Westone IEM Case with Flush lid / Headphone case

makermac

VIEW IN BROWSER

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Summary

Replacement headphone case that keeps them protected but not too tight for your more expensive in-ears.

7.69 hrs	2 pcs	0.20 mm	0.40 mm	PLA Special	80 g	Creality Ender 3 Pro

Hobby & Makers > Organizers

Tags: box headphone case container headphones earbuds earbudholder headphoneholder earbud earbudcase screwlid headphonecase

UPDATE - 3-15-2023

This case is meant to be a little loose in order to protect your expensive in-ear monitors or earbuds from getting tossed around or wound tightly which can add wear and tear and strain cables over time. BUT i always found the original a little too big, so my first rendition i slimmed down the lid. however i'm still finding the case to feel cumbersome and large. So i now have slimmed down the body a bit more as well. I first tried with a

domed model thinking i could keep the profile slim and have it slide more easily into my backpack without that hard right angle at top and bottom. Well, it was a huge failure and i could never get the supports to release correctly. I also gave up on trying to make a domed TPU insert that would fit correctly. you can try to print these yourself but you'll have to have your settings dialed well. My second idea was to just add a slight bevel on the edges so it would slide into my backpack much easier and then still print easy with no supports. This Beveled model is a success with eliminating nearly a quart inch of height and still storing my in-ears loosely.

New models:

- Domed lid and base - no exact fit for the TPU insert, but feel free to size up or down the current ones.
- Beveled lid and base - both of these have been slightly adjusted height wise so that they look much more half and half. I've included a TPU insert that sits flush with the base (15mm) and one that raises slightly above it (20mm) to keep the cable from slipping between the two halves as you screw them together.

This is a remix of this great design by Ethan_117. My case for my Westone In ear monitors broke so I went looking for another way to protect them with my gear. Loved his case, BUT wanted it to be a little slimmer so I could slip it in my backpack more easily. So all I did was adjust the depth of the lid. Including the base and insert files he created as well. Check out the link for his original.

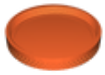
The Original from Ethan_117

This remix is based on

Westone IEM Case

by Ethan_117

Model files



flat-westone-top-12mm.stl

westone_iem_case_bottom_insert-30mm.stl

westone_iem_case_bottom-34mm.stl

insert-tpu-15mm-for-beveled-model.stl

insert-tpu-20mm-for-beveled-model.stl

beveled-top.stl

beveled-bottom.stl

domed-base-print-at-own-risk.stl

domed-top-print-at-own-risk.stl

Print files

original-insert_flex-30mm-h.gcode

Special 0.40 mm 0.20 mm 2.66 hrs 22 g Prusa MINI / MINI+

TPU insert

westone-top-12mm-and-bottom-34mm.gcode

PLA 0.40 mm 0.20 mm 5.03 hrs 58 g Prusa MINI / MINI+

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