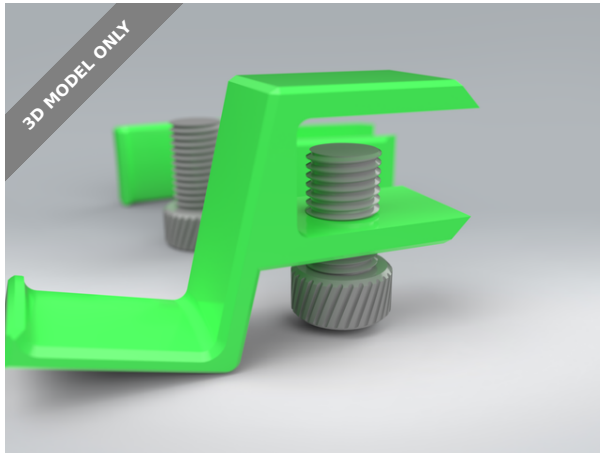




Headphone Stand/ Holder 5000!



Firstlayer Oy

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Summary

Enhance your workspace with our 3D-printed headphone stand, designed to securely hold your headphones!

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Headphone Stand/Holder 5000 (Attachable to Table)

Enhance your workspace with our 3D-printed headphone stand, designed to securely hold your headphones while keeping your desk organized. This stand is both stylish and functional, featuring a modern design that seamlessly fits into any setup.

Materials:

- The headphone stand can be 3D printed using **PLA** or **PETG** filaments. While both materials offer durability, opting for stronger filaments will result in a more robust and longer-lasting stand, especially suitable for heavier headphones.

Adjustable Tightening Mechanism:

- The stand features a 3D-printed tightening element—a bolt that allows you to securely attach the stand to the edge of your table.
- The clamp is adjustable to accommodate table thicknesses ranging from **1 mm to 39.9 mm**, making it versatile for various desk setups.
- Simply tighten the bolt to fix the stand in place—no additional tools required.

Design and Compatibility:

- Boasting a **sleek and modern look**, this headphone stand is not just a functional accessory but also a stylish addition to your workspace.
- The **sturdy structure** is designed to hold all types of overhead headphones, including both over-ear and on-ear designs, ensuring they are easily accessible whenever you need them.

3D Printing Recommendations: To achieve the best quality and durability for your headphone stand, follow these recommended 3D printing settings:

- **Layer Height:** 0.12 mm or lower
 - Using a finer layer height ensures **smooth surfaces** and **precise threading** for the tightening bolt, allowing for seamless adjustment and a secure fit.
- **Infill Density:** 50% or higher
 - A higher infill density provides **enhanced strength and stability**, ensuring the stand can comfortably support the weight of various headphones without compromising structural integrity.
- **Wall Perimeters:** 4 or more walls
 - Increasing the number of wall perimeters adds **extra durability**, particularly beneficial for the clamp and support structures that undergo regular stress during use.

Assembly and Usage Tips:

- The stand is **easy to attach and remove**, offering convenience if you need to relocate or store it.
- When securing the stand to your table, **avoid overtightening the bolt**. This precaution helps protect both the 3D-printed parts and your table's surface from unnecessary stress and potential damage.

Perfect for Any Workspace: Whether you're setting up at home, in the office, or in a studio, this 3D-printed headphone stand is designed to meet your needs, offering both utility and aesthetic appeal. Keep your headphones organized and your desk clutter-free with this functional and stylish accessory.

Note: Ensure your 3D printer is properly calibrated before printing to achieve the best results. Adjust settings as needed based on your specific printer and filament type.

Model files



stand.stl



bolt.stl

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