# Wearable Clap Switch
# 3D PRINTING GUIDE

Makers Making Change
A Neil Squire Program

## 3D Printing Summary

| Metrics | *Configuration 1* |
|---|---|
| Total Print Time (hr:min) | 12:08 |
| Total Number of Components | 8 |
| Typical Total Mass (g) | 90 |
| Typical Number of Print Setups | 5 |

## 3D Printing Settings

| Print File Name | Qty | Total Print Time (hr:min) | Mass (g) | Infill (%) | Support(Y/N) | Layer Height/ Nozzle Diameter(mm) | Notes (orientation, special settings, etc.) |
|---|---|---|---|---|---|---|---|
| Transmitter_Lid.stl | 1 | 2:29 | 16 | 20 | N | 0.2/0.4 | - Print in orientation given in STL |
| Transmitter_Base.stl | 1 | 1:18 | 9 | 20 | N | 0.2/0.4 | - Print in orientation given in STL<br>- Allow to cool to room temperature before removing from print bed |
| Reciever_Lid.stl | 1 | 2:12 | 20 | 20 | N | 0.2/0.4 | - Print in orientation given in STL |
| Reciever_Base.stl | 1 | 5:47 | 44 | 20 | N | 0.2/0.4 | - Print in orientation given in STL |
| Transmitter_Button.stl | 2 | 0:02 | 0.2 | 20 | N | 0.2/0.4 | - Print in orientation given in STL |
| Transmitter_Cover.stl | 2 | 0:09 | 0.5 | 20 | N | 0.2/0.4 | - Print in orientation given in STL<br>- Trim any brim or elephants foot from bottom |

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## Customization Options

- If there are options for customization of the device include instructions here. This could be printing the device in multiple colors, custom markings, or any other way to customize the device.

## Post-Processing

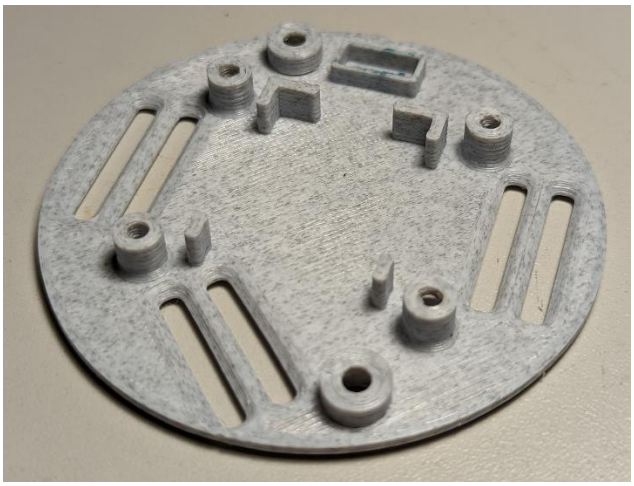
- Add any processes that must be done after print such as removing supports

## Examples of Quality Prints

- Add photos of the prints below to show examples of what the component should look like after the print. This will help makers know if their print is good quality and if it is up to the expectations of the device.

**Photos of Transmitter_Lid.stl**

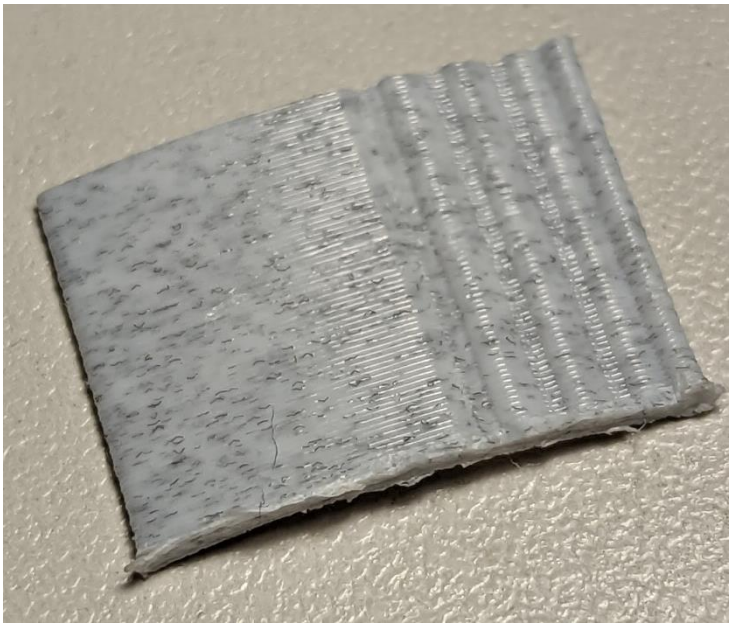

**Photos of Transmitter_Base.stl**



### Photos of Receiver_Lid.stl

### Photos of Receiver_Base.stl

**Photos of Transmitter_Cover.stl**



**Photos of Transmitter_Button.stl**