) click <save file="" to="">, store the change to PC. (20: 37: 00) ing mode. Or disconnect USB port. (20: 37: 00)</save></get>	t u A
Open Device Help Step 1. Press and Hol Step 2. the software Step 3. click the key Step 4. click <save t<br="">Step 5. click button</save>	Get Device Cfg Get File Cfg d Top-Left Key , connect USB port of comp on computer will get Default profile, Or o you want to change, follow the guides fr o Device>, store the change to device, or <close>, device will reboot to normal work</close>	Save to Device End and Rebo Save to File End and Rebo ter. The keypad should be into configuration mode and Keypad can' Ick (Get Device Cfg) for another profile. (20: 37:00) m dialog box (20: 37:00) (20: 37:00) click (Save to File), store the change to PC. (20: 37:00) (20: 37:00) ing mode. Or disconnect USE port. (20: 37:00) (20: 37:00)	t u A

Every Key has one Location ID, eg. Key12, Key62. The first number is row, second number is column.

Key12 means the key located at row 1, col 2.

Key62 means the key located at row 6, col 2.

Step 2: Change the keypad to Configuration Mode.

Press and hold the **top-left** key, then plug the end of USB cable. The keypad will change to configuration mode.



The software of Thumbkeyboard Configuration will pop up one message, found one keypad, And got the default profile(configuration) from keypad.

💋 Thumbkeyboard Configuration	_		\times
<pre>Esc F1 F2 F3 F4 F5 F6 F7 1 2 3 4 5 6 7 Tab Q V E R T Y Space A S M1 F G H Shift Z X C V B NunLock Ctrl Light Fn1 Alt Key Rate (1[*]100ms)</pre>	-		×
3 Two K Mouse Rate (2 [~] 100ms) 2 Delay Macro ☞ Enable			
Open Device Cfg Save to Device End Save to File	and Rel	boot	
Help WRITE Openned (20:32:25) <<		~	

Notes: the software canconfigure only one keypad at one time.

Step 3: Click <Get Device Cfg> and select one Cfg Mode which you will change it.

	S D	F	G	v	4	.1	42	43	44	4	5	46
t	Z X	c v	в	t	51	52	53	54	1	55	56	
₩indow	Alt →	Keyboard C	Configuratio Default	n Mode	C Mod	e 2	C Ma	de 3		64	65	66
~100ms)	Two Key Cli	Default Mode1/2	. Mode: norm :/3: swap by	al working mod user after po	e wer up		OK Cancel		Į	Enable	Key Ra	te (1~1
(2~100ms)			_			-	-	-			Mouse	Rate ()
	Get De	vice Cfg						Sav	e to D	evice		
Device	Get F:	ile Cfg						Sa	ve to 1	File		End a
uned ((22:57:11)	1 11 17	× 1	/00 57 11	<i>۱</i>							

(Or, Click <Get File Cfg> to get one copy from computer, which can recover the configuration.)

Step 4: Click the key you want to change and change it following the guide.

🌠 Thumbkeyboard Configuration		
Left	Right	
Esc F1 F2 F3	F4 F5 F6 PageUp 11 12 13 14 15 16	17 18
1 2 3	4 5 6 tageDown 21 22 23 24 25 26	27
Tab Q W	E R T C 31 32 33 34 35 36 Key Configuration	37 38
CapsLock A S	Key23 (row 2, col 3) 45 46	47
	Key Type Key Code HID Code	
Shift I	0 Normal Key Value 2 <-> 31 56	57
Ctrl Window Alt Key Rate (1~100ms)	Combination	67 ~100ms)
20 Mouse Rate (2~100ms) 5	Fielp e Type 0 Normal Key: - Normal Keyboard mode, every key is with only one code, please input the key code in first value box. e - Only this type, Fl/F2/F3/F4 and FT/F8/F9/F10 with Fnl/Scroll key combination can change Key-Config Mode. 0K - Control/Shiff/Alt/Win Keys must be this type, otherwise these key can 't work. 0K - Special key supported by Hid code, input the Hid code into HID box directly. Combined by Hid code, input the Hid code into HID box	(2~100ms)
Oner Derries	Lancel	and Babase
Screen Keyboard		and Kebbor
Help Esc F1	F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 psc scr brk Fn1 Fn2	
WRITE Openned 1 2	3 4 5 6 7 8 9 0 - = ← Ins Hm Pup Num / * -	<u>^</u>
>>*** Keyboard Tab q	w e r t y u i o p [] \ Del End Pdn 7 8 9 +	
>>Host Version: Caps a	sdfghjkl: Enter 456	=
>>Left Keyboard Ctrl Win	$x \leftarrow v = n = n$, . / Shift $T = 1 = 2 = 3$ Alt SnaceBar Alt Win \exists Ctrl $\leftarrow \downarrow \rightarrow 0$.	-

When configuring one keypad, user can use the screen keyboard to input the key code. Click 'Keyboard' button can pop up the window above.

Thumbkeyboard supports all Hid code. If one key was not in 104 keyboard, user can input the HID code directly.

Get Device Cfg Get File Cfg	Save to Device End and Reboot
22:57:11) in Management Mode and Openned (22:57:11) iration Information *** (22:57:14) in no no no (22:57:14)	A A2 JJ J4 J0 J0 U1
Alt Keyboard Configuration Mode © Default © Mode 1 © Mode 2 Default Mode: normal working mode Model/2/3: swap by user after power up	C Mode 3 OK Cancel Cancel
Get Device Cfg Get File Cfg	Save to Device Save to File

Step 5: Click <Save to Device>, save the change into keypad.(Or click <Save to File > as one copy)

Step 6: Click "End and Reboot", end configuration and reboot the keypad. The keypad will reboot and change to Normal Working Mode. Verify your change and change the keycap location at last.

Markeyboard Configuration	-		×
Esc F1 F2 F3 F4 F6 F6 F7			
<u>1 2 3 4 5 6 7</u>			
Tab Q V E R T MI			
CapeLock A S D F G H			
Shift Z X C V B N			
Ctrl Light Fn1 Alt UNUSE Space M			
Key Rate (1~100ms)			
10 LED On/Off			
Mouse Rate (2~100ns)			
2 Delay Macro I Enable I LED_3			
Open Device Cfg Save to Device	ind and R	eboot)
Get File Cfg Save to File			
Help		_	-
<pre>WKLIE Uperned (20:40:40) << Found Thunbkeboard in Management Mode and Openned (20:46:46) >**** Kewhard Configuration Information *** (20:46:48)</pre>			^
>>Firmware Version: 17 02 03 30 (20:46:49) >>Host Version: 17 02 04 32 (20:46:49)		- 1	
>>Hardware Version = U3 , UU=LYU92, U2=MINI-office, U3=Mini-Gaming, 04=Matrix (20:46:49) >>Left Gaming Pad (20:46:49)			
			~

2.Key Types

The Main Window and Key Configuration



The main window includes left keypad and right keypad. User can click the key button to change keypad. Click the key, "1", will pop up one dialog box as below.

	3	4 5 6 ageDown	21	22	23 24	25	26	
Ъ	W	E R I C Key Configuration	31	32 3:	3 34 X	35	36	37
Lock A		Key22 (row	2, col 2)			45	46	4
Shift	z	Key Type 0 Normal Key <td< td=""><td>K. Value</td><td>ley Code</td><td>HID Code <-> 30</td><td>56</td><td>Τ</td><td>57</td></td<>	K. Value	ley Code	HID Code <-> 30	56	Τ	57
l ¥indow	Alt	46 ☐ Ctr] ☐ Alt ☐ Shift ☐ Window	Г 			65	66	
e (1~100ms)		Left Middle Right		Keyboard		Key I	Rate (1^	(100ms)
0 .ate (2~100ms) 5	Two	 Help Type O Normal Key: Normal keyboard node, evey key is withe key code in first value box. Only this type, TI/T2/T3/F4 and TT/F combination can change Key-Config Mode - Control/Shift/Al/Vin Keys nust be t in Bindows. Special key.none 104 keyboard, also 	th only one code, 8/F9/F10 with Fn: his type, otherw: supported by Hid	, please inpu 4/Scroll key rise can 't wor 1 code, input	t rk OK	.e Mous	e Rate	(2 [~] 100π
)pen Device		Get File Cfg			Cancel Save to Fi	le	End a	and Reb

Key Configuration			×
Key44 (r	ow 4, col 4)		
Кеу Туре		Key Code	HID Code
8 Profile/Macro/Backlights 💌	Feature	4	<→ 33
O Normal Key 1 Fn-Shift Key	End	0	<-> 39
C ² Mouse Key 3 Combination Key			<->
4 Burst Key 5 Round-Robin Key 6 Continue Key 7 Jitter Key		Keyboard	
8 Profile/Macro/Backlights -Hel9 Disable Key			
Type 8 Special Functions: Define shortcut key for special keyp Volum 1 =	ad functions.		
0/1/2/3. Default and 1/2/3 config 8. Background Lights on/off 4/5/6/7. run MacroDelay Script M1 A/B/C/D. run MacroDelay Script M5	Profile /M2/M3/M4 /M6/M7/M8		ОК
Value 2 = Macro Stopping Condition 1. Second Click end macro runnin 0. Release key end macro running	5 :		Cancel

Thumbkeyboard support 9 key types, different key type with different feature.

2.0 Normal Key

The key act as normal 104 keyboard which support standard feature of keyboard. Click one key will report one HID code to computer.

- Normal keyboard mode, every key is with only one code, please input the key code in first value box.
- Only this type, F1/F2/F3/F4 and F7/F8/F9/F10 with Fn1/Scroll key combination can change Key-Config Mode.
- Control/Shift/Alt/Win Keys must be this type, otherwise these keys can't work.
- Special keysupported by Hid code, input the Hid code into HID box directly.

Key Configuration			X
Key22 (row	2,col 2)		
Key Type		Key Code	HID Code
O Normal Key 🔻	Value	1	<-> 30
			<->
Combination			<->
🗖 Left 🦵 Middle 🦵 Right		Keyboard	
 Help Type O Normal Key: Normal keyboard mode, every key is withe key code in first value box. Only this type, F1/F2/F3/F4 and F7/F8 combination can change Key-Config Mode. Control/Shift/Alt/Win Keys must be the can 't work. Special key supported by Hid code, in directly. 	th only one /F9/F10 wit] is type, ot] put the Hid	code, please in h Fn1/Scroll key herwise these k code into HID 1	nput y ey box Cancel



User can input Key value by Screen Keyboard.

2.1 Fn-Shift

Fn1 and Fn2 are new Shift keys, which provide the similar function as shift. User can define new shift-value at here. Every Key location can configure 3 key code as below

Кеу Туре		Key Code	HID Code
1 Fn-Shift Key 💌	Value	A	<−> 4
	+ Fn1 \rightarrow	1	<→ 30
-Combination Ctr] Alt Shift Window	+ Fn2 ->	F1	<→ 58
Help Type 1 Fn-Shift Key:	is with one no	ormal key code	and
- Support Fn-shift feature, every key two optional shift-code.			

Fn1 = Scroll , Fn2 = Num Fn1 + a -> 1 Fn2 + a -> F1

2.2 Mouse-Key

Mouse-Key act as one mouse, control mouse moving, and push down or up Left/Right/Middle button.

Key Configuration			×
Key37	(row 3, col 7)		
Кеу Туре		Key Code	HID Code
2 Mouse Key	· x_axis	5	<-> 34
	y_axis	-2	<->
Combination Ctr] 🗖 Alt 🗖 Shift 🗖 Win	ow		<->
🔽 Left) 🗌 Middle 🗌 Rig	t	Keyboard	
Help Type 2 Mouse Key: - Control mouse moving and mouse 1 - Radio boxes control mouse left/ - Coordes X value is horizontal m moving left, positive value means - Coordes Y value is vertical mov moving up, positive value menas m - Value scope is -127~127 pixel Notics: mouse moving rate (pixel/ moving_unit_rate ;	eys action. iddle/right key ving unit rate, moving right. ng unit rate, mi ving down. econd) = mouse_	action. minus valus mea nus value mean: report_rate *	ans 5 OK Cancel

2.3 Combination Key

This Key Type supports combination key by single key. For example, one click output Ctrl+C, shift+9+0, etc.

Key Configuration			×
Key37 (row	3,col 7)		
Кеу Туре		Key Code	HID Code
3 Combination Key 💌	Value 1	С	<-> 6
	Value 2		<->
Combination Ctr] Alt Shift Window			<->
🗖 Left 🦷 Middle 🥅 Right		Keyboard	
Help Type 3 Combination Key: Single key replace key conbination. for = Ctrl+v. Please select the control key from rad: into value box.	r example, coj io boxes, and	py = Ctrl+C, ; input key co	paste de OK Cancel

Check the function keys, include ctrl/alt/shift/window.

Input the key code at Value1, Value2 by Screen keyboard.

2.4 Burst Key

One click output 2 or 3 key codes. For example, one click output '[' +']', abc , 123, etc.

Key27 (ro	v 2,col 7)		
Кеу Туре		Key Code	HID Code
4 Burst Key 💌	Value 1	a	<-> 4
	Value 2	Ь	<-> 5
- 组合键 □ Ctr] □ Alt □ Shift □ Window	Value 3	c	<-> 6
🗖 Left 🔲 Middle 🥅 Right		Keyboard	
Help Type 4 Burst Key:			

Eg. Click key27 will output abc, total 3 chars.

2.5 Round-Robin Key

It's one feature for gaming application.

Key Configuration			
Key22 (row	2,col 2)		
Key Type		Key Code	HID Code
5 Round-Robin Key 💌	Value 1	a	<-> 4
	Value 2	b	<-> 5
Combination Ctrl Ctrl Shift Window	Value 3	c	<-> 6
🗖 Left 🗖 Middle 🧖 Right		Keyboar d	
Help Type 5 Round-Robin Key: Every click output one key code, but t click, round-robin. For example, config one key as this mo code, A/B/C, then first ouput is A, ne return to A. Tips: for gaming, single key control	he key code w: de, config th xt is B, the I three skills,	ill change ev ree key last is C, th . seuqence ou	ery en OK tput Cancel

2.6 Continue Key

It's one feature for gaming application.

Key Configuration			×
Key18 (row	1,col 8)		
Key Type		Key Code	HID Code
6 Continue Key 💌	Value 1	t	<-> 23
	Stop	t	<-> 23
Combination Ctr] Alt Shift Mindow			<->
🗖 Left 🔲 Middle 🗖 Right		Keyboard	
Help Type 6 Continue Key: The first click will hold output action the second click should be same key or up to the terminate condition. - no terminate condition means any key except Ctrl/Alt/Shift/Space key. - the terminate condition could be same Key can stop the action. - support multiple Continue keys, but o once.	until second other Continu can stop Cont key code, ma nly the last	d click happer me Key, which tinue Key acti eans only Cont click key wor	nd. is on, .inue k at Cancel

2.7 Jitter Key

It's one feature for gaming application.

Key18 (row	1,col 8)		
Key Type		Key Code	HID Code
7 Jitter Key 💌	Value 1	t	<-> 23
	Value 2	q	<-> 20
Combination	Value 3	r	<-> 21
🗖 Left 🔲 Middle 🗖 Right		Keyboard	
Help-			
For gaming application, simulate user action, over 20 click action per second Every key can simulate 1~3 key code, fi simulating action, next click stop simu	s quick and : rst click ac latiing.	frequency clic	t OK

2.8 Special Functions

Define shortcut key, the feature ID as below.

Feature:

0.	Switch to default configuration mode
1/2/3.	Switch to configuration mode 1/2/3
8.	Backlights on/off
4/5/6/7.	MacroDelay Script M1/M2/M3/M4
A/B/C/D.	MacroDelay Script M5/M6/M7/M8

End condition:

It's only for MacroDelay feature, which define how to end the macro running.

- 1. Second click will stop the macro running, or end by END commands.
- 2. Release key will stop the macro running.

Key Configuration				\times
Key44 (ros	# 4,col 4)			
Кеу Туре		Key Code	HID Code	
8 Profile/Macro/Backlights 💌	Feature	4	<-> 33	
0 Normal Key 1 Fn-Shift Key	End	0	<→ 39	
d2 Mouse Key 3 Combination Key			\leftrightarrow	
4 Burst Key 5 Round-Robin Key 6 Continue Key		Keyboard		
7 Jitter Key 8 Profile/Macro/Backlights - Hel9 Disable Key				
Type 8 Special Functions: Define shortcut key for special keypad	l functions.			
 Value 1 - 0/1/2/3. Default and 1/2/3 config H 8. Background Lights on/off 4/5/6/7. run MacroDelay Script M1/M A/B/C/D. run MacroDelay Script M5/M 	Profile M2/M3/M4 M6/M7/M8		ОК	
Value 2 = Macro Stopping Condition 1. Second Click end macro running 0. Release key end macro running			Cancel	

2.9 Disable Key

Disable one key. For example, disable Window Key in gaming application.

Ke	y Configuration	
	Key18 (row	1, col 8)
	Кеу Туре	Key Code HID Code
	9 Disable Key 🔽 🔽	\leftrightarrow
	Combination	
	Left Middle Right	Keyboard
	-Help Type 9 Disable Key: Disable key , which can't work, the cli host.	ck won't send any signal to
		Cancel

3. Applications

3.1 How to switch Profiles(configurations)

There are 4 profiles in Thumbkeyboard, named Default Cfg Mode, Cfg Mode 1/2/3. One profile is one key-map.

The Default Cfg is the key map after keypad power on, user uses this map normally.

Cfg Mode 1/2/3 is special configuration for different application, such as software coding, Gaming, Drawing, or as one copy of Default Cfg.

3.1.1 Keypad Command (hotkey)

The keypad command below can switch profiles.

Fn1 + F1: default Cfg Mode (Left keypad)	Fn1 + F7: default Cfg (right keypad)
Fn1 + F2: Cfg Mode 1	Fn1 + F8: Cfg Mode 1
Fn1 + F3: Cfg Mode 2	Fn1 + F9: Cfg Mode 2
Fn1 + F4: Cfg Mode 3	Fn1 + F10: Cfg Mode 3

Notes: the keypad should support Fn1/Scroll key. User can define one Fn1 key if the default hasn't.

3.1.2 Define one Mode key

User can define one dedicated mode key to switch profiles based Key Type 8 Profile/Macro/Backlights .

Key Configuration				>
Key37 (row	3,col 7)			
Кеу Туре		Key Code	HID Code	
8 Profile/Macro/Backlights 💌	Feature	1	<→ 30	
	End		<-> □	
Combination Ctr] Alt Shift Window			<->	
🗖 Left 🔲 Middle 🥅 Right		Keyboard		
-Help Type 8 Special Functions: Define shortcut key for special keypad Value 1 = 0/1/2/3. Default and 1/2/3 config Pr 8. Background Lights on/off 4/5/6/7. run MacroDelay Script M1/M2 A/B/C/D. run MacroDelay Script M5/M6 Value 2 = Macro Stopping Condition 1. Second Click end macro running 0. Release key end macro running	functions. ofile /M3/M4 /M7/M8		OK	

For example:

Key37 as one Mode key to switch profiles. User should define key37 in every profile.

The default configuration :	Key37 = No. 1	switch to profile 1;
Configuration 1 (profile 1):	Key37 = No. 2	switch to profile 2;
Configuration 2 (profile 2):	Key37 = No. 3	switch to profile 3;
Configuration 3 (profile 3):	Key37 = No. 0	switch to the default configuration;

3.2 Fn1-shift and Fn2-shift to expand keys

Fn1 and Fn2 are new shift which can expand keys. Every key location supports both Fn1 and Fn2 shift. For example: expand Edit keys on right-pad by Fn1-shift, and one Num-pad by Fn2-shift.



Fn1-Shift: Page Up/Home/Up/End/Backspace

Page Down/Left/Down/Right

Fn2-Shift: Num Pad

Notes:

Fn1 = Scroll, Fn1 is shift mode, Scroll is Lock mode.

Fn2 = Num, Fn2 is shift mode, Num is Lock mode.

3.3 Shortcut keypad Tools

User can define the keypad as one shortcut keypad tools. There's two ways to define combination keys. The type of Combination Key, and Two-Key-Click.

3.3.1 Combination Key Type

Every key of Thumbkeyboard can be configured as one shortcut key, and all 4 profiles support this feature. One keypad supports 43(Key) x 4 (profiles) = 172 shortcut definition.

Key Configuration			×
Ke			
Кеу Туре		Key Code	HID Code
3 Combination Key	▼ Value 1	C <-:	> 6
	Value 2	<	> 🖂 👘
Combination Ctr] Ctr] Alt Shift []	*indow	<hr/>	
🗖 Left 🧖 Middle 🧖	Right	Keyboard	
Help Type 3 Combination Key: Single key replace key conbina = Ctrl+v. Please select the control key into value box.	tion. for example, co from radio boxes, and	py = Ctrl+C, paste input key code	OK Cancel

Example: Key37 = Ctrl+C (copy)

3.3.2 Two-Key-Click feature.

This feature is one multiple shift function. Pressing two keys, the keypad will report one combination keyor one char to PC, max 6 char, or 5 char + shift/ctrl/alt/win. There's two ways to trigger the definition. One way is two normal key trigger it, another way is that define one burst key to trigger it.

Example:

s + d	->	Enter
Pause + a	->	shift +1
Pause + s	->	shift + 2
Space + f	->	Esc



Figure. Two-Key-Click Editor

Step 1: Enable Two-Key-Click feature

🜠 Thumbkeyboard Configuration	_		×
Esc F1 F2 F3 F4 F5 F6 PageUp			
` 1 2 3 4 5 6 'ageDown			
Tab Q W E R T C			
CapsLock A S D F G V			
Shift Z X C V B Up			
Ctrl Window Alt Right Left Space Down			
Key Rate (1~100ms)			
10 LED On/Off			
Mouse Rate (2~100ms)			
2 Delay Macro V Enable V LED_3			
Get Device Cfg Save to Device			
Open Device Er Get File Cfg Save to File	nd and Re	boot	
Help >>Hardware Version = 03 , 00=LY092, 02=MINI-office, 03=Mini-Gaming, 04=Matrix (20:33:21)		,	~
>>Left Gaming Pad (20:33:21) >>*** Keyboard Configuration Information *** (20:56:11)			
>>Fortinuwate Version: 17 05 16 30 (20:56:11) >>Host Version: 17 04 07 42 (20:56:11) >>Hardware Version = 03, 00=LY092, 02=MINI-office, 03=Mini-Gaming, 04=Matrix (20:56:11) >>Left Gaming Pad (20:56:11)			
			1

Notes: Every profile has one selection to enable/disable Two-Key-Click feature.

Step 2: Got the configuration in device

Click the button <Two Key Click> will pop up the window of editor, and loaded configuration.

TwoKeyClick Editor		X
Edit No.	Key_1 Key_2 it command	-> + + + + + + + + + + + + + + + + + + +
No. 1: No. 2: Command List No. 3: No. 4: No. 5: No. 6:	Get Device Cfg Save to Device	Help TwoKeyClick Feature Click two normal key output one combination
No. 7 : No. 8 : No. 9 : No. 10 : No. 11 : No. 12 : No. 13 :		eg. s + d -> Enter space + a -> Shift+Ctrl+w+d+c Combination: max 5 Key +shift+ctrl+alt+win
No.14: No.15: No.16: No.17: No.18: No.19:		Step 1: click <get cfg="" device=""> Step 2: Slect Cfg Item No. Step 3: Edit the combination</get>
No.20: No.21: No.22: A Pause \rightarrow Shift + 1 No.23: D Pause \rightarrow Shift + 3 No.24: E Pause \rightarrow Shift + 8 No.25: F Pause \rightarrow Shift + 4 No.26: G Pause \rightarrow Shift + 5	Get File Cfg	Step 4: dick <ok> confirm the change Step 5: dick <save device="" to=""> update device</save></ok>
No.27: Q Pause \rightarrow Shift + 6 No.28: R Pause \rightarrow Shift + 9 No.29: S Pause \rightarrow Shift + 2 No.30: T Pause \rightarrow Shift + 0 No.31: W Pause \rightarrow Shift + 7 No.32: Space Pause \rightarrow + B + C + D + E + E + A	Save to File	Total 32 item All items can be saved to PC as backup
	Cancel	Help

Step 3: Edit one command

Select the number of command and edit it . Click <ok> can finish it.

TwoKeyClick Editor	×
- Edit	
No. # 01 # 01 # 02 # 03 # 04	
# 05 # 06 No. 1: # 07 No. 2: # 08 No. 3: # 09 No. 4: # 10 No. 5: # 10	Get Device Cfg Help TwoKeyClick Feature
No. 6: # 11 No. 7: # 12 No. 8: # 14 No. 9: # 15 No. 10: # 16	Click two normal key output one combination eg. s + d -> Enter space + a -> Shift+Ctrl+w+d+c
No.11: # 17 No.12: # 18 No.13: # 19 No.14: # 20 No.15: # 21	Combination: max 5 Key +shift+ctrl+alt+win Step 1: dick <get cfg="" device=""></get>
No.10: # 22 No.17: # 23 No.18: # 24 No.19: # 25 No.20: # 25 No.21: # 27	Step 2: Slect Cfg Item No. Step 3: Edit the combination
No.22: A Pause→ Sh # 29 No.23: D Pause→ Sh # 29 No.24: E Pause→ Sh # 30 No.25: F Pause→ Sh # 31 No.26: G Pause→ Sh # 31 No.26: G Pause→ Sh # 32	Step 5: click <save device="" to=""> update device Get File Cfg</save>
No.27: Q Pause→ Shift + 5 No.28: R Pause→ Shift + 9 No.29: S Pause→ Shift + 2 No.30: T Pause→ Shift + 2 No.31: W Pause→ Shift + 7	Save to File Total 32 item All items can be saved to PC as backup
No.32: Space Pause→ +B+C+D+E+F+A	Cancel

Figure. Select No.32

οK	eyO	Click	Ed	itor																														
-	Ed	lit ·																																
	No	o.			# 32					•		Spa		Pause		~>	B	+ (- +	D +	E	+ F		_										
	_			1				_	_	_		Kev	1	Kev 2			_		_ !		_	_	- 1	- A										
	L	OK	(Ι.	Cu	ıt	9	creen l	Keybo	ard		NCY_		NC Y _2			ПС	trl +	🗌 Shi	ft +	Alt	+ 🗆	Win											
. 1	÷											Ge	et Dev	ice Cfg		- He	elp —																	
. 3																		Two	KeyClic	k Feat	ure													
. 5												Sa	we to	Device																				
	Sc	ree	n Ke	ybo	ard																_			×										
6	E	lsc		F1	F2	F3	F4	F	5 F	6 F	7 F8	3	F9	F10	F11]	F12	psc	scr	brk	F	ni	F	n2											
		`	1	2	3	4	5	6	7	8	9	0	-	=	Ba	ck	Ins	Hm	Pup	Num	7	*	-											
i.		Ta	Ь	q	w	е	r	t	у	u	i	0	р]]	$\langle X \rangle$	Del	End	Pdn	7	8	9	+											
1		Cap	s	a	s	d	f	g	h	j	k	1	1	,	Ent	er				4	5	6												
		Shift z x c v b n m					c v b n m					z x c v b n m					lift z x c v b n m					÷	/	2	hift	_		1		1	2	3	Ent	
).).	С	trl	W:	in	Alt SpaceBar						A	lt	₩in	App	Ct	trl	+	+	→		0	•												
7.20 7.2): 1:															Ste	p 4: di	ck <oł< td=""><td><> cont</td><td>firm the</td><td>e chan</td><td>ge</td><td></td><td></td></oł<>	<> cont	firm the	e chan	ge												
).2.).2.	2: 3:	A Pa D Pa	iuse- iuse-	→ Sh → Sh	ift + ift +	1 3										Sta	n 5: di	+ ~ 5:	ave to i	Device	Sund	ata de	wice											
).2·	4: 5:	E Pa F Pa	use- use-	→ Shi → Shi	ift +8 ift +4	8 4							Get Fi	le Cfg		510	.p 5. ci		ave to	Device	> upu		VICE											
).2().2	5: 7:	G Pa Q Pa	iuse- iuse-	→ Sh → Sh	ift + ift +	5 6																												
).20).29	3: 9:	R Pa S Pa	use-	→ Sh → Shi	ift + ift +	9 2							Save t	to File		Total 32 item																		
).3().3): 1:	T Pa W Pa	use-	→ Shi → Sh	ift + (hift +	0									-	All i	items c	an be	saved	to PC a	as bac	kup												
.3	2:	Spac	te Pa	use-	÷ +	B + C	C + D -	+ E + F	= + A				Can	cel																				
											>																							

Input the char by Screen Keyboard

Step 4: Finish the configuration and save to device

Click <Save to Device> save all configuration to device.

TwoKeyClick Editor		×
Edit No. # 32 V OK Cut Screen Keyboard	Space + Pause Key_1 Key_2	-> [B + [C + [D + [E + [F]] + [A] Ctrl + [] Shift + [] Alt + [] Win
No. 1: No. 2: No. 3: No. 4: No. 5: No. 6: No. 7: No. 9: No. 9: No. 9: No. 10: No. 11: No. 12: No. 13: No. 14: No. 15: No. 14: No. 15: No. 14: No. 15: No. 16: No. 17: No. 22: No. 23: Pause \rightarrow Shift + 1 No. 23: C Pause \rightarrow Shift + 3 No. 24: E Pause \rightarrow Shift + 8 No. 25: F Pause \rightarrow Shift + 4 No. 26: G Pause \rightarrow Shift + 5 No. 27: C Pause \rightarrow Shift + 9 No. 29: S Pause \rightarrow Shift + 0 No. 31: W Pause \rightarrow Shift + 7 No. 32: Space Pause \rightarrow + B + C + D + E + F + A	Get Device Cfg Save to Device Get File Cfg Save to File Cancel	Help TwoKeyClick Feature Lick two normal key output one combination eg. s + d -> Enter space + a -> Shift+Ctrl+w+d+c Combination: max 5 Key +shift+ctrl+alt+win Step 1: click <get cfg="" device=""> Step 2: Slect Cfg Item No. Step 3: Edit the combination Step 4: click Combination Step 4: click Combination Step 5: click <save device="" to=""> update device</save> Total 32 item All items can be saved to PC as backup </get>
	/	

Step 5: Verify the configuration

Close Editor windows, and click <End and Reboot>. Verify all commands.

One key trigger two-key-click command

One key also can trigger two-key-click command as below. Define one key as Burst Key, one click output two char.

Key Configuration			×	C								
Key52 (row 5, col 2)												
Кеу Туре		Key Code	HID Code									
4 Burst Key 💌	Value 1	Pause	<-> 72									
	Value 2	Space	<→ 44									
Combination Ctr] 🔲 Alt 🗌 Shift 🔲 Window	Value 3		\longleftrightarrow									
🗖 Left 🗖 Middle 🗖 Right		Keyboard										
Help Type 4 Burst Key: Single click output several key codes - for example, config Key61 as burst k 1/2/3, signle click will output 1,2,3, - support two or three code burst. Tips: for word application, output application, one click with 3 skills.	at once. ey mode, con. total 3 char: one pair [].	fig three key acteres. Gaming	code OK Cancel									

Example: Key52 = pause+Space -> bcdefa

3.4 ProgrammableDelay-Macro (Gaming Feature)

Thumbkeyboard supports total 8 Delay-Macro Scripts, named M1/M2/M3/M4 and M5/M6/M7/M8. Split keyboard supports 4 Delay-Macro Scripts. Every Delay-Macro supports 32 key-actions.

Example:

01#	Press	Shift+H	+ 40 (ms)	;	press shift + h, and delay 40ms
02#	Press	E	+ 40 (ms)	;	press e, and delay 40ms
03#	Press	L	+ 40 (ms)	;	press I, and delay 40ms
04#	Press	Р	+ 40 (ms)	;	press p, and delay 40ms
05#	Releas	e	+ 40 (ms)	;	release p, and delay 40ms
06#	End		+ 40 (ms)	;	the end, free all key

This macro will output one word, Help.

3.4.1 Macro Instruction

Command	Description
Press	One key down, and hold some time.
	Eg. Press shift+h +40ms ;
Release	One key up, and delay some time
	Eg. Release +40ms
Delay	Delay some time, 1ms ~ 63999ms
	Eg. Delay 2000ms
Goto	Jump to one instruction and running, scope 0~31
	Eg. Goto 0; jump to the first instruction of Delay-Macro
Keydown	One button down, and delay some time. If the button was mouse key,
	Keydown command can control mouse moving or click.
	Eg. Keydown key26 +2ms; the button(row 2,col 6) press down
Кеуир	One button up , and delay some time
	Eg. Keyup key26 +2ms; the button(row 2,col 6) release
End	End macro, and release all key and button
	Eg. End +30ms ; end running, and delay 30ms
Nop	Null, just pass

3.4.2 Edit one Delay-Macro

Step1: Enable Delay-Macro Feature, and click the button (Delay Macro) to edit one script.

Esc	F1	F2	F3	F4	F5	F6	F7				
	1	2	з	4	5	6	7				
Tab	G	۲ ۲	۲ I	E F	1	r	M1				
CapsL	ock	A	s	D	F	Ģ	н	_			
Sł	nift	z	x	с	v	в	N				
Ctrl	Lig	ht	Fn1	Alt	Space	UNUSE	M				
Key Rate	(1~100m	s)									
Mouse Rat	10 ce (2~10 2	Oms)	<	Two Del	Key Clic ay Macro		Enable Enable				
Op	en Devic	e	Ge	t Device et File	Cfg Cfg				Save to Devi	ce End and Reboot	:
Help >>Hardwa >>Left G >>*** Ke >>Firmwa	re Versi aming Pa yboard C re Versi	on = 03 d onfigur: on: 00	, 00=L (20:43:2 ation In 00 00 0	Y092, 0 2) formatio 0 (2=MINI-0 n *** 20:43:43	office, (20:- 3)	03=Mini-(43:43)	aming, 04=Matrix	(20: 43: 22)		^
>>Host V >>Hardwa >>Left G	ersion: re Versi aming Pa	17 02 1 .on = 03 .d	U4 32 , OO=L (20:43:4	(20:4 YO92, O 3)	3:43) 2=MINI-0	office, I	03=Mini-(aming, O4=Matrix	(20: 43: 43)		~

Every profile has one switch to enable/disable Delay-Macro feature.

Click the button<Delay Macro>, User can start Delay-Macro editor.

Step2: Select Delay-Macro Script and Load it from the device.



User can select one script from M1~M8. And click "Get Device Cfg" load it from device.

User can select one script from M1~M8. And click "Save to Device" save it to device.

Step 3: Edit one command

MacroDelay Editor	×
Edit	
Command No. M8 3# ■ OK Cut Macro Instructions(1~32) 01# Press Shift+M + 20 (ms) 02# Release + 10 (ms) 03# Press 8 + 20 (ms) 04# Release + 10 (ms) 05# End + 5 (ms) 06# Nop + 40 (ms) 07# Nop + 40 (ms) 08# Nop + 40 (ms) 10# Nop + 40 (ms) 11# Nop + 40 (ms) 12# Nop + 40 (ms) 13# Nop + 40 (ms) 14# Nop + 40 (ms) 15# Nop + 40 (ms)	Command Key Value Delay ms 1- Press + 8 + 20 0- Nop + 20 + 20 1- Press + 8 + 20 2- Release - Ctrl Shift Alt Win 3- Delay + - - - - 4- Goto - - - - - 5- End ODelay Editor - - - - - 6- KeyDown -
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Get Device Cfg 1.Select Macro Item(M1~M4) Macro Script M8
28# Nop + 40 (ms) 29# Nop + 40 (ms) 30# Nop + 40 (ms) 31# Nop + 40 (ms) 32# End + 40 (ms)	Get File Cfg Save to File Delete All

- 1. Select one command from Command No. list, which user wants to change.
- Select one instruction from Command list. The command list includes Nop/Press/Release /Delay/Goto/ Keydown/Keyup, and End.
- 3. Input the parameter in the next window, "Key Value", different instruction with different parameters. User can use "Screen Keyboard" to select key code.

Mac	lacroDelay Editor X																				
Г	Edit —																				
	Command No. Command Key Value							Delay ms			_										
	M8 1	7#			•	=		1- P	ress		_	•	+	Ba	ckspac	e	+ 40				
OK Cut Screen Keyboard + Alt Win																					
Macr	Macro Instructions(1~32) Help																				
01#	# Press \$	Shift+I	M +	20 (m	s)			- A	!			Ma	croDelay E	ditor							
0	Screen K	eybo	ard														-	_		\times	
0	Esc	F1	F2	F3	F4	F	'5 I	F6 F	7 F8	8	F9	F10	F11 F12	psc	scr	brk	Fr	1	Fr	12	
0	<u>`</u> 1	2	3	4	5	6	7	8	9	0	-	=	Back	Ins	Hm	Pup	Num	7	*	-	
0	Tab	q	w	е	r	t	у	u	i	0	р	[1 \	Del	End	Pdn	7	8	9	1	
1	Caps	a	S	d	f	g	h	j	k	1	:	,	Enter				4	5	6		
1	Shift	z	х	с	v	Ъ	n	m	,	•	7	2	hift		1		1	2	3	P 1	
1	Ctrl 🛛	lin	Alt		S	pace	Bar		A	lt	₩in	App	Ctrl	÷	¥	→	()	•	Ent	
1 17‡	# Nop	+ 40	(ms)						! Ci	irrent	Macro	Block	= M8								

- 4. Set one delay time at last window, the unit is ms, 1000ms = 1 second. Every key action should be with one delay time.
- 5. Click "OK" confirm the change.

"Cut" can delete one command.

"Delete All" can delete all commands.

6. "Save to Device" save the macro script to device according selected macro item.

Example:

MacroDe	elay Editor				×	(
Edit M8	Command No.	_	Command	•	Key Value Delay ms + 8 + 20	
	OK Cut		, Screen Keyboard		+ □ Ctrl □ Shift □ Alt □ Win	
Edit						7
M8	Command No.	=	Command <mark>4- Goto</mark>	•	Key Value Delay ms + 0 + 20	
	OK Cut		Screen Keyboard		+ Ctrl 🗔 Shift 🗔 Alt 🔲 Win	
Edit						
M8	Command No.	=	Command 6- KeyDown	•	Key Value Delay ms + 26 + 40	
	OK Cut		Screen Keyboard		+ Ctrl Shift Alt Win	

Every Macro script should end with one END instruction, otherwise will continue to run next macro script.

Step 4: Define one key to trigger Delay-Macro

User can select one key to trigger Delay-Macro.

	Esc	F1	F	2	F3	F4	F5	F6	F7		
	`	1		2	3	4	5	6	7	Key Configuration	×
										Key37 (row 3, col 7)	
	Tab								<u></u>	Key Type Key Code HID Code	
	CapsL	ock	A		S	D	F	G	Н	End 0 <-> 39	
	SI	hift		Z	x	C	v v	∎	N	Combination <-> □ Ctrl □ Alt □ Shift □ Window □ Left □ Middle □ Right Keyboard	
	Ctrl	L	ight	I	Fnl	Alt	Space	UNUSE	м	Help- Type 8 Special Functions:	
ĸ	ey Rate	(1~10	0ms) 10	j		Two	Key Clic	k	Enable	Define shortout key for special keypad functions. Value 1 = 0/1/2/3. Default and 1/2/3 config Profile 8. Background Lights on/off 4/5/6/7. run MacroDelay Script M5/M6/M7/M8 Value 2 = Macro Stronging Condition	
Mouse Rate (2~100ms)			De	lay Macro	V	Enable	Second Click end macro running Release key end macro running Cancel				

- 1. Select one key and click it.
- 2. Select Key Type 8
- 3. Input the value to select macro script. 4/5/6/7 or A/B/C/D
- 4. Configure the End mode how to end macro, release-end, or second-click-end.

At last, click "Save to Device" and "End and Reboot"

3.4.3 Delay-Macro Examples

01#	Press	Shift+G	+ 40 (ms)		
02#	Release		+ 40 (ms)		
03#	Press	0	+ 40 (ms)		
04#	Release		+ 40 (ms)		
05#	Press	Shift+1	+ 10 (ms)		
06#	Release		+ 40 (ms)		
07#	Delay		+ 1000 (ms)	;	delay 1 second
08#	Goto	0	+ 10 (ms)	;	jump to the beginning

Example:	2w
----------	----

01#	Press 2	+ 20 (ms)	;	key down, 2
02#	Release	+ 10 (ms)	;	key up , 2
03#	Press W	+ 20 (ms)	;	key down, w
04#	Release	+ 10 (ms)	;	key up, w
05#	End	+ 5 (ms)		

Example: Here is Delay Macro Demo

01#	Press	Shift+H	+ 40 (ms)
02#	Press	E	+ 40 (ms)
03#	Press	R	+ 40 (ms)
04#	Press	E	+ 40 (ms)
05#	Press	Space	+ 40 (ms)
06#	Press	I	+ 40 (ms)
07#	Press	S	+ 40 (ms)
08#	Press	Space	+ 40 (ms)
09#	Press	Shift+D	+ 40 (ms)
10#	Press	E	+ 40 (ms)
11#	Press	L	+ 40 (ms)
12#	Press	А	+ 40 (ms)
13#	Press	Y	+ 40 (ms)
14#	Press	Space	+ 40 (ms)
15#	Press	Shift+M	+ 40 (ms)
16#	Press	А	+ 40 (ms)
17#	Press	С	+ 40 (ms)
18#	Press	R	+ 40 (ms)
19#	Press	0	+ 40 (ms)
20#	Press	Space	+ 40 (ms)
21#	Press	Shift+D	+ 40 (ms)
22#	Press	E	+ 40 (ms)
23#	Press	Μ	+ 40 (ms)
24#	Press	0	+ 40 (ms)
25#	Press	Space	+ 40 (ms)
26#	Release	5	+ 40 (ms)
27#	Nop		+ 40 (ms)
28#	Press	Space	+ 40 (ms)
29#	Press	Shift+M	+ 40 (ms)
30#	Press	4	+ 40 (ms)
31#	Release	2	+ 40 (ms)
32#	End		+ 40 (ms)

Example: 16 buttons press down ,and keep 500ms.

01#	KeyDown	Key25	+ 2 (ms)
02#	KeyDown	Key22	+ 2 (ms)
03#	KeyDown	Key23	+ 2 (ms)
04#	KeyDown	Key24	+ 2 (ms)
05#	KeyDown	Key32	+ 2 (ms)
06#	KeyDown	Кеу33	+ 2 (ms)
07#	KeyDown	Key34	+ 2 (ms)
08#	KeyDown	Key35	+ 2 (ms)
09#	KeyDown	Key42	+ 2 (ms)
10#	KeyDown	Key43	+ 2 (ms)
11#	KeyDown	Key44	+ 2 (ms)
12#	KeyDown	Key45	+ 2 (ms)
13#	KeyDown	Key52	+ 2 (ms)
14#	KeyDown	Key53	+ 2 (ms)
15#	KeyDown	Key54	+ 2 (ms)
16#	KeyDown	Key55	+ 2 (ms)
17#	Delay		+ 500 (ms)
18#	End		+ 500 (ms)

; delay 500ms, keep buttons down

; end macro, release all keys and buttons, delay 500ms

Example: control mouse moving.

01#	KeyDown	Key26	+ 400 (ms)
02#	KeyUp	Key26	+ 200 (ms)
03#	KeyDown	Key27	+ 200 (ms)
04#	KeyUp	Key27	+ 200 (ms)
05#	KeyDown	Key28	+ 400 (ms)
06#	KeyUp	Key28	+ 400 (ms)
07#	KeyDown	Key17	+ 200 (ms)
08#	KeyUp	Key17	+ 40 (ms)
09#	Goto	0	+ 40 (ms)

Key26/27/28/17 are mouse moving Left/down/right/up. User can configure it at main window. This feature can control game-role turn around only one click.

	Ì	M1	M2	мз	M4	Mouse	Mouse	Mouse				
	Key	Configura	ition		1	1	1		1	×		
	Key27 (row 2, col 7)											
_		2 Mouse K	Кеу Туре Кеу			x_ax	Key is	· Code	HID Code			
	Combination								↔ 31			
	□ Ctr] □ Alt □ Shift □ Window □ Left □ Middle □ Right Keyboard											
.ey	- Help Type 2 Mouse Key: - Control mouse moving and mouse keys action. - Radio boxes control mouse left/middle/right key action.											
lous	- Coordes A value is norizontal moving unit Yate, minus Valus means moving left, positive value means moving right. 16 - Coordes Y value is vertical moving unit rate, minus value means moving up, positive value menas moving down. - Value scope is -127 ⁷ 127 pixel Notice: mouse moving rate (nivel/second) = mouse report rate *											
	mo	ving_unit	_rate ;	-		<u></u>			Cancel	·		

Example: define one key to control mouse

3.5 How to expand more keys

Keypad is half of normal keyboard, only with 43/44 key on board. But there's 3 ways to expand more keys.

Method 1: Fn1/Fn2-shift

Fn1 and Fn2 are new shift which can expand keys. All key location supports this feature.
For example: expand Edit keys on right-pad by Fn1-shift, and one Num-pad by Fn2-shift.
Please refer chapter "3.2 Fn1-shift and Fn2-shift to expand keys".

Method 2: 4 Profiles

There are 4 profiles in keypad, named Default Cfg Mode, Cfg Mode 1/2/3. One profile is one key-map.

Please refer chapter "3.1 How to switch Profiles(configurations)".

Method 3 : Two-Key-Click

Two-Key-Click is one multiple shift function. Pressing two keys, the keypad will report one combination key or one char to PC, max 6 char, or 5 char + shift/ctrl/alt/win. There's two ways to trigger the definition. One way is two normal key trigger it, another way is that define one burst key to trigger it.

Total 32 commands for Two-Key-Click.

Please refer chapter" 3.3.2 Two-Key-Click feature. ".

3.6 One click output chars

One key implement keys combination, only one hand can finish the keyboard action, which will be convenient for some jobs, such as drawing , layout, etc.

Example: one tools for CAD layout

Method 1: the Type of Combination Key (1~2 char + Shift/Ctrl/Alt/Win)

Key Type, Combination Key, supports combination key by single key. For example, one click output Ctrl+C, shift+9+0, etc.. Output 1~2 char + Ctrl/Alt/Shift/Win. All key location supports this feature.

ł	Key Configuration			 X			
	Key37 (row 3, col 7)						
	Кеу Туре		Key Code	HID Code			
	3 Combination Key 💌	Value 1	C	<-> 6			
		Value 2		<->			
	Combination Ctr] Ctr] Alt Shift Window			<->			
1	🗖 Left 🦳 Middle 🥅 Right		Keyboard				
Help Type 3 Combination Key: Single key replace key conbination. for example, copy = Ctrl+C, paste = Ctrl+v. Please select the control key from radio boxes, and input key code into value box. Cancel							

Check the function keys, include ctrl/alt/shift/window.

Input the key code at Value1, Value2 by Screen keyboard.

Method 2: the Type of Burst key (1~3 char)

One click output 1^3 chars. For example, one click output '[' +']', abc , 123, etc. All key location supports this feature.

Kev27 (row 2, col 7)							
Key Type		Key Code	HID Code				
4 Burst Key 💌	Value 1	a	<-> ₄				
	Value 2	b	<-> 5				
	Value 3	c	<-> 6				
🔲 Left 🛛 Middle 🗖 Right		Keyboard					
Help Type 4 Burst Key: Single click output several key codes at once. - for example, config Key81 as burst key mode, config three key code 1/2/3, signle click will output 1,2,3, total 3 characteres. - support two or three code burst. Tips: for word application, output one pair []. Gaming application, one click with 3 skills.							

Example: Click key27 will output abc, total 3 chars.

Method 3: Two-Key-Burst (1~6 char)

Two-Key-Burst is one multiple shift function. Pressing two keys, the keypad will report one combination key or one char to PC, max 6 char, or 5 char + shift/ctrl/alt/win. There's two ways to trigger the definition. One way is two normal key trigger it, another way is that define one burst key to trigger it.

Please refer chapter" 3.3.2 Two-Key-Click feature. ".

Method 4: Delay-Macro (1~31 char)

Thumbkeyboard supports total 8 Delay-Macro Scripts, named M1/M2/M3/M4 and M5/M6/M7/M8. Split keyboard supports 4 Delay-Macro Scripts. Every Delay-Macro supports 32 key-actions, which means one macro can output 31 chars(END command is the last action).

Please refer the chapter" 3.4 Programmable Delay-Macro (Gaming Feature)".

Product List

Series Name	Keys	PIC
SMKD92 Gamepad	43	
SMKD82 Leftpad (Tools pad)	44	
	48 (Type A)	
SMKD72 Numpad	46 (Type B)	
	44 (Type C)	
SMKD62 Split-Keyboard	89	