Angry Miao

AM HATSU 用户使用手册

AM HATSU User Manual

感谢选购
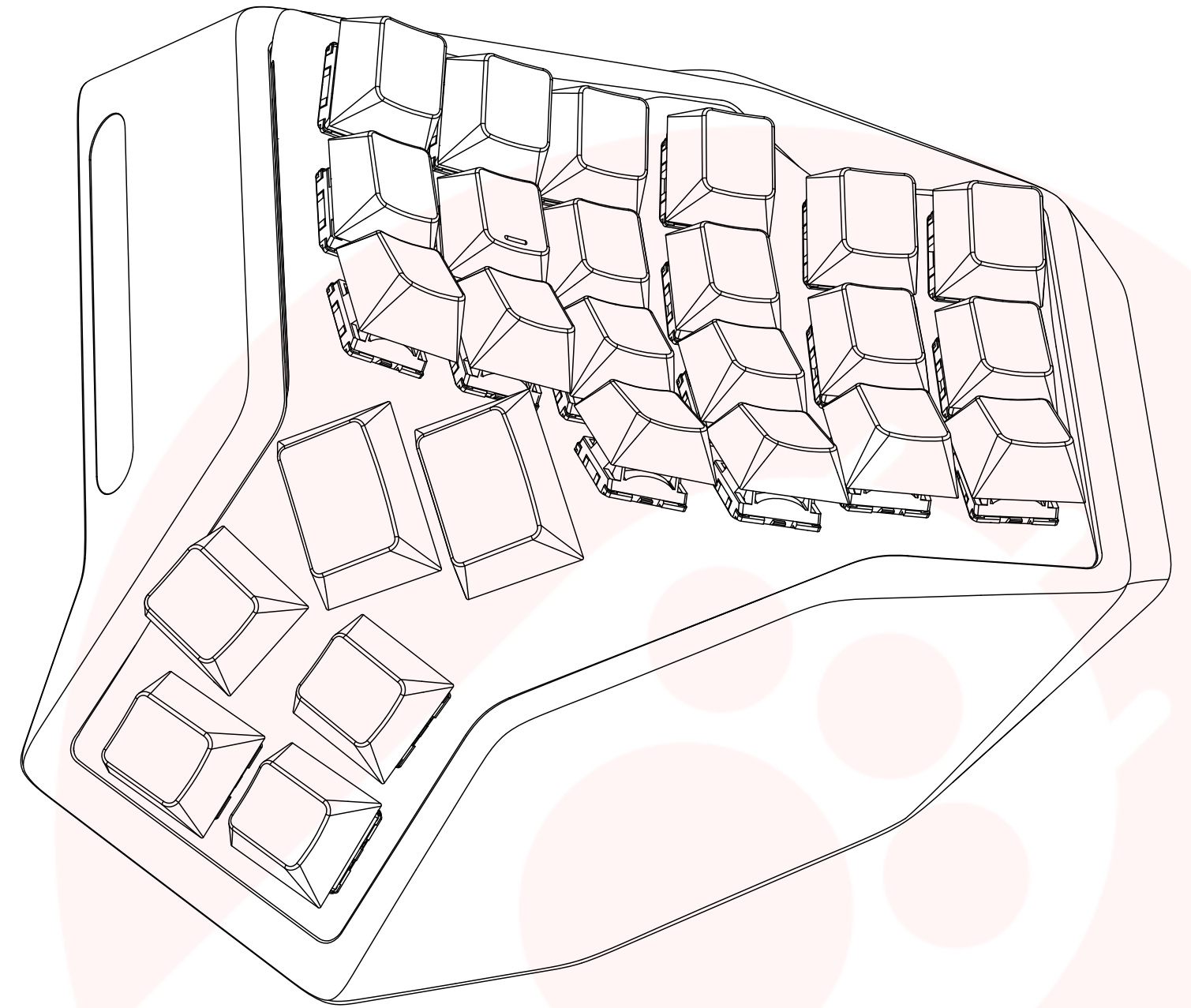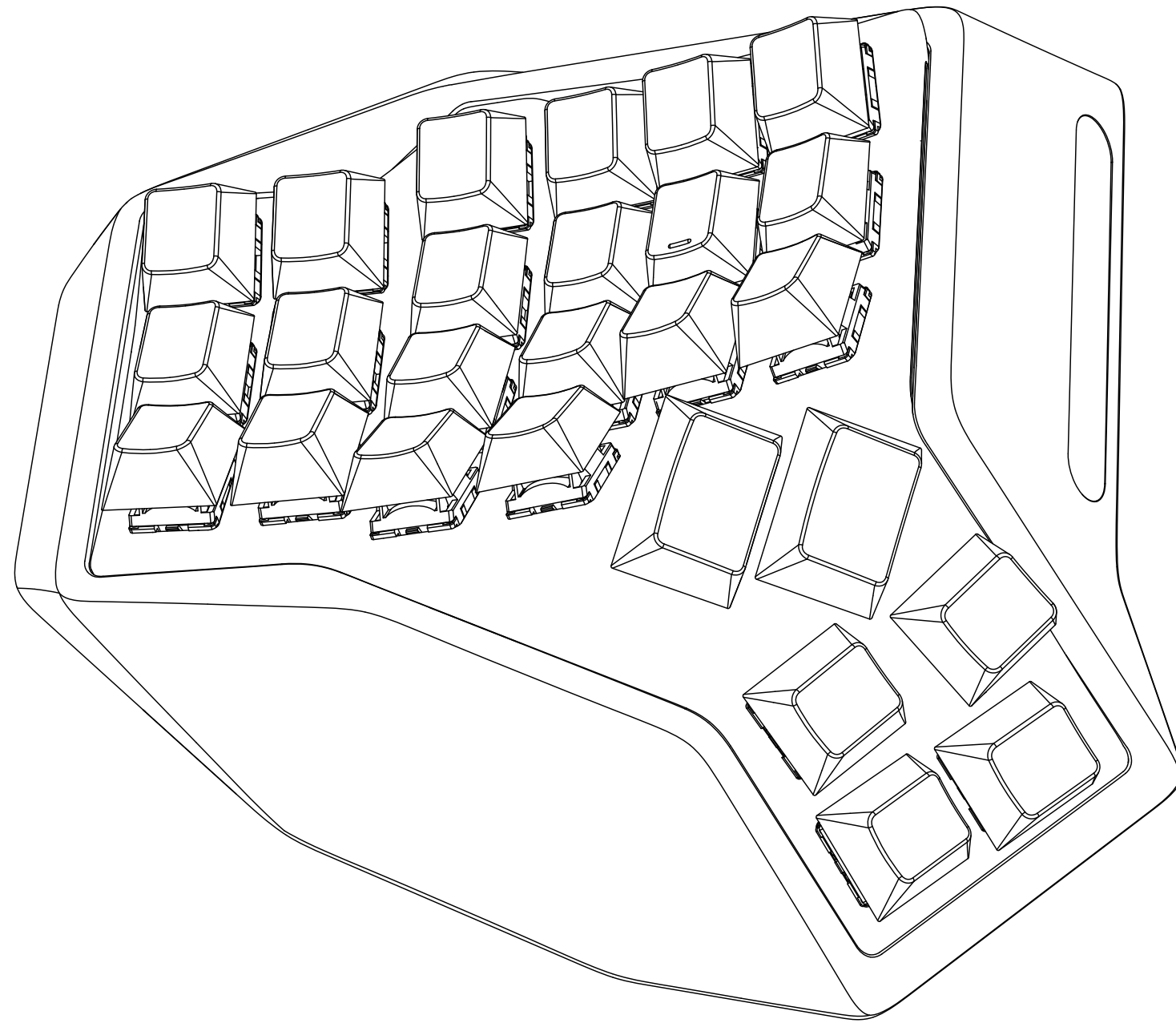Thank you for your purchase

目 录

01 产品说明

产品说明

成品套装

产品说明

产品名称	AM HATSU
产品型号	AM05
CMIIT	2022DP0262
重量	1.54 (±0.1) kg，（L+R，含键帽和轴）
驱动	自驱，全键无冲
键位自定义	仅 Windows PC 端可自定义
轴	冰银轴（线性轴，已焊接）
键帽	怒喵冰川透明键帽（黑透版）Ergo kit
PCB 灯	单色灯（白色）
连接方式	无线蓝牙 5.0；USB 口可供传输数据
USB 接口	USB2.0，TypeC，支持 C2C
电池	锂聚合物 5000mAh（L）+ 5000mAh（R）
无线充电	Qi 协议，充电功率 3W
最大功耗	单台设备 1W

02 快速入门向导

快速入门

1. 将 AM HATSU 从包装中取出；

2. 使用 USB 数据线分别连接左右手设备以激活设备；

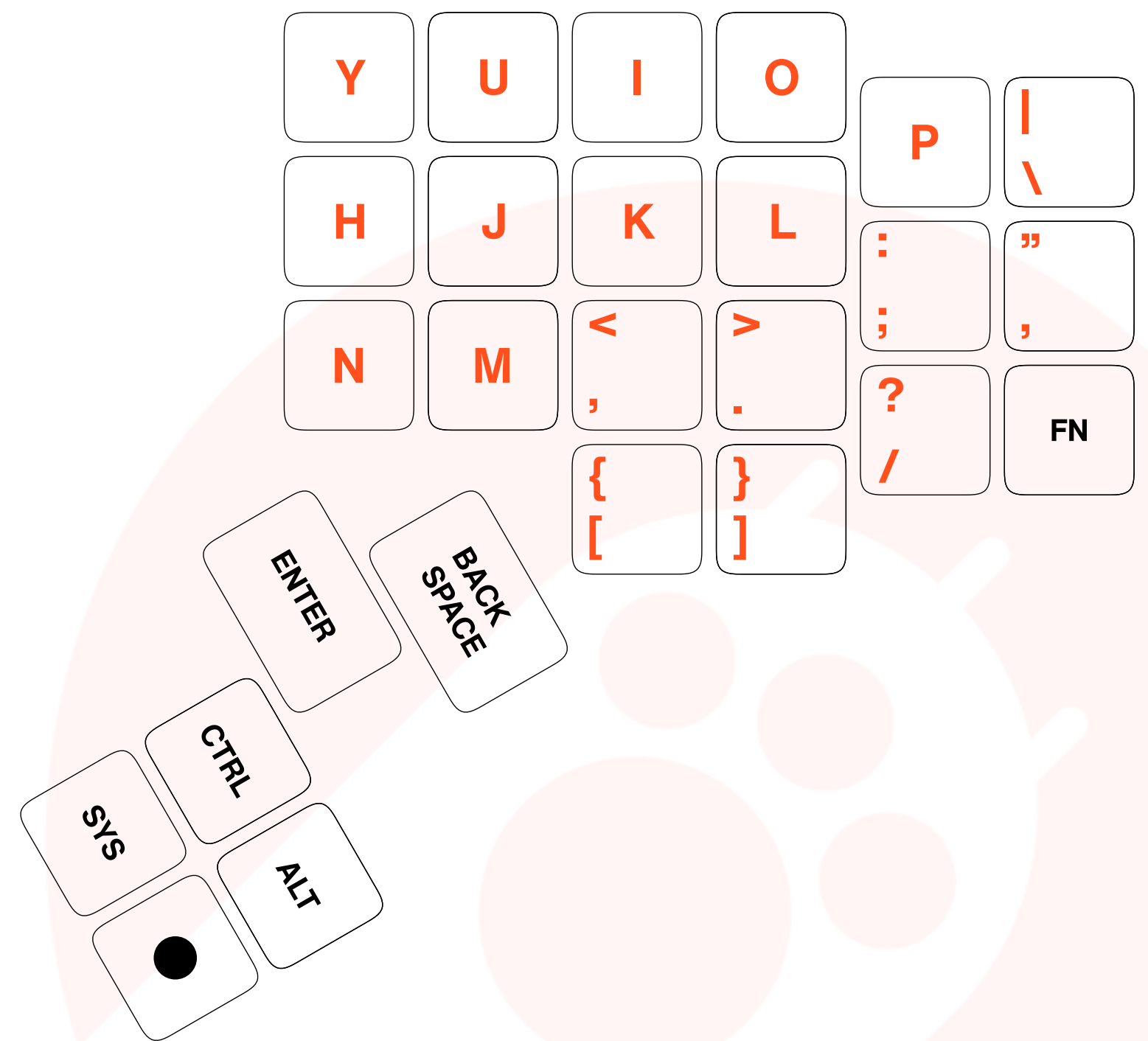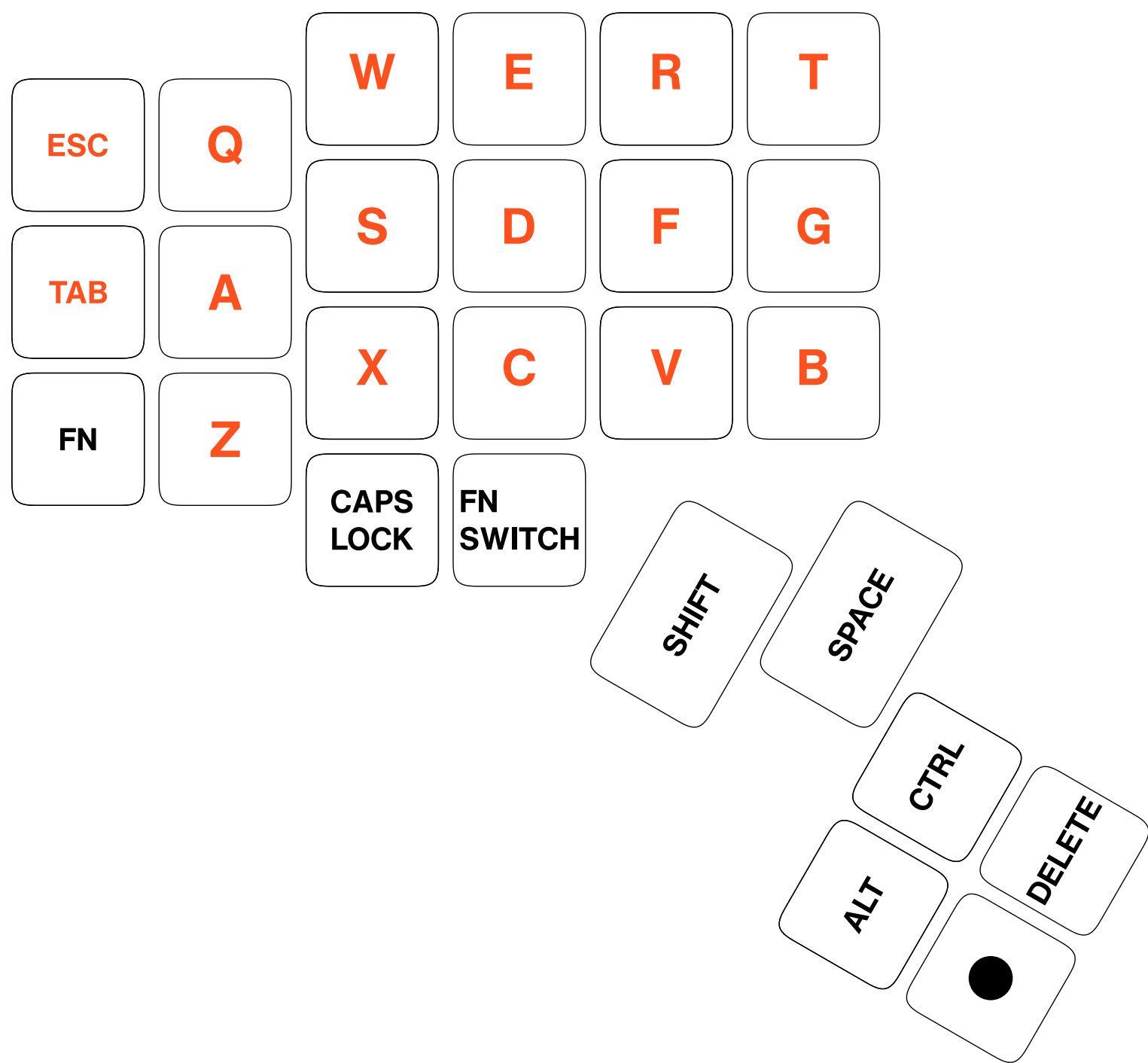3. 长按 ● 键 + TAB/A/S 3 秒，进入蓝牙配对状态；

4. 与目标设备配对后，即可使用。

03 快捷键示意

快捷键

功能	操作	指示
开关机	1. 长按左 ● + ESC 1s，左手开机；长按右 ●+ l 1s，右手开机； 2. 长按左 ● + ESC 5s，左右手同时关机； 3. 按任意键检查开关机状态，亮灯表示已开机	工作/待机：侧面灯条呼吸灯（绿色） 关机/休眠：灯灭
进入蓝牙配对状态	长按 ● + TAB / A / S 3s，连接设备 1/2/3	开启配对时，对应的键位（TAB / A / S）呼吸灯亮 蓝牙连接状态发生变化时（如连接成功、切换设备、休眠、唤醒），对应的键位会快速闪烁 3s
切换蓝牙连接设备	按 ● + TAB / A / S，切换设备 1/2/3	
充电状态及电量显示	设备充电时	侧面灯条呈蓝绿色流动
	● + P（F11），通过侧面灯条检视设备当前电量	绿色，当前电量 75~100% 浅绿色，当前电量 50~75% 橙色，当前电量 25~50% 红色，当前电量 0~25%
恢复出厂设置	长按 ● + O（F10) 3s	全键闪烁 3s

分层和键位说明

功能	操作		指示
分层键	共 2 层（Layer 0 & Layer 1），默认层级为 Layer 0		layer 0：默认轴底灯全灭 layer 1：对应层键位轴底灯亮
	FN	按住 FN 键，以选用另一层键值： 当前层为 layer 0 时，FN 按压期间输出 layer 1 键值 当前层为 layer 1 时，FN 按压期间输出 layer 0 键值	
	FN SWITCH	单击 FNSW 键（循环切层），切换当前层级 （layer 0 <--> layer 1）	
本地控制键	BUTTON （●）	提供多种键位组合完成本地控制功能	

10

默认分层

LAYER 0

LAYER 1

F1 F2

F3 F4 F5 F6

! 1   @ 2

3 $ 4   % 5   ^ 6

FN   ~ `

PrtScn   Insert   Home   End

CAPS LOCK   FN SWITCH

SHIFT   SPACE

CTRL

ALT   DELETE   ●

F7 F8 F9 F10

F11 F12

& 7   * 8   (9   ) 0

− -   + =

PgUp   PgDn   Menu   ↑

→   FN

←   ↓

ENTER   BACK SPACE

SYS   CTRL

●   ALT
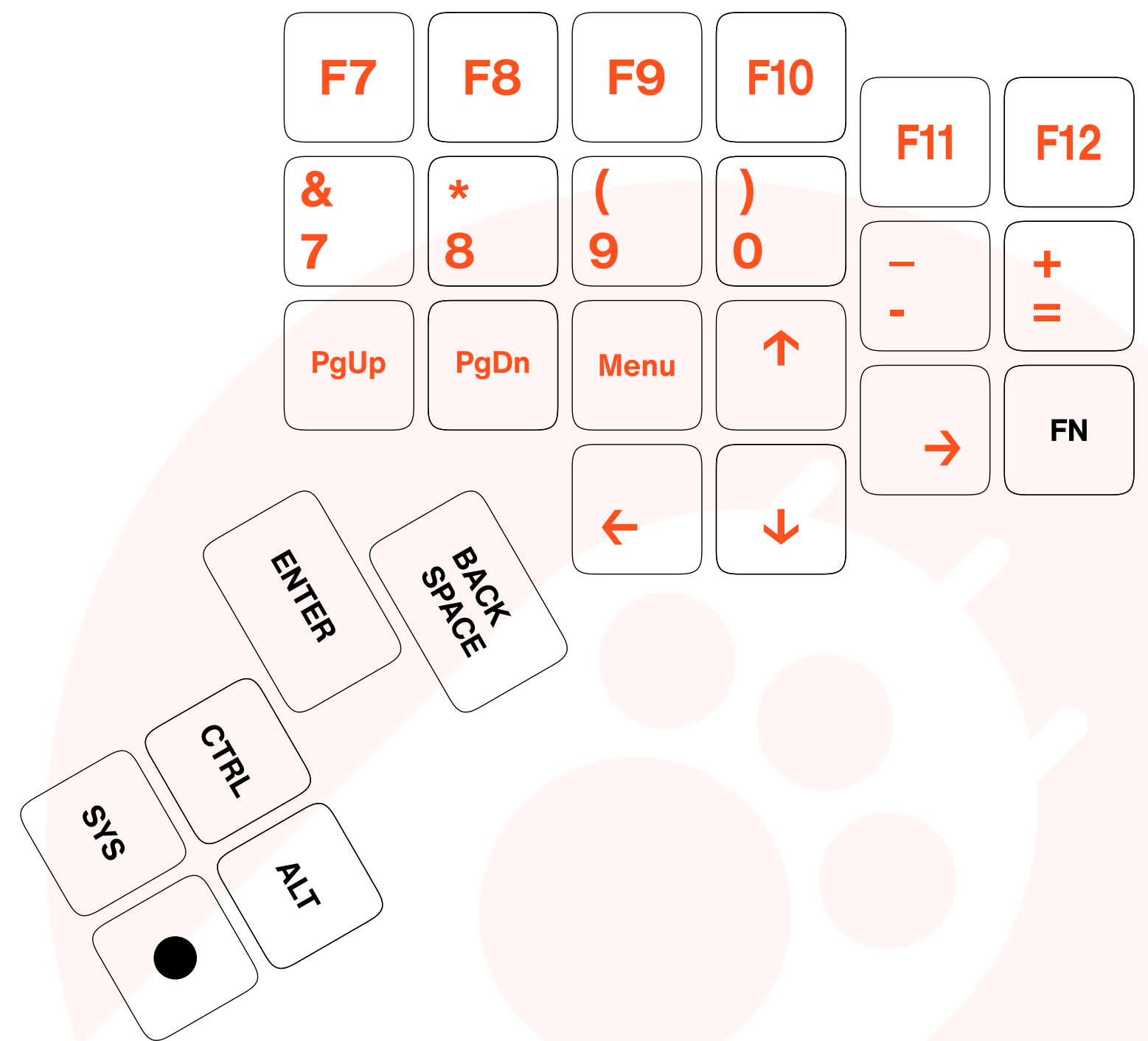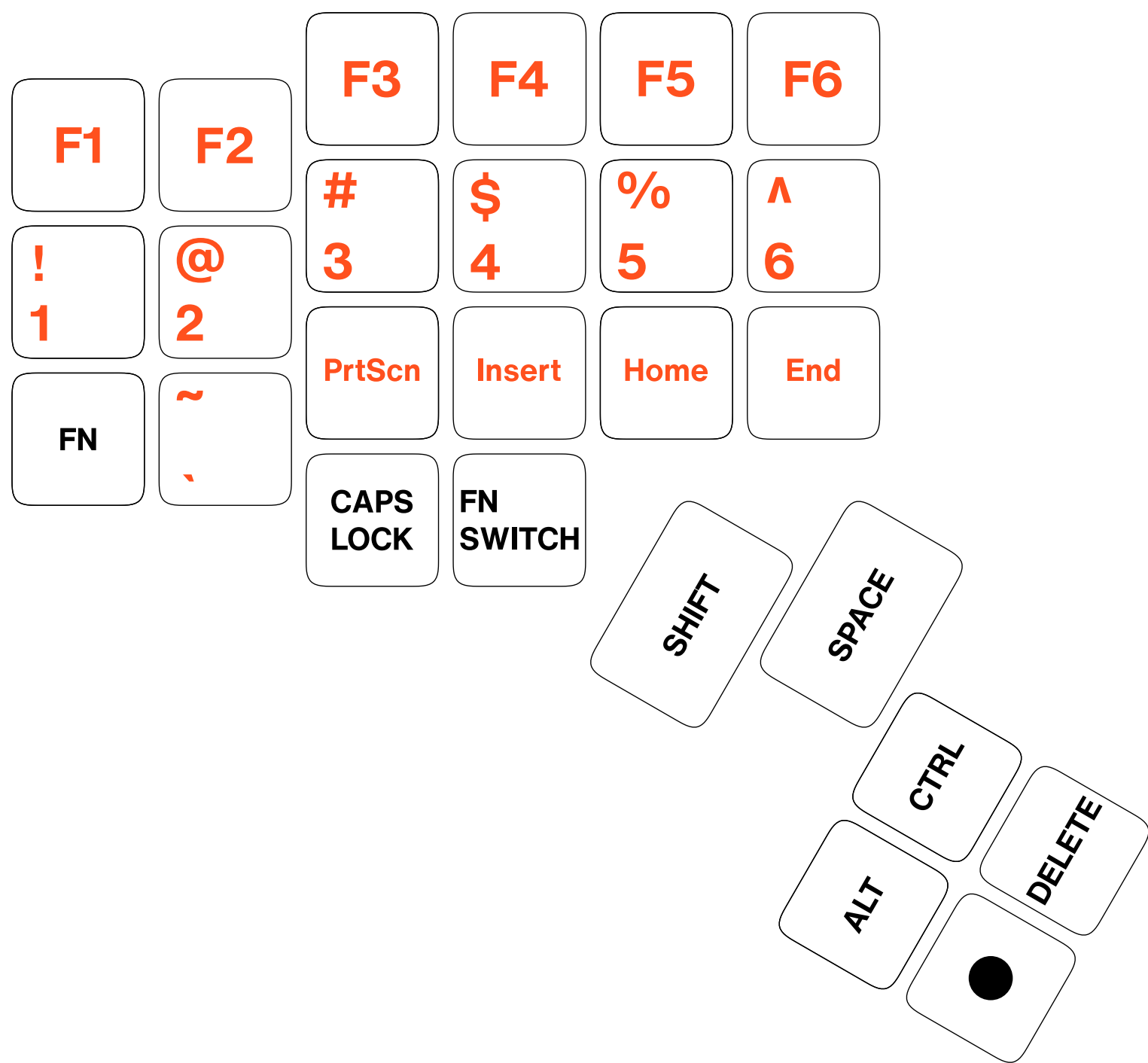
04 键位自定义

键位自定义

1. DIY 网站: diy.angrymiao.com;

2. 除 ● 键位外，所有键位均支持自定义;

3. 暂不支持增加键层（只有 2 层），只支持 FN（按住，切换到下一层）和 FNSW（单击，循环切层）的切层方式;

4. 后续可通过固件更新支持增加更多层级等内容，可在键位自定义网站下载最新固件;

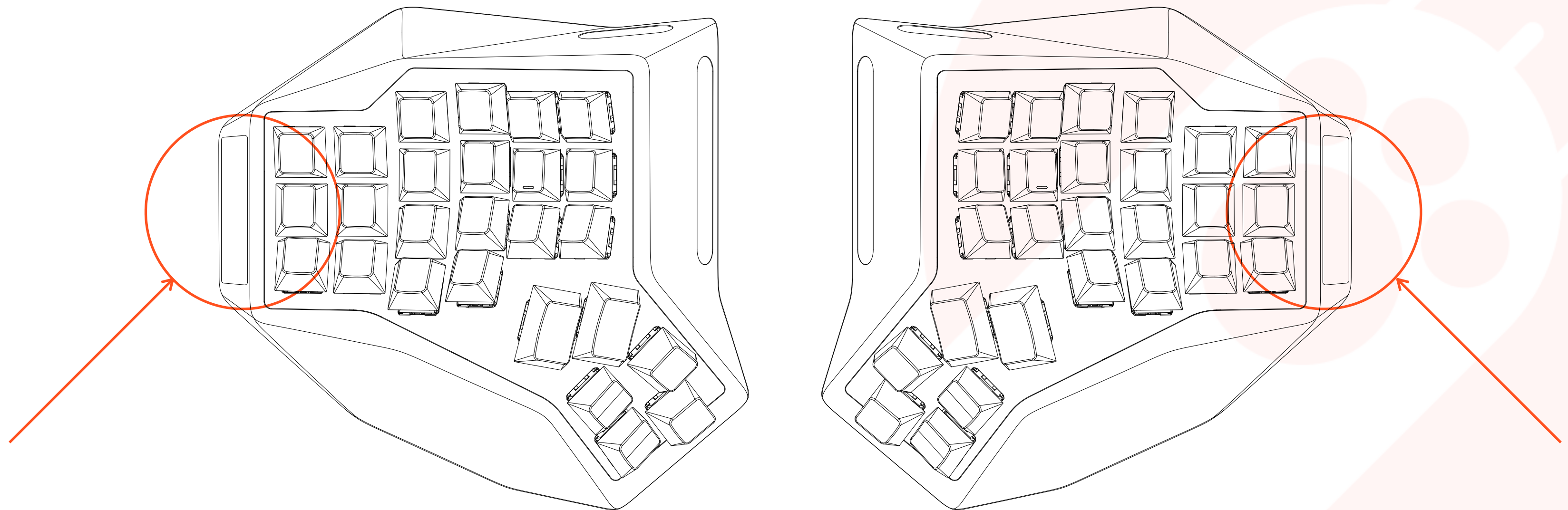5. 固件更新方法详见网站提示。

05 防伪须知

防伪须知

防伪声明

为了保障您的权益及购物体验，请在产品到货后，第一时间进行防伪查询。每个 SN 码都是唯一的，且仅可以验证对应的一件商品。若无法查询到对应的 SN 码，请您仔细辨别该产品。

Angry Miao 致力于为用户提供高质量的产品，我们将为产品提供注册防伪服务。

凡是从官方渠道购买的产品，均可进行防伪查询。操作步骤如下：
1. 登录 https://verify.angrymiao.com
2. 输入 HATSU 上的 SN 码
3. 点击查询

06 售后服务

售后服务

售后服务细则

以下售后条款适用于中国大陆地区用户

关于退换货：

1. 签收快递时请务必开箱验货，如发现物流外箱破损或产品外观明显瑕疵，请直接拒收；如发现缺少零件或配件，请保留开箱的照片或视频，在 24 小时内联系我们。

2. 自签收快递之日起 7 日内（包含 7 日）可以申请退货（个人定制产品除外），第 8-15 日内（包含 15 日）仅可以申请换货，或者选择免费修理。

3. 对于限量产品，同一（1）件售出的产品，只能进行一（1）次退货或换货，如没有库存进行更换，只能申请退货服务。

4. 以下情况不在退换货服务内：
- 超过了规定退换货时效；
- 非产品质量问题的人为损坏；
- 产品原始包装被拆除，影响二次销售；
- 非怒喵官方或授权平台产生的交易，比如二手平台的转单；
- 产品内部异色、划痕、色差为正常现象，以及产品外观的细微划痕（直径小于 0.3mm 的杂点或异色）、气纹、色差等不影响使用的情况，均不在售后范围内。

售后服务

关于保修:
当您购买的以下产品出现非人为损坏故障时，我们提供相应维修服务，请您提供相应购买凭证并在保修期限内联系我们！保修期限自签收之日起开始计算，保修期限如下：

AM HATSU 客制化键盘属于高度自定义产品，我们提供 1 年保修服务，如涉及更换配件或耗材需要付费。

以下情况不在保修范围内：
1. 无法提供相应的购买凭证；
2. 已经超出保修期限；
3. 意外因素或者人为原因导致产品损坏，包括换/装轴导致轴变形、按键板脱焊等；
4. 未经怒喵官方授权许可的改自行装、拆卸、维修等；
5. 退换货、送修途中由于运输、装卸导致的产品损坏，包括产品遗失；
6. 因不可抗因素(如雷电、地震、水灾等)造成的产品损坏。
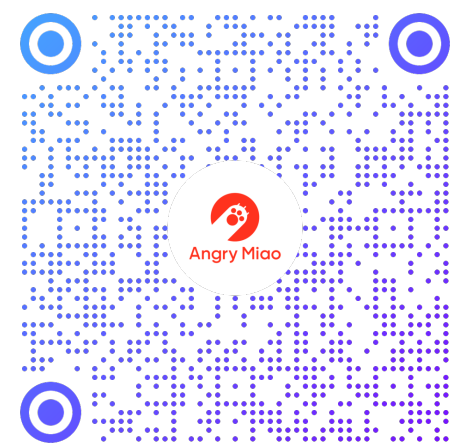
售后服务

服务指引：

1. 退换货或送修前，请核对以下内容是否准备齐全：

内容＼服务	退货	换货	维修
主机、配件齐全	√	√	√
包装完整	√	√	
发票（若有）	√		
赠品（若有）	√		

2. 在免费保修期内的产品，在三包有效期内，消费者依照本规定享受修理、更换、退货的权利。如申请维修，更换下来的坏件归怒喵所有；对于检测无故障产品，将原样寄回；

3. 因产品不符合保修条件需收取费用的，将向消费者收取维修费，并提供维修报告。

联系我们：

如有任何问题请及时与我们的工作人员联系，我们将尽快处理。

企业微信客服二维码

售后服务

免责声明

1. 非官方渠道购买的相关产品，我方不提供售后且不承担由此产生的交易风险。
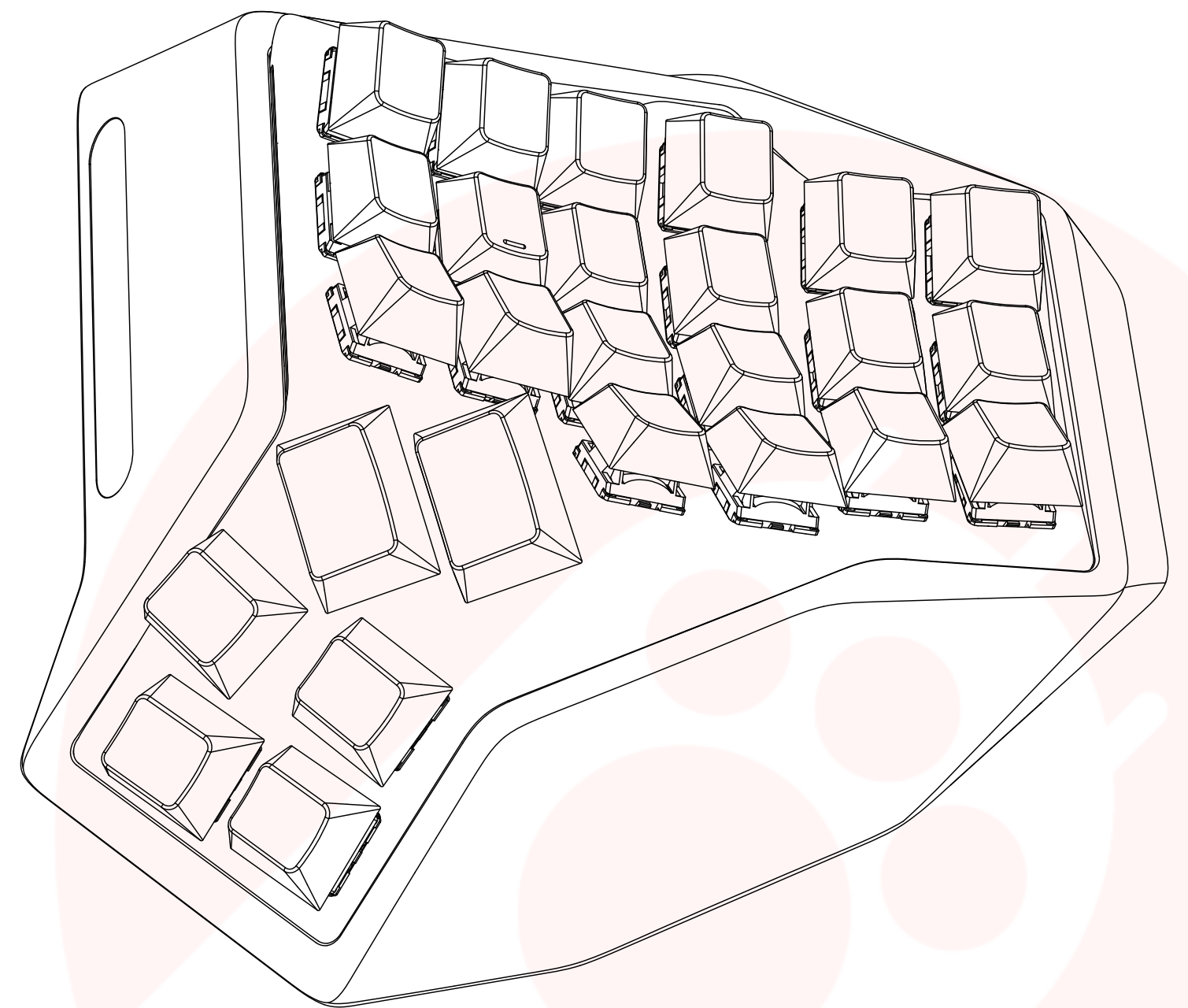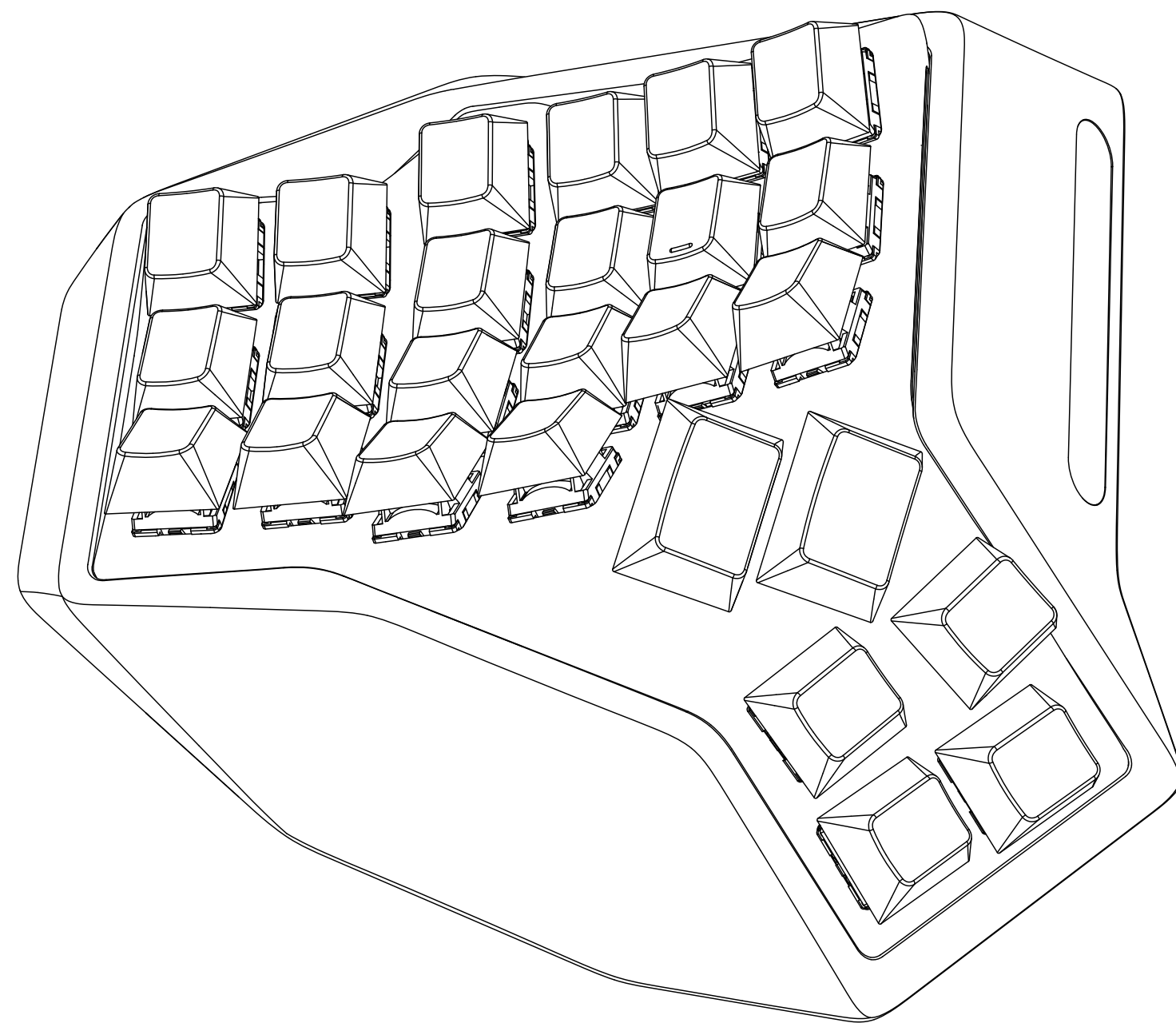
2. 我方保留对本售后服务细则的最终解释权及修订权。

Index

01 Product Overview

Product Overview

Bundle

Product Overview

Product Name	AM HATSU
Model Number	AM05
FCC ID	2A3FY-AM05
Weight	1.54 (±0.1) kg (including switches and keycaps)
Drivers	No additional drivers required, supports N-key rollover
Layout Configuration	Supports DIY web interface in Windows
Switches	Icy Sliver switches (linear switches), soldered
Keycaps	Angry Miao Glacier Keycap Set (black version) - Ergo Kit
PCB Lighting	Single-color lighting (white)
Connections	Bluetooth 5.0, USB port for data transfer
USB Port	USB 2.0, Type-C, supports C to C
Battery	Lithium battery 5000mAh *2
Qi Wireless Charging	Output power 3W, support Qi protocol
Maximum Power Consumption	Single device 1W

02 Quick Start Guide

Quick Start Guide

1. Take out AM HATSU from the package.

2. Plug in the USB cable to activate the device.

3. Hold ● + TAB/A/S for 3 seconds to start pairing.

4. Pair to the device and start to use.
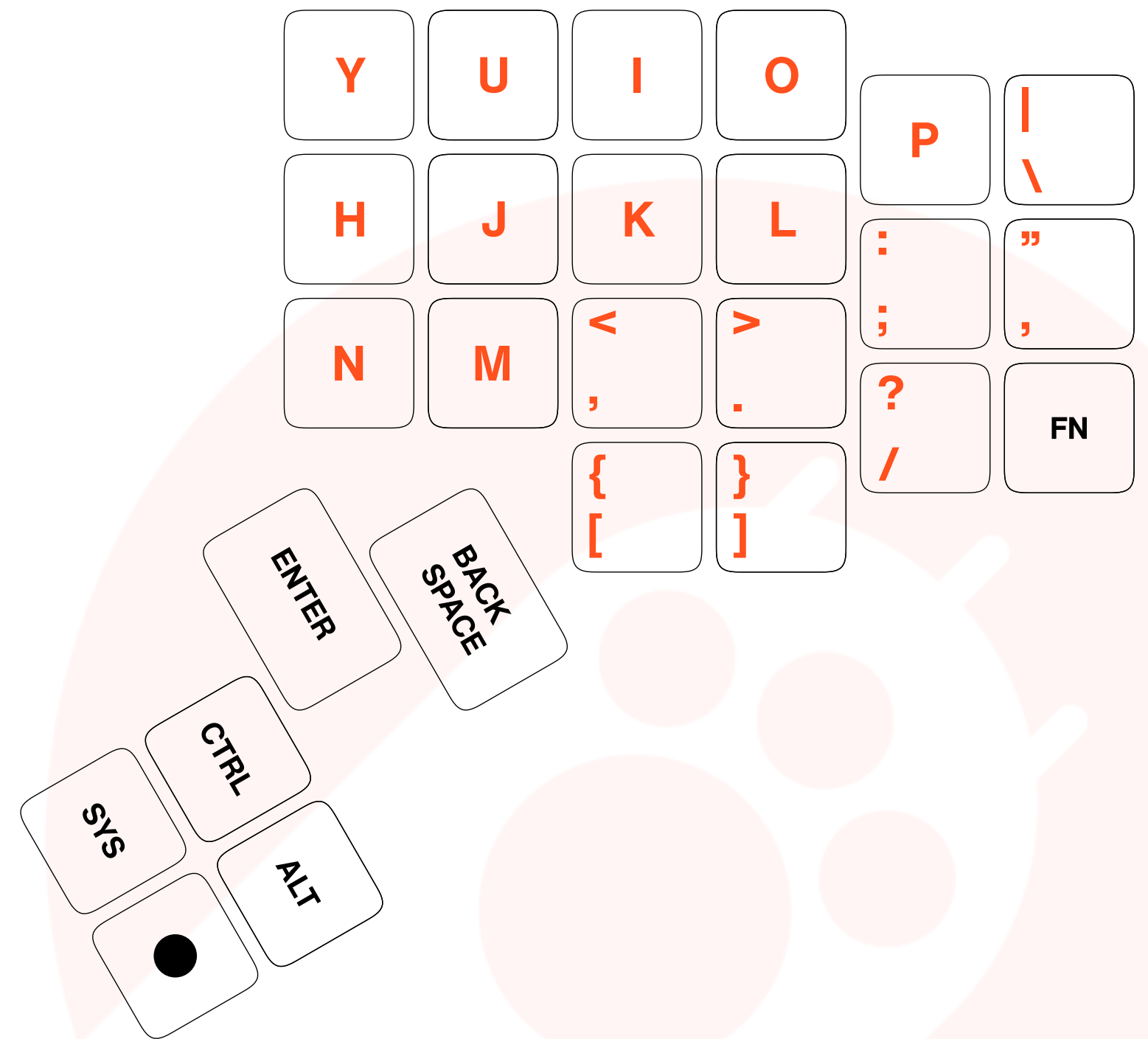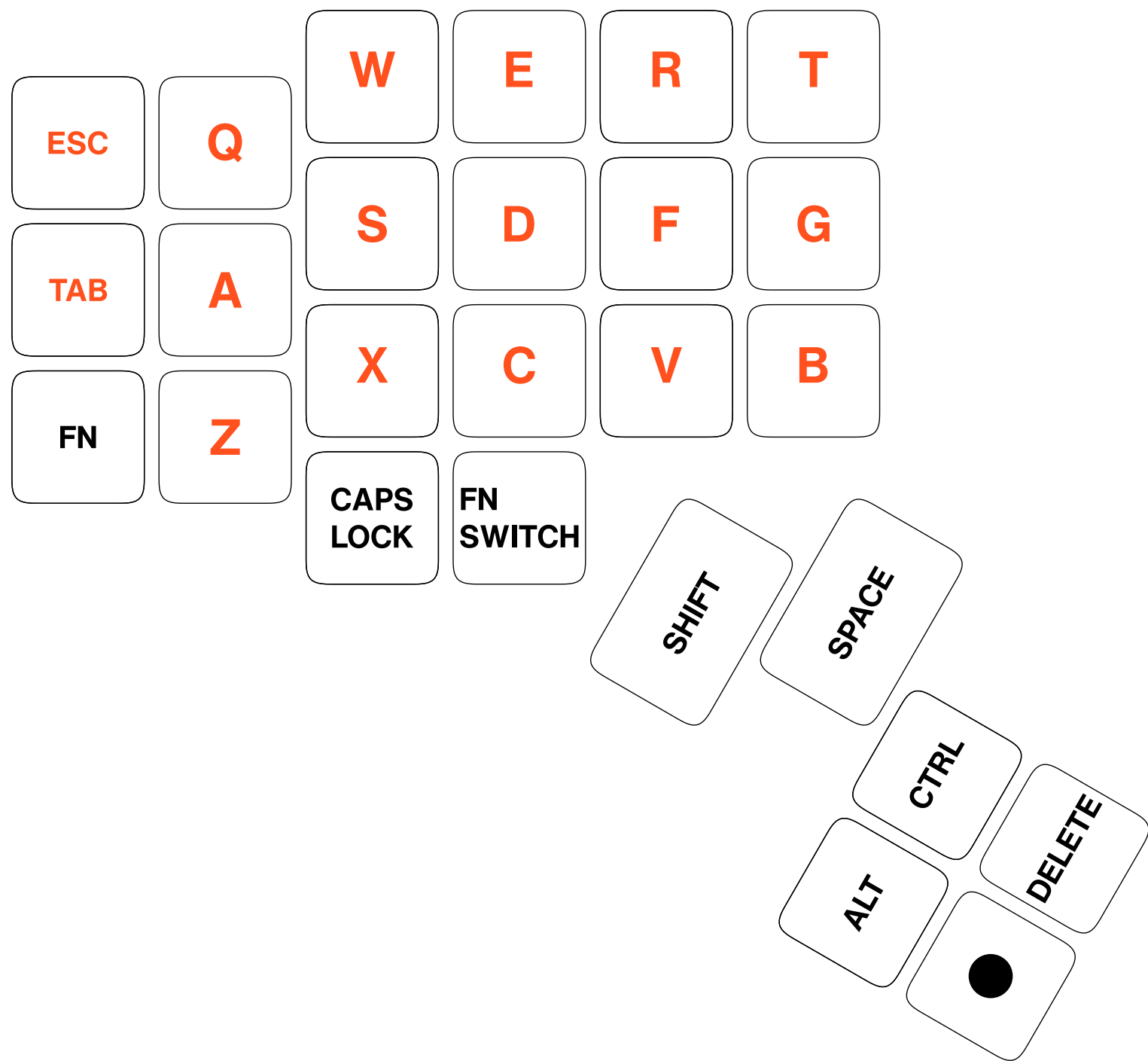
03 Shortcut Keys

Shortcut Keys

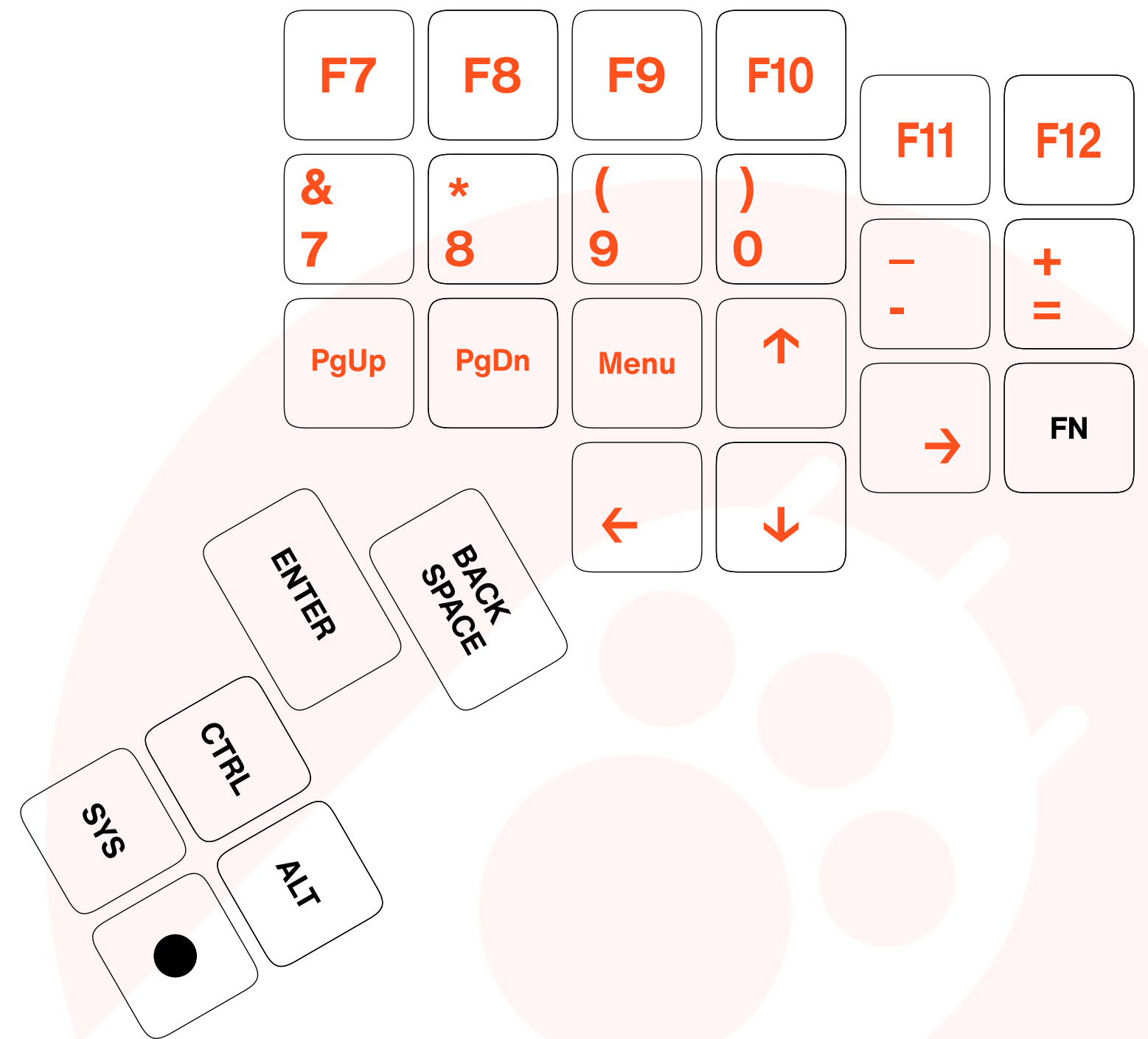| Function	Operation	Indicator
Turning on/off	1. Press and hold the left ● + ESC for 1s to turn on the left hand side. Press and hold the right ● + | for 1s to turn on the right hand side. 2. Long press the left ● + ESC for 5s to turn off both sides. 3. Press any key to check the current on/off status. If the light indicator is turned on, the keyboard is enabled.	Working/standby: breathing light effect in the side light bar (green) Turned off/sleeping: light is turned off
Enter Bluetooth pairing mode	Long press ● + TAB / A / S for 3s to connect device 1/2/3	When pairing, a breathing light effect is visible on the coressponding keys (TAB / A / S) When the Bluetooth connection status changes (successful connection, switch device, sleep, wake up etc.), the corresponding keys will flash quickly for 3s
Switch Bluetooth device	Press ● + TAB / A / S to switch to device 1/2/3	
Battery and charging status	While charging	The side light bar shows a blue-green flowing effect
	● + P (F11) to view the current battery level on the side light bar	Green: current power level is 75-100%
		Light green: current power level is 50-75%
		Orange: current power level is 25-50%
		Red: current power level is 0-25%
Factory reset	Long press ● + O (F10) for 3s	All keys flash for 3s

Layers and Layouts

Function	Operation		Indicator
Layer key		2 layers total (Layer 0 & Layer 1), the default layer is Layer 0	Layer 0: switch lights are fully disabled by default Layer 1: the switch light of the corresponding layer key is enabled
	FN	Hold the FN key to use another layer: When the current layer is Layer 0, pressing the FN key will enable Layer 1 When the current layer is Layer 1, pressing the FN key will enable Layer 0	
	FN SWITCH	Press on the FNSW key to change the active layer (Layer 0 <--> Layer 1)	
Local control key	BUTTON (●)	Key combinations to complete local control functions	

Default Layer

LAYER 0

LAYER 1

F1 F2

!   @
1   2

FN ~
    `

F3 F4 F5 F6

$ %   ^
3   4   5   6

PrtScn Insert Home End

CAPS   FN
LOCK   SWITCH

SHIFT SPACE

CTRL

ALT   DELETE

●

F7 F8 F9 F10

F11 F12

&   *   (   )
7   8   9   0

−   +
-   =

PgUp PgDn Menu ↑

→   FN

←   ↓

ENTER BACK
       SPACE

SYS CTRL

●   ALT
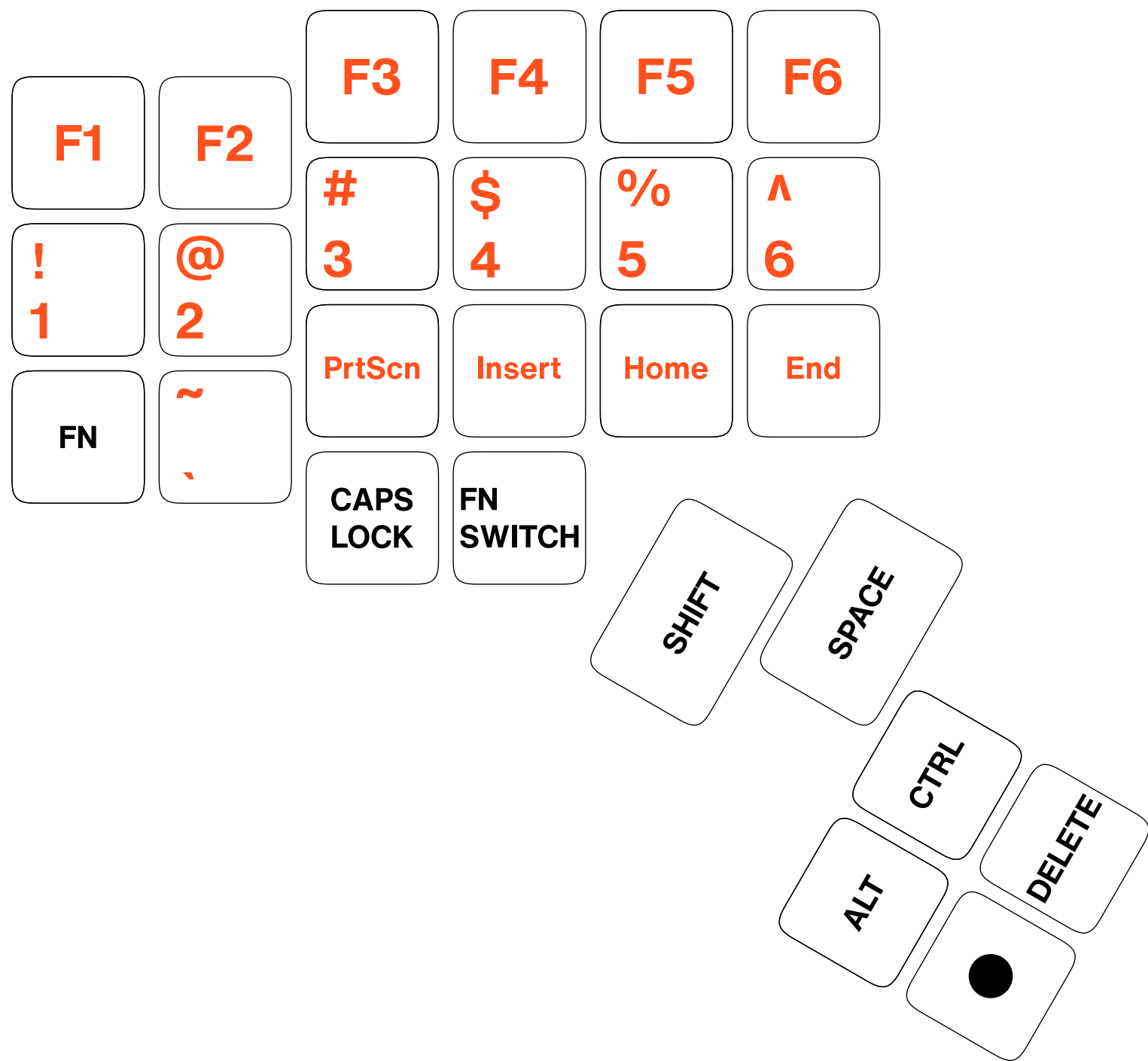
04 Layout Customization

Layout Customization

1. All keys can be customized except the BUTTON key (●).

2. Adding layers is currently unsupported (only 2 layers are available). Only FN (press and hold to switch to the next layer) and FNSW (press to switch layers) are supported.

3. Additional layers can be added through future firmware updates. The latest firmware can be obtained from diy.angrymiao.com.

4. Please refer to the website for firmware upgrade information.

05 Anti-counterfeiting Information

Anti-counterfeiting Statement:

Declaration

In order to protect your rights and shopping experience, please verify the SN code as soon as the product arrives. Each SN code is unique and can only verify its' corresponding item. If you cannot find the SN code, please carefully check the product.

Angry Miao is committed to providing users with high-quality products, which are equipped with anti-counterfeiting services.

All products purchased from official channels can be checked for authenticity. To check product authenticity, follow these steps:
1. Log in to https://verify.angrymiao.com
2. Enter HATSU's serial number
3. Click on the enquire button
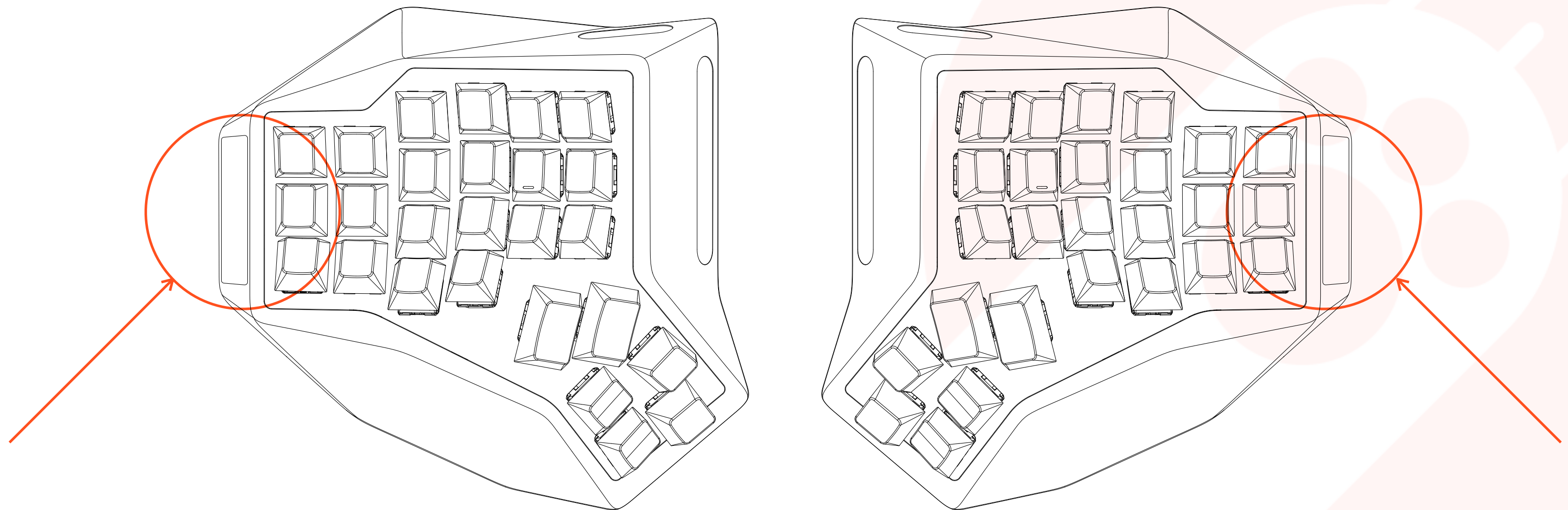
FCC Compliance Statement

This device complies with Part 15 of the FCC rules. Operation is subjected 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.

Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

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.

06 After-sales Service

After-sales Service

Return & Refund Policy

The following terms apply to regions outside of mainland China.

Our policy lasts 72 hours. If the time is due, unfortunately we can't offer you a refund or exchange.

There are certain situations we can't offer you a refund or exchange:
▪ 72 hours have gone by since you received the item.
▪ Any item not in its original condition, is damaged or missing parts for reasons not due to our error.
▪ Dislike due to personal preferences.

1. If you need to refund or exchange, please click Contact Us on the bottom of our website and leave your message. We will contact you within 3 working days.

2. To be eligible for a return, your item must be unused and in the same condition that you received it. It must also be in the original packaging. Any missing parts will delay the refund or cause partial refunds.

3. You will be refunded after we receive the returned product and check it. Once your return is received and inspected, we will send you an email to notify you that we have received your returned item. Then your refund will be processed, and a credit will automatically be applied to your credit card or original method of payment, within 7 business days.

4. If there is insufficient stock of exchanging products, we will inform you about the specific treatment.

5. Please contact us first if you want a refund or exchange. We will not accept returns or exchanges if you haven't contacted us in advance.

6. After-sales service：support@angrymiao.com.

39

After-sales Service

Angry Miao