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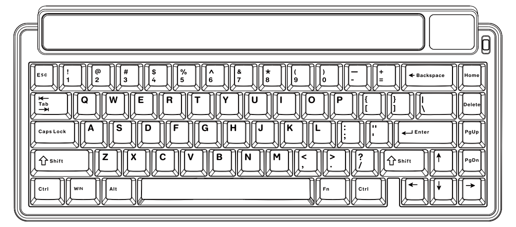
AMG65 USER MANUAL



产品手册
中文
User Manual
English

AMG65 客制化机械键盘
RGB版
AMG65 Custom Mechanical Keyboard
RGB Version

产品特点

- 时尚的外观设计，带RGB点阵屏，Gasket结构，手感细腻软弹。
- 键帽和机械开关可插拔，用户也可以购买市面上各品牌开关和个性化键帽自由DIY。
- 键盘用料扎实，按键反应灵敏。
- 内置8000mAh大容量锂电池可循环充电，环保节能，有效延长续航时间。
- 键盘带点阵屏（可拆卸），内置灯效动画，也可配合驱动调节各种动画(如显示时间和电脑CPU温度及占用率）。
- 键盘右上角带1.14英寸TFT显示屏，功能多样，可配合驱动DIY。FN+←或FN+→调节菜单，FN+ENTER是确定并返回上一级菜单。
- 键盘TFT屏幕带时间显示和日历显示。出厂或平时使用关了底部电源开关，需打开电源开关并用驱动校准时间和日历。
- 键盘TFT屏幕带电量显示，充电与剩余电量一目了然。
- 键盘右上角模式开关从上往下：蓝牙模式/有线模式/2.4G模式。
- 配合驱动带音乐律动RGB灯效可配合点阵屏使用。
- 有线模式和2.4G配合驱动各键带自定义功能，宏定义。驱动可自定义1600多万种颜色。
- 键盘人性化设计，与Fn配合增加一系列常用快捷功能按键。
- 键盘回报率：有线模式1000Hz，2.4G模式1000Hz，蓝牙模式125Hz。
- USB-C连接性更可靠，性能更稳定。

产品规格

- 键位：67键
- 产品尺寸：325.18×143.38×44.28±0.1mm
- 产品重量：约1020±10g(不含线材/接收器)
- 额定电压/电流：DC3.7V ⎓ 200mA
- 充电电压/电流：DC 5V/≤1200mA，充电约12小时
- 续航时间：约40小时（默认灯效）/约106小时（关所有灯光）

标准版快捷键说明

FN+	Q	E	R	T	←	→	Enter
组合功能	2.4G对码	蓝牙设备1#	蓝牙设备2#	蓝牙设备3#	屏幕菜单左选	屏幕菜单右选	菜单确认及返回
FN+	左 Ctrl	左 WIN	U	I	O	Del	Home
组合功能	数字与F区切换	锁WIN	Prtsc	Scrlk	Pause	Ins	End
FN+	Space	Back	右 Shift	[{	]}	,<	.>
组合功能	恢复出厂设置	开关TFT	点阵屏模式	点阵屏速度-	点阵屏速度+	点阵屏亮度-	点阵屏亮度+
FN+	A	S	D	F	G	H	|
组合功能	播放/暂停	上一曲	下一曲	音量-	音量+	静音	所有灯光测试模式（长按）
FN+	ESC	Shift+ESC	PGUP	PGDN	左Alt+Home		
组合功能	`	~	Home	End	TFT屏菜单确认与返回		

1. 默认左CTRL白灯灭，F区功能与数字互换功能。

键位	1	2	3	4	5	6	7	8	9	0	—_	=+
单按	1	2	3	4	5	6	7	8	9	0	—_	=+
FN组合	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12

1. 按FN+左CTRL，左CTRL白灯亮，F区功能与数字互换功能。

键位	1	2	3	4	5	6	7	8	9	0	—_	=+
单按	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12
FN组合	1	2	3	4	5	6	7	8	9	0	—_	=+

功能说明

- 右上角开关拨到下边=2.4G模式 FN+Q显示"2.4G回连中"，长按FN+Q 5S屏幕显示"2.4G配对中"，插入接收器屏幕显示"2.4G配对成功"，对码成功。注意：2.4G连接时先搜索再插接收器。出厂默认已对码。TFT屏幕主菜单上对应图标也会高亮显示。
- 右上角模式开关拨到上边=蓝牙模式BLE5.1，可以连接3个设备：
  (FN+E)=蓝牙1（设备名"LEOBOG AMG65-1"） 单按(FN+E)显示"BT1回连中" 长按(FN+E)显示"BT1配对中" 连接成功屏幕显示"BT1配对成功"TFT屏幕主菜单上对应图标也会高亮显示。
  (FN+R)=蓝牙2（设备名"LEOBOG AMG65-2"） 单按(FN+R)显示"BT2回连中" 长按(FN+R)5S屏幕显示"BT2配对中" 连接成功屏幕显示"BT2配对成功"TFT屏幕主菜单上对应图标也会高亮显示。
  (FN+T)=蓝牙3（设备名"LEOBOG AMG65-3"） 单按(FN+T)显示"BT3回连中" 长按(FN+T)5S屏幕显示"BT3配对中" 连接成功屏幕显示"BT3配对成功"TFT屏幕主菜单上对应图标也会高亮显示。
- FN+WIN键（TFT屏指示）=锁WIN。
- FN+左Ctrl（左Ctrl亮白灯）=（数字1~0）和（-）（=）变为（F1~F12）。
- FN+←或→方向键在TFT屏幕切换到"灯光效果"模式切换19种RGB灯效和关闭共20种灯效：随波逐流（默认）、峰回路转、一触即发、一石二鸟、涟漪扩散、川流不息、重峦叠嶂、斜风细雨、来回穿梭、静态恒亮、单点亮、单熄灭、繁星点点、漫天飞雪、百花争艳、动态呼吸、光谱循环、彩泉涌动、多彩纵横、关闭。
- FN+BACK=关闭/开启TFT屏。
- FN+←或→方向键在TFT屏幕切换到"灯光颜色"模式切换RGB、红、橙、黄、绿、青、蓝、紫、白。
- FN+←或→方向键在TFT屏幕切换到"灯光亮度"模式切换5档亮度，每档20%。 FN+→灯光亮度+，FN+←亮度-。
- FN+←或→方向键在TFT屏幕切换到"灯光速率"模式切换5档速率，每档20%。FN+→灯光速度+，FN+←灯光速度-。
- FN+←或→方向键在TFT屏幕切换到"音量调节"模式FN+→调大音量，FN+←调小音量，对应音量大小图标闪动。
- FN+←或→方向键在TFT滚动到"语言选择"可以选择"中文"或"英文"两种语言。
- FN+←或→方向键在TFT滚动到"系统切换"可以选择"WIN"、"MAC"、"IOS"、"Andr"共四个系统。
- FN+←或→方向键在TFT滚动到自定义图片，用驱动可以自定义图片。
- 矩阵屏互换件：FN+右Shift=调节8个点阵屏动画，FN+(,<)=点阵屏亮度-，FN+（.>）=点阵屏亮度+。FN+[{=点阵屏速度-，FN+]}=点阵屏速度+。6个内置动画。驱动可以自定义动画保存到第7个动画，默认"绚丽时空"动画。驱动第8个动画可以显示电脑状态的实时动画，在退出驱动后替换为"群星闪耀"动画。拾音灯与千层镜互换件：FN+J切换颜色，FN+K切换模式，FN+L关闭/打开拾音灯或千层镜灯。恢复默认后回到6个内置动画的第一个动画"Amazing"。
- FN+A=播放/暂停,FN+S=上一曲,FN+D=下一曲,FN+F=音量-,FN+G=音量+,FN+H=静音。
- Fn+Space长按三秒= 恢复默认并显示开机画面（点阵屏第7，第8个动画需驱动恢复默认）。原来连接的蓝牙设备保存不会清除。

HOME与滚轮互换

键位	HOME	逆时针旋转	顺时针旋转	HOME颜色闪灯3次指示	备注
FN+左ALT+HOME切换	HOME	音量减小	音量增加	绿	默认
	TFT屏幕菜单确定与返回(同FN+Enter功能)	左选TFT菜单	右选TFT菜单	红	

安装使用说明

电脑系统需求:
- 有线/2.4G模式：Windows ALL操作系统WIN XP, WIN7, WIN8, WIN10 (在Win95，Win98系统下，可能需要驱动程序)。
- 有线模式/2.4G接收器：配置有USB 1.1或以上版本端口。
- 蓝牙模式：WIN8,WIN10及以上系统。
- 蓝牙模式：带有蓝牙BLE4.0,BLE5.0及以上硬件的MAC电脑，Android手机或平板，IOS手机或平板。

硬件连接
- 有线USB/2.4G接收器支持热插拔（即插即用）。
- 蓝牙模式切换到对应通道，对码连接蓝牙终端设备即可使用。

*实际续航时间会因环境和使用习惯不同而改变，以实际使用续航为准

充电说明
1、建议仅使用电脑USB接口对键盘进行充电；
2、请勿使用快充手机充电器对键盘充电；
3、请勿使用劣质非标电源适配器对键盘进行充电；
4、请勿使用过压过流电源适配器对键盘进行充电；
5、充电时请远离高温设备；
6、充电时指示灯亮，充满电后指示灯熄灭；
7、长时间不使用时请关闭电源开关。
以上充电说明同样适用于其他带充电功能设备(键盘/鼠标/耳机/音箱等)

- 注：
产品、技术在不断生产过程中持续优化，说明书可能未及时与产品保持同步更新，敬请谅解。

保修事项说明

尊敬的用户：
感谢您购买 LEOBOG（莱奥伯格）系列产品！本质保卡是 LEOBOG（莱奥伯格）产品的三包凭证，由用户自己保存。
凭此质保卡您将享受为您提供的产品售后服务，此质保卡每个产品一份，遗失不补，敬请妥善保管。

一、凭此卡您将享受以下权利及服务：
1、退货服务：自产品售出之日起七日内，产品出现质量问题，根据国家＂三包服务＂规定，在产品外观与包装完整的情况下，将产品退还给销售商或莱奥伯格指定地点，凭购买时的有效凭证，退回您支付的产品货款。
2、保修服务：自购买日起 12 月内出现产品性能故障情况经由莱奥伯格售后服务中心检测确定，可免费享受维修服务。

二、以下情况不属于免费服务范围：
1、超出规定的质保期限；
2、不能出示产品有效质保凭证或产品原序列号标签有涂改、替换、撕毁等现象的；
3、产品上没有序列号或质保凭证上的产品型号与产品实物不符的；
4、非正常使用、维护、保管所导致的故障和损坏；
5、非我公司授权的维修人员对产品维修、更改或拆卸而造成的故障或损坏；
6、意外事故或其他不可抗力造成的故障或损坏；
7、销售人员承诺的产品之外的服务及附加的配件或赠品不在本保修服务范围之列；
8、因电源、电压不稳而导致的故障或损坏。

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Made in China

莱奥伯格
不拘一格

用户保修卡

销售记录：

用户信息	用户(姓名/单位)			
	电话/E-mail			
	通讯地址及邮编			
销售信息	销售单位			
	销售单位地址			
	联系电话		邮政编码	
	产品型号			
	销售商印章		销售日期	

维修记录：

维修日期	维修单位	电话	地址

产品合格证
经检验该产品符合技术标准，准予出厂。

leobog 合格证 QC 06

Product Features

- Stylish design, with RGB dot matrix screen, Gasket structure, feel delicate soft.
- Key cap and mechanical switch can be inserted and dialed, users can also buy the market brand switch and personalized key cap free DIY.
- Keyboard material solid, key responsive.
- Built-in 8000mAh large-capacity lithium battery can be recharged, environmental protection and energy saving, effectively extend the battery life.
- Keyboard with dot-matrix screen (detachable), built-in light animation, can also be adjusted with the driver of various animations (such as display time and computer CPU temperature and occupancy).
- The upper right corner of the keyboard has a 1.14-inch TFT display, which has various functions and can be used to drive DIY. FN+← or FN+→ Adjust menu, FN+ENTER is to confirm and return the previous level menu.
- Keyboard TFT screen with time display and calendar display. If you turn off the power switch at the bottom before delivery or normal use, turn on the power switch calibrate the time and calendar with the driver.
- Keyboard TFT screen with power display, charging and remaining power at a glance.
- The mode switch in the upper right corner of the keyboard is from the top down: Bluetooth mode/Wired mode /2.4G mode.
- Matching drive with music rhythm RGB light effect can be used with dot matrix screen.
- Wired mode and 2.4G cooperate to drive each key with custom functions, macro definition. The drive can be customized in more than 16 million colors.
- Keyboard humanized design, with Fn to add a series of commonly used shortcut function keys.
- Keyboard return rate: Wired mode 1000Hz, 2.4G mode 1000Hz, Bluetooth mode 125Hz.
- USB-C connectivity is more reliable and performance is more stable.

Product Specification

- Key: 67 keys
- Product size: 325.18×143.38×44.28±0.1mm
- Product weight: about 1020±10g(excluding wire/receiver)
- Rated voltage/current: DC3.7V ⎓ 200mA
- Charging voltage/current: DC 5V/≤1200mA, charging about 12 hours
- Battery life: about 40 hours (default light effect)/about 106 hours (all lights off)

Standard Shortcut Description

FN+	Q	E	R	T	←	→	Enter
Function	2.4G alignment	Bluetooth 1#	Bluetooth 2#	Bluetooth 2#	Screen menu choose left	Screen menu choose right	Menu confirmation and return
FN+	Ctrl-L	WIN-L	U	I	O	Del	Home
Function	Number and F zone switch	Lock WIN	Prtsc	Scrlk	Pause	Ins	End
FN+	Space	Back	Shift-R	[{	]}	—_	=+
Function	Factory data reset	Switch main backlight	Top light mode	Top light speed -	Top light speed +	Top light +	Top light -
FN+	A	S	D	F	G	H	|
Function	Play/pause	Previous	Next	Volume -	Volume +	Mute	All light test modes (long press)
FN+	ESC	Shift+ESC	PGUP	PGDN	Left-Alt+Home		
Function	`	~	Home	End	TFT screen menu confirmation and return		

1. By default, the left CTRL white indicator is off, and the function of the F area is interchangeable with the number.

KEY	1	2	3	4	5	6	7	8	9	0	—_	=+
Single pressing	1	2	3	4	5	6	7	8	9	0	—_	=+
Function	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12

2. Press FN+ Left CTRL. The left CTRL white lights up.

KEY	1	2	3	4	5	6	7	8	9	0	—_	=+
Single pressing	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12
Function	1	2	3	4	5	6	7	8	9	0	—_	=+

Function Description

- Turn the switch in the upper right corner to the bottom =2.4G mode FN+Q displays 2.4G hookback. Hold down FN+Q 5S to display 2.4G pairing ", insert the receiver screen shows "2.4G pairing successful", the code is successful. Note: 2.4G connection first search and plug the receiver. The factory default code has been matched. The corresponding icon is also highlighted on the main menu of the TFT screen.
- Upper-right mode switch to the top = Bluetooth mode BLE5.1, you can connect 3 devices:
  (FN+E)= Bluetooth 1 (device name: LEOBOG AMG65-1) Press (FN+E) to display BT1 Connecting back. Hold down (FN+E) to display BT1 pairing successfully. On the screen, the corresponding icon on the main menu of the TFT screen is also highlighted.
  (FN+R)= Bluetooth 2 (device name: LEOBOG AMG65-2) Single press (FN+R) displays BT2 Connecting back and long press (FN+R) displays BT2 pairing successfully displays BT2 Pairing successfully on the 5S screen The corresponding icon on the main menu of the TFT screen is also highlighted.
  (FN+T)= Bluetooth 3 (device name: LEOBOG AMG65-3) Single press (FN+T) displays BT3 Connecting back and long press (FN+T) displays BT3 pairing successfully displays BT3 Pairing Successfully on the 5S screen The corresponding icon on the main menu of the TFT screen is also highlighted.
- FN+WIN key (TFT screen indicator) = lock WIN.
- FN+ left Ctrl (white on left Ctrl) = (digits 1~0) and (-) (=) become (F1~F12).
- FN+← or → Arrow keys Switch to "Light Effects" mode on the TFT screen to switch 19 RGB light effects and turn off a total of 20 light effects: Drift (default), peak turn, trigger, two birds with one stone, ripple spread, endless flow, mountains, wind and rain, shuttle back and forth, static constant bright, single light, single out, stars, all over the sky snow, flowers blooming, dynamic breathing, spectrum cycle, color springs surging, colorful, closed.
- FN+BACK= Turn main backlight off/on.
- FN+← or → Arrow key Switch to the "Light Color" mode on the TFT screen to switch RGB, red, orange, yellow, green, Cyan, blue, purple, and white.
- FN+← or → Arrow key Switch to the "Light Brightness" mode on the TFT screen to switch the brightness of 5 levels, each level 20%. FN+→ Light brightness +, FN+← Brightness -.
- FN+← or → Arrow keys Switch to the "Light Rate" mode on the TFT screen to switch 5 speeds, 20% each. FN+→ Light speed +, FN+← Light speed -.
- FN+← or → Arrow key Switch to the Volume Adjustment mode on the TFT screen. FN+→ Turn up the volume, FN+← turn down the volume, and the icon corresponding to the volume will flash.
- FN+← or → Arrow keys Scroll to Language Selection on the TFT to select Chinese or English.
- FN+← or → Arrow key Scroll to System Switch on the TFT to select WIN, MAC, IOS, and Andr.
- FN+← or → arrow key in the TFT scroll to the custom picture, with the driver can customize the picture.
- Matrix screen interchangers: FN+ right Shift= Adjust 8 dot matrix screen animations, FN+(,<)= Dot matrix screen brightness -, FN+(.>)= Dot matrix screen brightness +. FN+[{= lattice screen speed -, FN+]}= lattice screen speed +. 6 built-in animations. The driver can customize the animation to save to the 7th animation, the default "Flash Time" animation. The eighth animation shows a real-time animation of the computer's state, which is replaced with a "Stars Shine" animation after exiting the driver. Pickup light and melaleuca mirror interchangers: FN+J to switch colors, FN+K to switch modes, FN+L to turn off/on the pickup light or melaleuca mirror light. Return to the first animation of the 6 built-in animations "Amazing" after restoring the default.
- FN + A = play/pause, FN + S = A piece, FN + D = the next song, FN + F = volume, FN + G = volume +, FN + H = mute.
- Long press Fn+Space for 3 seconds = restore the default and display the boot screen (the 7th and 8th animations on the dot matrix screen need to be driven to restore the default). The original connected Bluetooth device saved will not be cleared.

HOME is interchangeable with the roller

Key position	HOME	Counterclockwise rotation	Clockwise rotation	Home color flashing light 3 times indication	Remark
FN+ left ALT +Home toggle	HOME	Volume-	Volume+	Green	Acquiesce
	TFT screen menu confirmation and return (same FN +Enter function)	Left select the TFT menu	Right select the TFT menu	Red	

Listallation And Use Instructions

Computer system requirements:
- Wired /2.4G mode: Windows ALL operating system WIN XP, WIN7, WIN8, WIN10 (in Win95, Win98 systems, drivers may be required).
- Wired mode /2.4G receiver: equipped with a USB 1.1 or higher port.
- Bluetooth mode: WIN8,WIN10 and above systems.
- Bluetooth Mode: MAC computers with Bluetooth BLE4.0,BLE5.0 and above hardware, Android phones or tablets, IOS phones or tablets.

Hardware connection:
- The wired USB/2.4G receiver supports hot swap (plug and play).
- Switch the Bluetooth mode to the corresponding channel, and the code can be used by connecting the Bluetooth terminal device.

- Note:
Product, technology in the continuous production process of continuous optimization, specification may not reach theproduction products to keep abreast of the update, please understand.

Warranty Description

Dear Users:
Thank you for buying LEOBOG products! The Intrinsic Warranty Card is a three-pack certificate for LEOBOG products, which is provided by the user saved.
With this warranty card you will enjoy the product after-sales service provided for you, this warranty card each product one, lost not up, please keep properly.

With This Card, You Will Enjoy The Following Rights And Services:
1. Return service: within seven days from the date of product sale, product quality problems, the national "three guarantees of service" provisions, in the case of product appearance and packaging complete, the product will be returned to the seller or LEOBOG designated place, with the valid proof of purchase, refund you paid for the product.
2. Warranty service: within 12 months from the date of purchase, the product performance failure is determined by the LEOBOG after-sales service center, and you can enjoy free maintenance services.

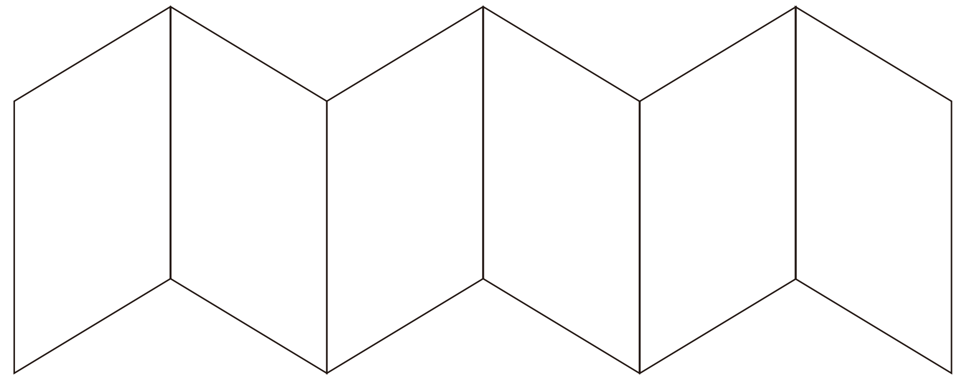
The Following Situations Do Not Belong To The Scope Of Free Services:
1. Beyond the specified warranty period;
2. Can not produce a valid product warranty certificate or the original serial number label of the product has been altered, replaced, torn and other phenomena;
3. There is no serial number on the product or the product model on the warranty certificate is inconsistent with the product;
4. Failure and damage caused by abnormal use, maintenance and storage;
5. Failure or damage caused by maintenance, alteration or disassembly of products by non-authorized maintenance personnel of our company;
6. Failure or damage caused by accidents or other force majeure;
7. Services other than the products promised by the sales staff and additional accessories or gifts are not included in the scope of this warranty service;
8. Failure or damage caused by unstable power supply and voltage.

User Warranty Card

Sales Record:

User Information	User(Name/Unit)			
	Telephone/E-mail			
	Correspondence Address And E-mail			
Sales Information	Sales Unit			
	Sales Unit Address			
	Comtact Number		Postal Code	
	Product Model			
	Saller's Seal		Sales Date	

Maintenance Record:

Maintenance Date	Maintenance Unit	Telephone	Address

说明书
尺寸：80*95mm
材质105克书写纸
印刷颜色：黑色