



Passive iPhone Amplifier



PealPrint

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Summary

This is my modification of Frank Deschner's passive iPhone amplifier from the iPhone Fun Pack here on Printables.

[Gadgets](#) > [Portable Devices](#)

Tags: [iphone](#) [iphonestand](#) [iphone7](#) [iphone8](#) [iphonese](#)
[iphoneamplifier](#) [passiveamplifier](#)

I originally printed the horns and the base separate for optimal quality on the bells of the horns, and the inclusion of a stripe. While the shorter horns do not project as far as the original, longer, horn did, the addition of the second horn helps to compensate, while allowing for this space saving design.

Print Settings:

Printer:

Prusa MK3S+

Filament:

PLA

Layer Hight:

0.15 to 0.2

Infill:

10% to 50%

Exterior Perimeters:

4

Brim:

5-7mm

Heated Bed:

Recommended, but possibly not necessary with a larger brim.

Supports:

Everywhere, snug, and at 50 degrees overhang threshold.

Approximated Filament Usage:

16.3m

Approximated Print Time:

4 hours and 30 minutes.

This remix is based on



iPhone Fun Pack

by Frank Deschner

Model files



iphone-passive-amplifier.stl

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