

# Freedom Wing Joystick Adapter

## 3D PRINTING GUIDE

### 3D Printing Summary

Metric	Individual Parts	Set
<b>Total Print Time (min)</b>		2:23
<b>Total Number of Components</b>	4	4
<b>Typical Total Mass (g)</b>	30	30
<b>Typical Number of Print Setups</b>	4	1

### Customization Options

If available, it may be desirable to print the FreedomWing\_Lid in transparent filament to better allow the LED light to be seen.

### 3D Printing Settings

Parts should be printed in PLA or PETg. The parts can be printed individually or as a set.

#### Individual Parts

Print File Name	Qty	Total Print Time (hr:min)	Mass (g)	Infill (%)	Support (Y/N)	Layer Height/ Nozzle Diameter (mm)	Notes
FreedomWing_Case.stl	1	1:35	18	20	N	0.2/0.4	
FreedomWing_Lid.stl	1	0:34	9	20	N	0.2/0.4	Consider transparent filament
FreedomWing_NutTrapperA.stl	1	0:05	1	20	N	0.2/0.4	
FreedomWing_NutTrapperB.stl	1	0:17	2	20	N	0.2/0.4	

#### Set – Single Color

Print File Name	Qty	Total Print Time (hr:min)	Mass (g)	Infill (%)	Support (Y/N)	Layer Height/ Nozzle Diameter (mm)	Notes
FreedomWing_Set.stl	1	2:23	30	20	N	0.2/0.4	

### Post-Processing

Standard post-processing to remove any bumps or zits.