



# ZOOM 65

快速安装指南  
BUILD GUIDE

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## 包装内容

### PACKAGE CONTENT



01  
包装盒  
Box & Storage Case



02  
键帽  
Keycaps



03  
底壳填充棉  
PORON case foam



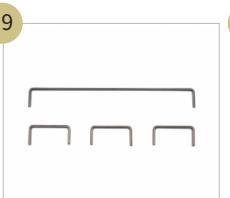
04  
PCB底棉  
PORON PCB foam



17  
旋钮  
Knob



18  
旋钮扳手  
Knob allen key



19  
钢丝  
Stabilizer wire



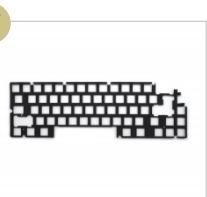
20  
卫星轴外壳  
Stabilizer housing



05  
PORON 垫片  
PORON gaskets



06  
轴下垫  
PORON switch foam



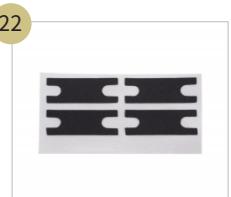
07  
夹心棉  
PORON plate foam



08  
PCB



21  
卫星轴轴心  
Stabilizer stem



22  
垫片  
Stabilizer pads



23  
轴贴  
Teflon strips



24  
脚垫  
Rubber feet



09  
轴体  
Switches



10  
PC定位板  
PC Plate



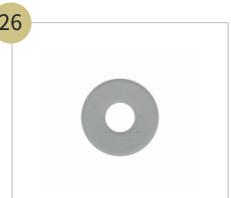
11  
上下盖  
Case



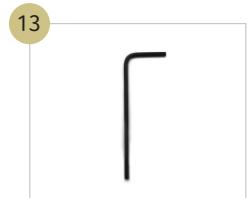
12  
USB线  
Coiled USB cable



25  
卫星轴螺丝×8  
Stabilizer screw×8  
Size: M2\*4



26  
卫星轴垫圈×8  
Stabs washers×8



13  
螺丝扳手  
Case allen key



14  
铜柱×6  
Standoff×6



15  
螺丝×6  
Standoffs screws×6  
Size: M2\*4



16  
螺丝×10  
Case screws × 10  
Size: M2\*5

## 安装步骤

### INSTALLATION STEPS

01

先检查外包装是否有破损，确认后打开包装盒，检查物品是否齐全。如有缺失，请联系您购买商店的客服。

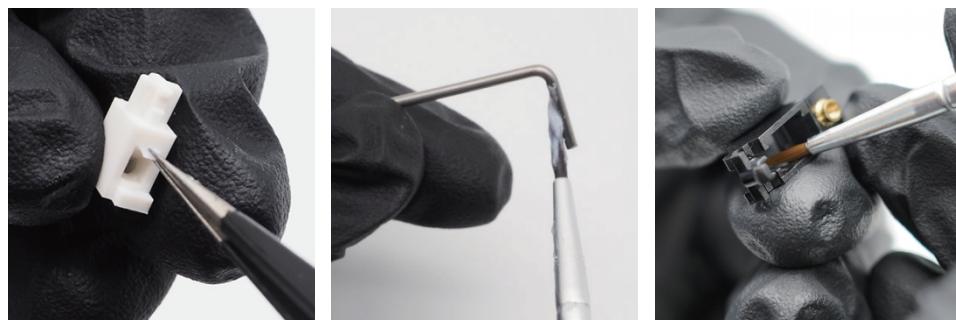
Please make sure to check if the brown or the black packaging box is undamaged. Please check if the items listed above are not missing. If you're missing any of the items above please contact the store you purchased it from before proceeding ahead.



02

取出卫星轴 **20** 和钢丝 **19**，可使用我们提供的轴贴 **23** 来填充轴孔内部空间，然后进行润滑(润滑脂与润轴工具自备)。

Please take out the stabilizer parts. You can holee mod the stabilizers using the provided teflon strips **23** but it's not necessary for the included stabilizers. We highly recommend you to lube the wire **19** and housing **20** for optimal performance and sound. Please refer to Youtube tutorials on how to properly lube stabilizers.



03

润滑好后，组好卫星轴。

Once lubed, you can start to assemble the stabilizers.



04

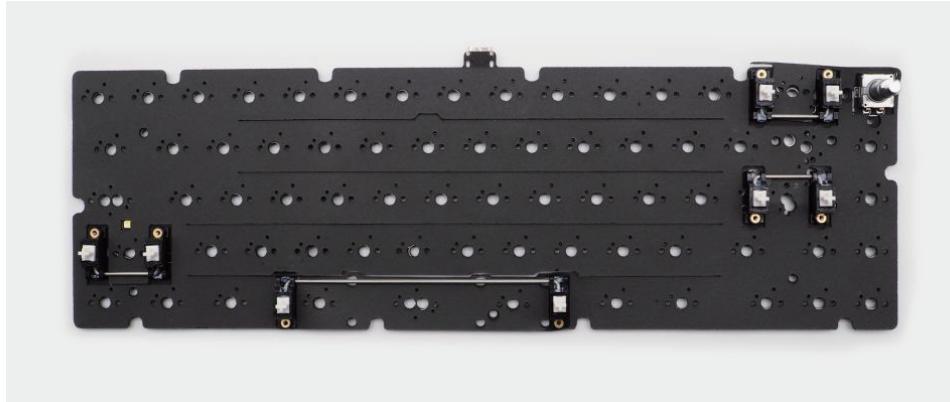
取出PCB **08** 和轴下垫 **06**，放置轴下垫(无背胶)到PCB正面。

Take the PORON switch foam **06** and place on the PCB **08** with the shiny side down. Please make sure the holes lined up like shown in the photo below.



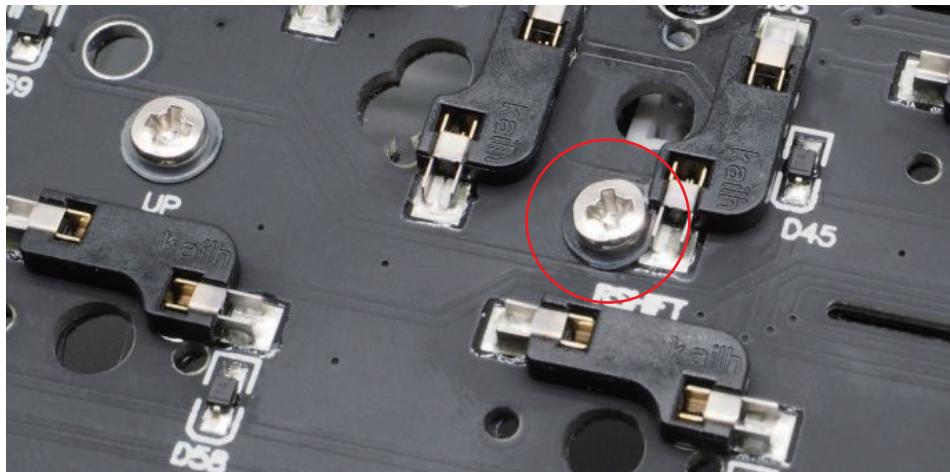
**05** 安装卫星轴，根据个人喜好使用垫片 22，将垫圈 26 插入卫星轴螺丝 25，然后拧好螺丝固定卫星轴。(注意：图中为ANSI标准配列)

Mount the stabilizer on the PCB. You can stick the included the pads 22 under the stabilizers but it's not necessary. Please use the included small washers 26 under the screws 25 of your stabilizers. (Note: The picture show ANSI Layout)



！ 注意该螺丝和轴座会发生干涉，属于正常现象，垫好垫圈直接拧入。

Do not be alarmed if the washer bends and deforms as the screw tightens. The hotswap sockets are strong enough to absorb the force.



**06** 取出PC定位板 10 和铜柱 14 (共六颗)，手动拧住铜柱(注意：下图红圈处一定要拧好，不然旋钮处会塌陷)。

Please take out the PC plate 10 and the standoffs 14 . Screw the standoffs on the backside of the plate (refer to the photo for reference). Only the two standoffs marked by the red circle are necessary, the rest are optional.



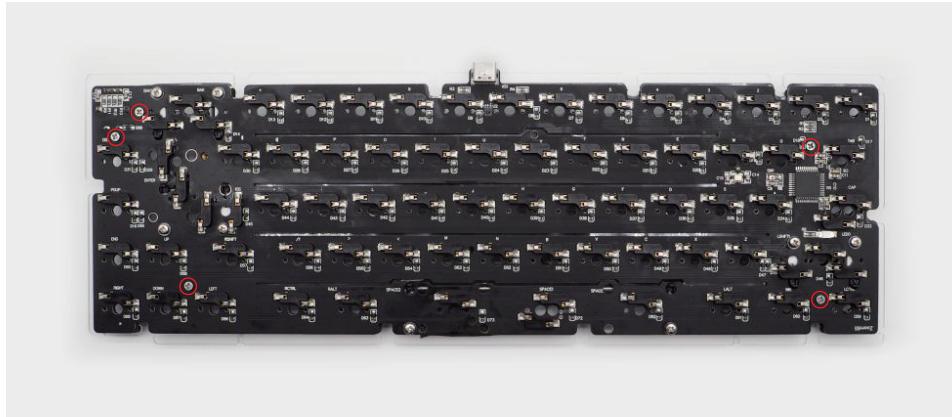
**07** 取出夹心棉 07 并覆盖在PCB定位板背面，注意对齐铜柱孔位。

Please take out the Plate foam 07 and place it on the backside of the plate, the same side as the standoffs. Please make sure to align it properly. This foam is optional.



08

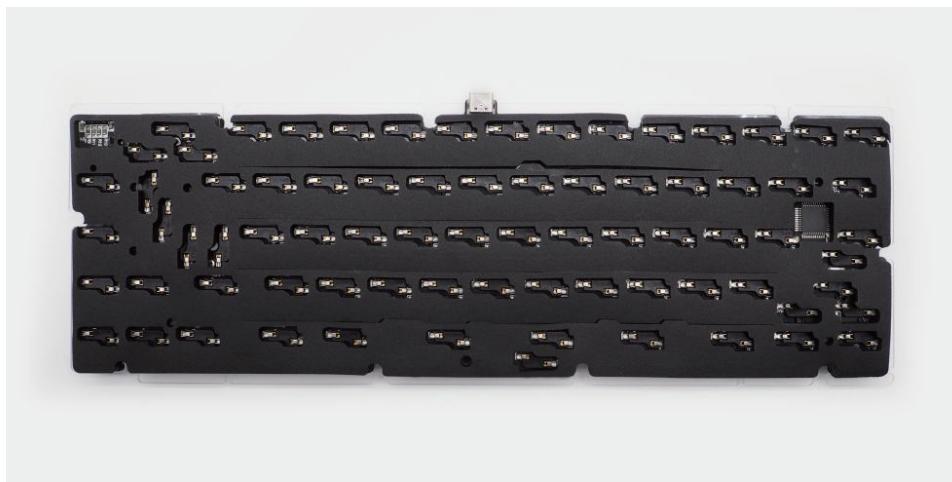
将PCB背面朝上放在夹心棉和定位板的上方，用螺丝 15 拧入铜柱以连接PCB和定位板。  
Place the PCB on top of the plate & foam combo, with the back of the PCB with the hot swap sockets facing towards you. Align the standoffs with the corresponding holes and use the screws 15 to screw the PCB and Plate together.



09

取出PCB底棉 04，揭开透明的那一面，贴上PCB上，对齐孔位后，揭下蓝色转移膜。

Please take out the PCB foam 04 and take away the transparent film, and place it on the PCB. Please make sure to align the holes on the foam with the hot swap sockets. This foam is optional.



10

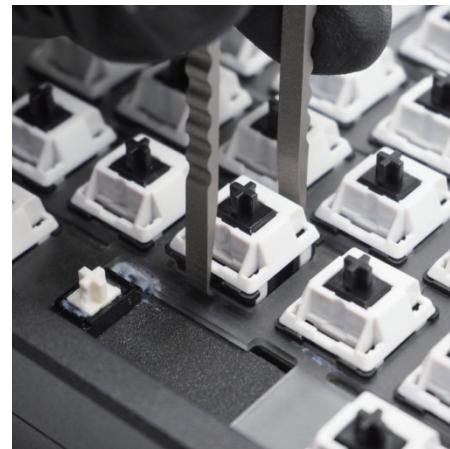
取出轴体 09，并开始安装。装轴的时候需要注意，为了达到软弹的效果，PCB和定位板都进行了开槽处理。(注意：暂时不装下图红圈处位置的轴体)。

Please start to install the switches 09 on to the plate. Please make sure to brace the hot swap socket on the other side of the PCB with your other hand. IMPORTANT: Do not install switches in the position marked by the red circles right now, you'll need to access the screw holes to screw the keyboard case back together. If a switch isn't going in, please refer to the tips and tricks section below for help.



如果轴体没有安装到位，可以使用拔轴器拉拔开槽处，辅助安装。

If not install the switch correctly, you can use a switch puller to help you adjust



错误示范：没有卡入定位板。

Wrong Example: the switch not inserted on the plate



11 | 取出壳体 11，装上脚垫 24。

Please take out the bottom case 11 and place the rubber feet 24 following the picture below. You can use a screwdriver or a knife to align the feet to the recess in the case.



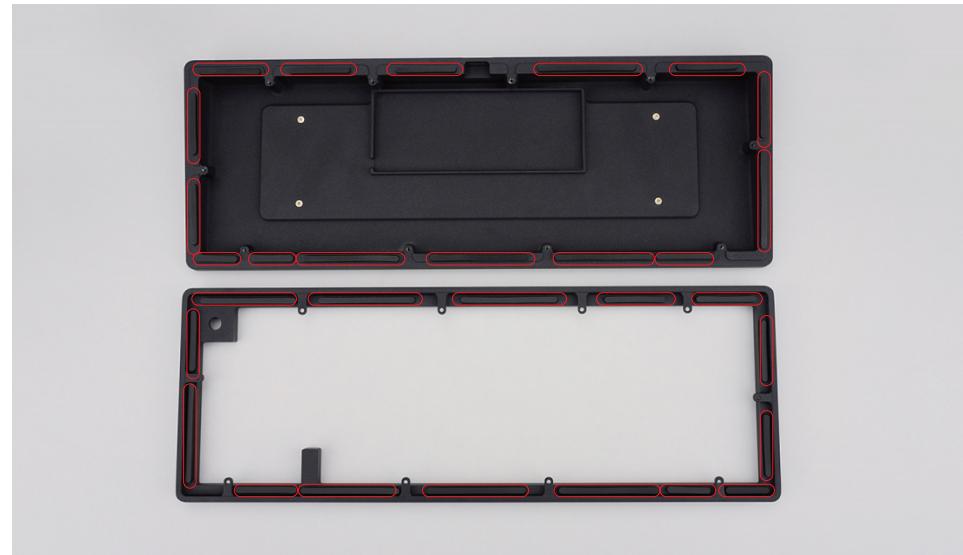
12 | 使用螺丝扳手 13 拧开上下盖 (注意：螺丝刀不要擦到上盖边框)。

Please use Allen key 13 to unscrew the top and bottom case (Note: do not rub the frame of the case with a screwdriver).



13 | 按图示贴好PORON垫片 05。

Install gaskets and poron foam 05 on the following the picture below. There are 3 sizes of gaskets, please use one that matches the recess on the case.



14 | 如图分别贴好底壳填充棉 03。

Place the case foams 03 as shown in the picture below. This foam is optional.



15

将组装好PCB放在底壳上方，请确保 PCB 上的 USB 端口与底壳上的孔对齐。确保 PCB 的任何部分都没有接触底壳的内壁，定位板上的垫圈应位于底壳垫圈条的正上方，定位板不要覆盖底壳上的螺孔。

Rest the assembled plate + PCB combo on top of the bottom case. Please make sure the USB port on the PCB aligns with the cutout on the bottom case. Make sure no part of the PCB is touching the inner walls of the bottom case. The gasket tabs on the plate should be sitting right on top of the gasket strips on the bottom case. No part of the plate should be covering any of the screw holes on the bottom case.



16

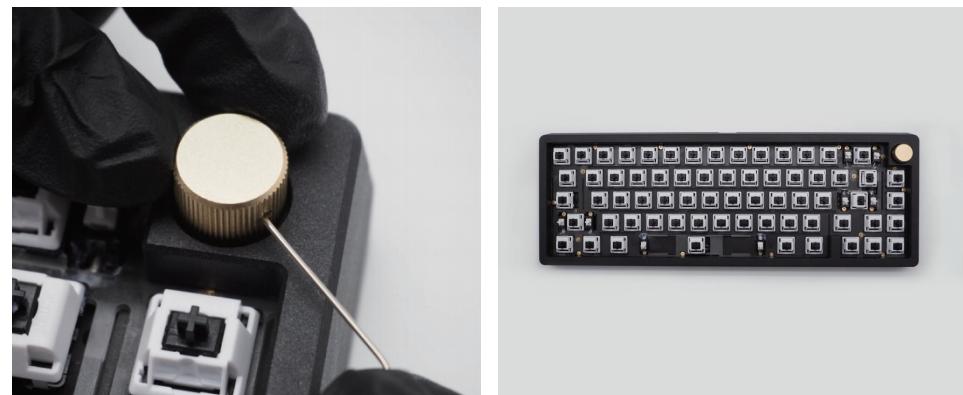
请将上壳放在上一步组装好的底壳之上。小心地将编码器轴穿过顶壳上的相应孔，因编码器和上盖孔位之间配合较为精密，需用力插入。注意螺丝孔的位置，确保它们完美匹配。在上壳正确就位后，使用下图中的螺丝扳手 13 安装螺丝 16。

Please place the top case on top of the assembled bottom case from the previous step. Carefully guide the encoder shaft through the corresponding hole in the top case. The gap is very precise so you may need to use some force. Pay attention to the positioning of the screw holes to make sure they match up perfectly. On the top case is properly in place, install the screws 16 using the allen key 13.



17

装入剩下轴体，然后取出旋钮 17 及螺丝 18 扳手，插入旋钮孔中将旋钮拧紧。  
Install the remaining switches. Please be careful to not force them in as the hot swap sockets underneath cannot be braced against the impact. Take out the knob 17, and insert knob allen key 18 into the knob stem and tighten the Jim screw at the side of the knob. The Jim screw (black in color) is already installed in the knob.



18

插上USB线 12，测试所有轴体是否触发，若不触发，首先检查该轴脚是否弯曲，若所有轴体正常还是无法触发，请联系售后(注意：Fn键无键值，不触发)。

Plug in the USB cable 12 and test all the switches to see if they are working. You can use VIA to test switches. If a particular switch doesn't appear to work, please take it out and make sure the pins are straight. If it still doesn't work, please contact the store where you purchased your Zoom65. NOTE: The Fn key, marked by the red circle will not show up in most key testers.



19

装上键帽，完成！恭喜你已经成功组装好Zoom 65！

Install the keycaps. That is all! Congratulations on putting your Zoom65 together!

