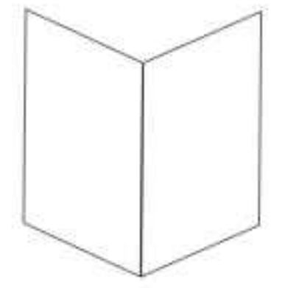
SIZE:100X100MM　材质：80克书写纸



封面

封底

K600E-B87W Wireless
MECHANICAL KEYBOARD

使用说明书
保修卡
合格证
USER MANUAL
QUALIFICATION CERTIFICATE

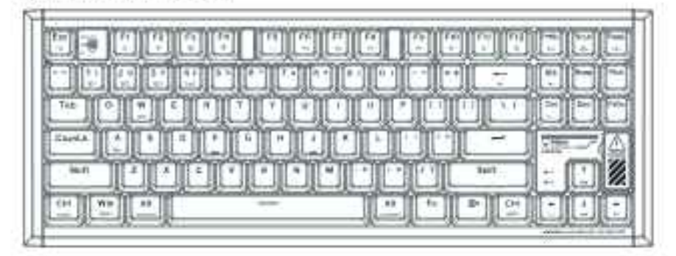
使用本产品前请仔细阅读指导手册，妥善保存以备参考。
Please read the instructions carefully before using this product and keep it well for reference.

MACHENIKE

合格证
QUALIFIED CERTIFICATE

检验
MACHENIKE CERTIFIED

OVERVIEW 产品外观



SPECIFICATIONS 规格参数

PRODUCT MODEL/产品型号	K600E-B87W Tri-mode/K600E-B87W 三模
CONNECTIVITY/连接方式	2.4G+Bluetooth+Wired/2.4G+蓝牙+有线
KEYS AMOUNT/按键数量	87 Keys/87键
MULTI-MEDIA KEYS/多媒体键	12 Keys/12键
ANTI-GHOSTING/无冲模式	N-key Rollover/全键无冲
DIMENSION/尺寸	354.5x130.3x39.5 mm
BATTERY/电池	4000mAh
CABLE/线长	1.5m
执行标准	GB/T 14081-2010

多媒体键

组合键	功能	组合键	功能
FN+F1	屏幕亮度减	FN+F7	上一首
FN+F2	屏幕亮度加	FN+F8	播放/暂停
FN+F3	邮件	FN+F9	下一首
FN+F4	计算器	FN+F10	静音
FN+F5	我的电脑	FN+F11	音量-
FN+F6	媒体播放器	FN+F12	音量+

MULTI-MEDIA KEYS

Combination Keys	Function	Combination Keys	Function
FN+F1	Decrease Screen Brightness	FN+F7	Previous track
FN+F2	Increase Screen Brightness	FN+F8	Play/Pause
FN+F3	Email	FN+F9	Next Track
FN+F4	Calculator	FN+F10	Mute
FN+F5	My Computer	FN+F11	Volume Down
FN+F6	Media Player	FN+F12	Volume Up

EN Usage Instructions

I. Wired Connection

Switch to the wired mode, and connect the USB cable to the computer.

II. Wireless Connection

1. Bluetooth Mode Pairing: Pairing Names: K600E-B87W 3.0, K600E-B87W 5.0.
Switch to the wireless mode, press and hold FN+[1!]/[2@]/[3#] keys for 3 seconds to enter the Bluetooth pairing mode for the corresponding channel. The M indicator light will flash in blue/cyan/pink, indicating entering the pairing mode. After successful pairing, the indicator light will stay on.

2. 2.4G Mode Pairing:
Switch to the wireless mode, press and hold FN+[4$] key for 3 seconds to enter the 2.4G pairing mode. The M indicator light will flash in yellow. Then connect the receiver to the computer. After successful pairing, the M indicator light will stay yellow.

III. Mode Selection

In Bluetooth mode, press FN+[1!]/[2@]/[3#] to switch to BT1/BT2/BT3 mode.

IV. Backlight Effects

FN+Ins: Cycle through backlight in 18 kinds of effects.

FN+Del: Switch backlight colors between red, green, blue, yellow, pink, cyan, white, and RGB.
FN+ keys "↑" or "↓": Adjust backlight brightness in 5 levels. When adjusted to the minimum or maximum level, indicator light A will blink 3 times.
FN+ keys "←" or "→": Adjust backlight flow speed in 5 levels. When adjusted to the minimum or maximum level, indicator light A will blink 3 times.

V. Strip Light Effects

FN+Pause: Cycle through strip light effects - flow, neon, constant, breathing, off.
FN+Scrlk: Adjust strip light speed.
FN+PrtSc: Switch strip light colors (breathing, constant).

VI. Light Recording

1. Press FN+Backspace to enter custom light mode, then press again to enter recording mode.
2. The CAP indicator light will flash continuously. (turn off when recording ends)
3. Continuously press the same key to the desired color, then continue setting other keys.
4. After setting is completed, press FN+Backspace to store.(FN key cannot customize lights)

VII. System Switching

Press FN+W to switch to WIN system, CAP indicator light blinks 3 times. Press FN+A to switch to MAC, CAP indicator light blinks 3 times.

VIII. Low Battery/Power/Charging Indication

When the battery voltage is below 3.3V, the backlight turns off, and the strip light flashes red slowly during key inputting.
When the battery voltage is equal to or below 3.0V, keyboard functions are disabled, and the strip light flashes red slowly during key inputting.
Connect the Type-C cable to a computer or charging adapter, the keyboard will be in charging status, and the strip light will breathe white continuously. When fully charged, the white light goes off and restores the current lighting effect.

IX. Power Saving Mode

The backlight turns off and enters standby mode after 1 minute of inactivity. The keyboard enters sleep mode after 30 minutes of inactivity.

X. WIN Key Lock

FN+WIN key can lock/unlock WIN and APP key's function, press again to unlock.

XI. Reset

Press and hold FN+ESC for 3 seconds to restore factory settings and clear all macro settings.

Product List:
Manual*1, Warranty Card*1, QC Certificate*1, Cable*1, Keycap Puller*1, Switch Puller*1, Extra Switches*2

CN 使用说明

一、有线连接

将拨动开关拨至有线档，USB线连接电脑后即为有线模式

二、无线连接

1、蓝牙模式配对：配对名：K600E-B87W 3.0、K600E-B87W 5.0
开关拨动到无线档，FN+[1!]/[2@]/[3#]键长按3秒进入蓝牙的相应通道配对模式，M指示灯相应的蓝色/青色/粉红色会闪亮，提示进入配对状态，配对成功后指示灯常亮

2、2.4G模式配对：
开关拨动到无线档，FN+[4$]键长按3秒进入2.4G对码模式，M指示灯黄色闪亮，然后再将接收器连接到电脑，对码成功后M指示灯黄色常亮

三、模式状态选择

蓝牙状态下，短按 FN+[1!]/[2@]/[3#]分别切换键盘的BT1/BT2/BT3状态

四、背光灯效

FN+Ins：循环切换灯效，支持18种灯效切换
FN+Del：切换背光颜色，支持红、绿、蓝、黄、粉、青、白、RGB切换

FN+方向键"↑"或"↓"：调节背光亮度，调至极限档位时，指示灯A闪烁3次，5级可调
FN+方向键"←"或"→"：调节背光流光速度，调至极限档位时，指示灯A灯闪烁3次，5级可调

五、灯带光效调节

FN+Pause循环切换灯带灯效流光、霓虹、常亮、呼吸、灭
FN+Scrlk切换灯带速度
FN+PrtSc切换灯带颜色(呼吸、常亮有效)

六、灯光录制

按FN+退格键(BACKSPACE)进入灯光自定义模式，再按一次FN+退格键进入录制状态，CAP指示灯持续闪烁（录制结束熄灭），连续按同一按键至指定颜色，再继续设置其他按键，组成所需要的背光图形，完成设定后，再按FN+退格键进行存储即可，播放灯光宏时，按FN+退格键，已定义按键灯会常亮指示(FN键不能自定义灯光)

七、系统切换

默认WIN系统，按FN+W键按一下切换到WIN系统，CAP指示灯闪烁3下，FN+A切换到MAC，CAP指示灯闪烁3下

八、低电/电量/充电指示

电池电压低于3.3V，关闭灯效，在有按键动作时灯带红灯慢闪；电池电压等于或低于3.0V，键盘功能关闭，在有按键动作时灯带红灯慢闪；如果将TYPE-C USB线连接到电脑或充电适配器，键盘将处于充电状态，充电时灯带白色持续呼吸闪烁，充满时白灯灭并显示当前模式灯的颜色

九、自动省电

键盘未操作1分钟后背光灯熄灭进入待机状态，键盘未操作30分钟键盘进入休眠状态

十、WIN键锁定

FN+WIN键可以锁定WIN及APP键的功能，重复解锁

十一、复位

FN+ESC长按三秒恢复出厂设置并清除所有宏设定

产品清单：
说明书*1、保修卡*1、合格证*1、数据线*1、拔轴器*1、拔键器*1、增补轴体*2

产品中有害物质的名称及含量

部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(vI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
电路板组件	×	○	○	○	○	○
外壳及附件	○	○	○	○	○	○

本表格依据SJ/T 11364-2014的规定编制。
O:表示该有害物质在该部件所有均质材料中的含量在GB/T 26572-2011规定的限量要求以下。
x:表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572-2011规定的限量要求。
表中标记"x"的部件皆因受于技术发展水平限制而无法实现有害物质替代印刷电路板组件:包括印刷电路板及其零部件,电子元器件等根据产品型号不同:您所购买的产品可能不会含有以上所有部件。

标志内的数字代表在正常的使用状态下的产品的环保使用期限。

《废弃电器电子产品回收处理管理条例》
机械师倡导环保和低碳的消费体验,建议拥有该产品的用户在不需要此产品时,应遵守国家废弃电器电子产品回收处理相关法律法规将其交给当地具有国家认可的回收处理资质的厂商进行回收处理,降低资源浪费,保护地球自然环境。

产品性能故障表

- 键盘按键无反应:1.检查连接方式和连接线是否正确;2.蓝牙连接状态下，请检查键盘电量和电脑是否有连接上
- 遇到不能解决的问题,请不要自行拆卸,应立即联系客服处理。

警告:
1、严禁拆卸、挤压、加热或燃烧电池
2、严禁用尖锐物、螺丝刀等触碰、刺穿电池*以上操作可能会引起电池起火或燃烧

产品性能故障表

送修日期	性能故障描述

备注:
1、请妥善保管此卡，保修时需出示此卡及购买凭证。
2、产品自购买之日起，凭购买凭证整机免费保修1年。
3、下列情况不属于免费服务范围，但可实行收费维修、终身服务。
1）不能出示保修说明及发票;
2）发票涂改;
3）意外因素或使用不当造成损坏;
4）未经我司许可，自行修理造成的损坏;
5）超过三包有效期，经修复仍可继续使用

MACHENIKE产品保修承诺

1、在用户按本技术使用说明书正确使用该产品的前提下，本产品自购买之日起一年内免费保修；保修服务方式为返厂维修，报修方式请扫产品包装盒上售后二维码进行报修。
2、我方因下列使用者个人的原因而造成的故障将不提供免费保修服务。
如：
(1) 擅自拆装、改装该产品而造成的故障;
(2) 在使用、搬运的过程中不慎摔打、跌落、进液、供电规格不符而造成的故障;
(3) 因缺乏合理的保养而造成的故障;
(4) 没有按使用说明书正确指示进行操作;
(5) 第三方产品、服务或行为导致的故障或损坏等等。
3、在要求提供免费保修服务时，您必须提供清晰、完整和准确的销售发票和保修卡，购买产品时，可要求销售商提供上述上述销售发票和保修卡。
4、保修范围外的维修服务，将按规定收费。

保修卡

尊敬的用户：
感谢您选购本公司产品，我公司将按照《中华人民共和国消费者权益保护法》和国家技术监督局、国家工商行政管理局、财政部关于《部分商品修理更换退货责任规定》的有关规定，为您提供保修服务，请认真填写此卡并妥善保管，以便日后凭此卡保修。

客户姓名：________ 电子邮件：________
联系电话：________ 邮政编码：________
通信地址：________
产品名称：________ 产品型号：________
购机日期：________
购机渠道：________
机身编号：________

This device complies with part 15 of the FCC Rules. Operation is subject to thefollowing two conditions: (l) This device may not cause harmful interference, and (2)this device must accept any interference received, including interference that may causeundesired operation.

Any Changes or modifications not expressly approved by the party responsible forcompliance 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 Bdigital device, pursuant to part 15 of the FCC Rules. These limits are designed toprovide reasonable protection against harmful interference in a residential installation.This equipment generates uses and can radiate radio frequency energy and, if notinstalled and used in accordance with the instructions, may cause harmful interferenceto radio communications. However, there is no guarantee that interference will notoccur in a particular installation. If this equipment does cause harmful interference toradio or television reception, which can be determined by turning the equipment off andon, the user is encouraged to try to correct the interference by one or more of thefollowing 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 thereceiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

RF waring for Portable device: The device has been evaluated to meet general RF exposure requirement, The device can be used in portable exposure condition without restriction.