

# Making your start-stop and tap buttons

Making the start stop buttons is very simple indeed.

First you will need the models, visit <https://shop.re-303.com/build-it-2/> and under the 808 section you will find models kindly made for us by Landon Balk. The file you want is labelled “RE-808 Start/Stop/Tap button/cap models” Download this and unzip the files.

Inside you will find four stl models named as such

START-BUTTON-CORRECTED.stl  
START-CAP-WITH-0.25-TALL-TABS.stl  
TAP-BUTTON-CORRECTED.stl  
TAP-CAP-WITH-0.25-TALL-TABS.stl

These are all you need,

visit <https://jlcpcb.com/>

Click order now,

click the 3D/CNC logo at the top.

This will take you to the printing section.

If you click the “Add 3D files” button you can then upload your four models.

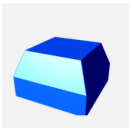
## BEFORE YOU ORDER!

**It is important to set the material types, the buttons should be white and the caps should be clear.**

On the next pages are screenshots of the settings I used. For the caps its transparent SLA (resin) 8001 and for the buttons is Natural white SLA (resin) LEDO 6060.

Double check these before ordering!

TAP-CAP-WITH-0.25-TALL-TABS.stl  
SLA(Resin), 8001 Resin, Colour: Transparent




TAP-CAP-WITH-0.25-TALL-TABS.stl  
1.74×1.08×1.74 cm  
0.88 cm<sup>3</sup>

3D Technology: **SLA(Resin)** | MJF(Nylon) | SLM(Metal) | FDM(Plastic) | SLS(Nylon)

Material: LEDO 6060 Resin | 9000R Resin | 8228 Resin | Black Resin | 8111X Resin | Imagine Black | **8001 Resin**

Color: **Transparent**


Surface Finish: **Yes** | No | Oil spraying (dropdown) | 

Build Time: **120 hours**

Qty: 1 (up/down arrows)


Product Desc: Select (dropdown)

Price: **\$1.99**

3D Remark 

*8001 resin max production capacity reached. Available again at 0:00 GMT+8 tomorrow.*

START-CAP-WITH-0.25-TALL-TABS.stl  
SLA(Resin), 8001 Resin, Colour: Transparent




START-CAP-WITH-0.25-TALL-TABS.stl  
3.54×1.08×1.74 cm  
1.58 cm<sup>3</sup>

3D Technology: **SLA(Resin)** | MJF(Nylon) | SLM(Metal) | FDM(Plastic) | SLS(Nylon)

Material: LEDO 6060 Resin | 9000R Resin | 8228 Resin | Black Resin | 8111X Resin | Imagine Black | **8001 Resin**

Color: **Transparent**


Surface Finish: **Yes** | No | Oil spraying (dropdown) | 

Build Time: **120 hours**

Qty: 1 (up/down arrows)


Product Desc: Select (dropdown)

Price: **\$1.99**


3D Remark 

*8001 resin max production capacity reached. Available again at 0:00 GMT+8 tomorrow.*

START-BUTTON-CORRECTED.stl, SLA(Resin),  
LEDO 6060 Resin, Colour: Natural White

<input checked="" type="checkbox"/>		3D Technology	<input type="button" value="SLA(Resin)"/>	<input type="button" value="MJF(Nylon)"/>	<input type="button" value="SLM(Metal)"/>	<input type="button" value="FDM(Plastic)"/>	<input type="button" value="SLS(Nylon)"/>
		Material	<input type="button" value="LEDO 6060 Resin"/>	<input type="button" value="9000R Resin"/>	<input type="button" value="8228 Resin"/>	<input type="button" value="Black Resin"/>	
			<input type="button" value="8111X Resin"/>	<input type="button" value="Imagine Black"/>	<input type="button" value="8001 Resin"/>		
		Color	<input type="button" value="Natural White"/>				
		Surface Finish	<input type="button" value="Yes"/>		<input type="button" value="No"/>		
			<input type="button" value="Sanding"/>	<input type="button" value="General sandii"/>	<input type="button" value=""/>		
		Build Time ?	<input type="button" value="72 hours"/>				
		Qty	<input type="button" value="1"/>				
		Product Desc	<input type="button" value="Select"/>				
		Price	\$0.4				
		3D Remark	<input type="button" value=""/>				

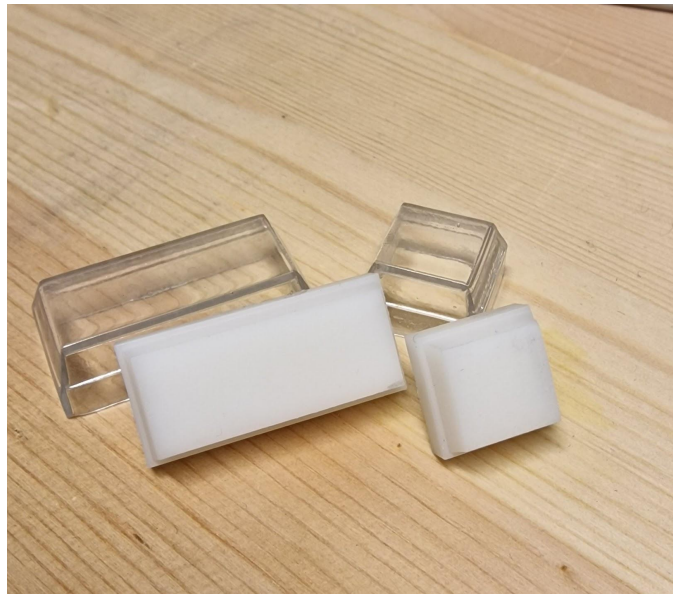
TAP-BUTTON-CORRECTED.stl  
SLA(Resin), LEDO 6060 Resin, Colour: Natural White

<input checked="" type="checkbox"/>		3D Technology	<input type="button" value="SLA(Resin)"/>	<input type="button" value="MJF(Nylon)"/>	<input type="button" value="SLM(Metal)"/>	<input type="button" value="FDM(Plastic)"/>	<input type="button" value="SLS(Nylon)"/>
		Material	<input type="button" value="LEDO 6060 Resin"/>	<input type="button" value="9000R Resin"/>	<input type="button" value="8228 Resin"/>	<input type="button" value="Black Resin"/>	
			<input type="button" value="8111X Resin"/>	<input type="button" value="Imagine Black"/>	<input type="button" value="8001 Resin"/>		
		Color	<input type="button" value="Natural White"/>				
		Surface Finish	<input type="button" value="Yes"/>		<input type="button" value="No"/>		
			<input type="button" value="Sanding"/>	<input type="button" value="General sandii"/>	<input type="button" value=""/>		
		Build Time ?	<input type="button" value="72 hours"/>				
		Qty	<input type="button" value="1"/>				
		Product Desc	<input type="button" value="Select"/>				
		Price	\$0.3				
		3D Remark	<input type="button" value=""/>				

As you can see from the screenshots, the total price is \$4.68 before shipping, maybe it's worth ordering two sets? We included two sets of inserts in case you made an error or wanted to make an extra spare set, choice is yours.

Shipping can be as low as \$1.50 but as you can imagine this will take quite some time to deliver, there are many options right up to expensive courier prices that will deliver fast.

Once you made your order and the parts have arrived you should have something like this.



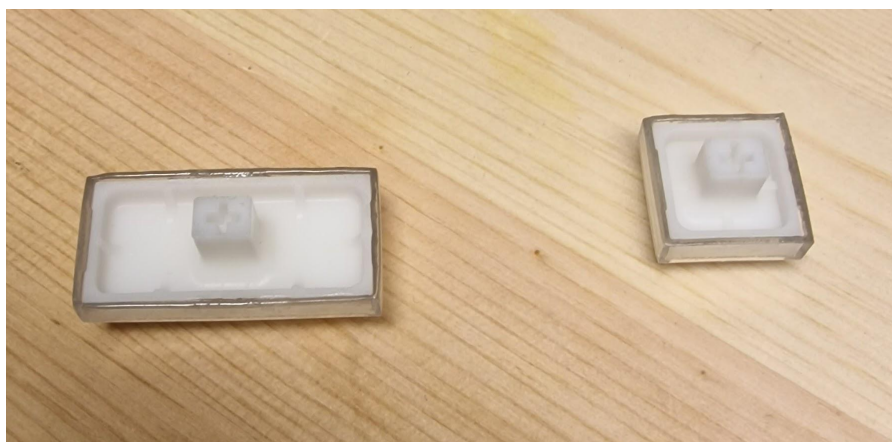
Clear caps and natural white buttons.



Now take one set of inserts and carefully cut them out.



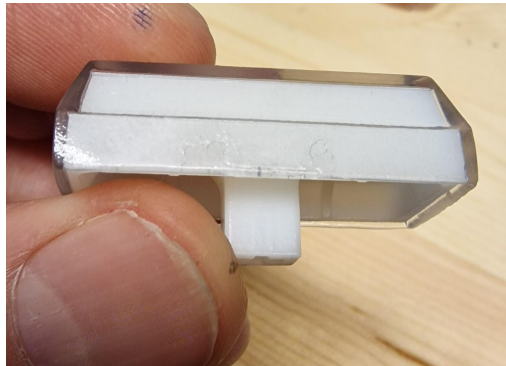
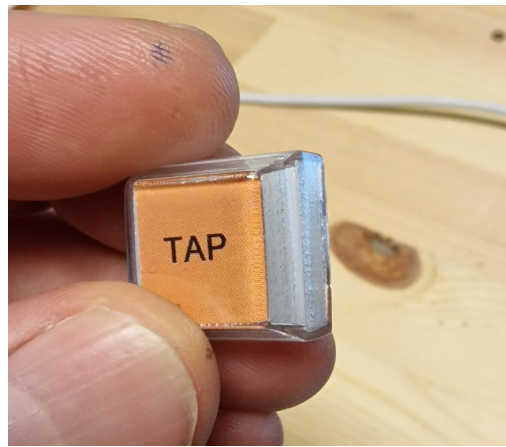
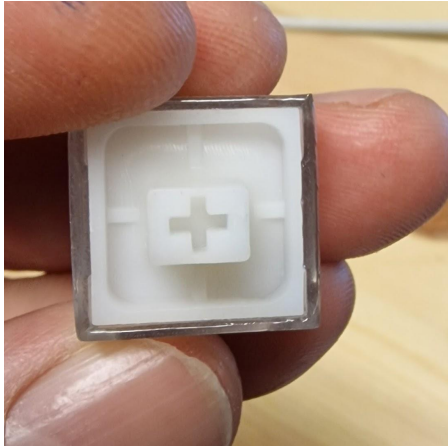
Place the inserts inside the caps to test fit, they should fit perfectly, if not carefully trim them a little until they do.



Test fit the buttons and check the labels are aligned and look good.

# IMPORTANT!

The tap button plunger should be aligned as so with the long side parallel to the TAP text.



Once you are happy, take the button out again and put a VERY small drop of superglue on the side (white part near the lip) and put the button together again, a gentle squeeze will be enough to mate the glue.



And we are done, if you used the cheapest shipping option then you got yourself a bargain, a full set all in for less than 7 bucks, and they polish them too, can't beat that 😊



Installed and ready to boom bap!