



Bender Battery Case for the Heltec V3 & Heltec T114 Meshtastic powered LoRA Node



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Summary

The most popular Heltec V3 case now supports the T114! Bender features support for an SMA connector and 18650 battery.

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*****TO CELEBRATE BENDERS FIRST BIRTHDAY HE'S NOW FREE*****

Bender is a 3D printable case for the Heltec V3 and Heltec T114 LoRA Meshtastic powered Radio node. It features a bay for an 18650 battery holder and the ability to add a full size SMA connector so a variety of antenna's can be used.

There are two front covers included, the standard which features the two push buttons for the Heltec controls and a second which includes a convenient On/Off switch.

Files include:

- Two front cover options - with switch and without
- Two body options - top mounted antenna and side mounted
- Rear Battery Cover
- SMA Hex wrench
- Release notes with details on print settings and bill of materials for the required hardware

Assembly requires no screws or glue with everything clipping together securely. You can see a video demonstrating Bender on [YouTube here](#) and an assembly video [HERE](#).

The case prints easily in under 6 hours and requires only 50g of filament. The only hardware required (other than the Heltec and included battery cable) is the 18650 battery, battery holder and SMA cable (details provided in release notes)

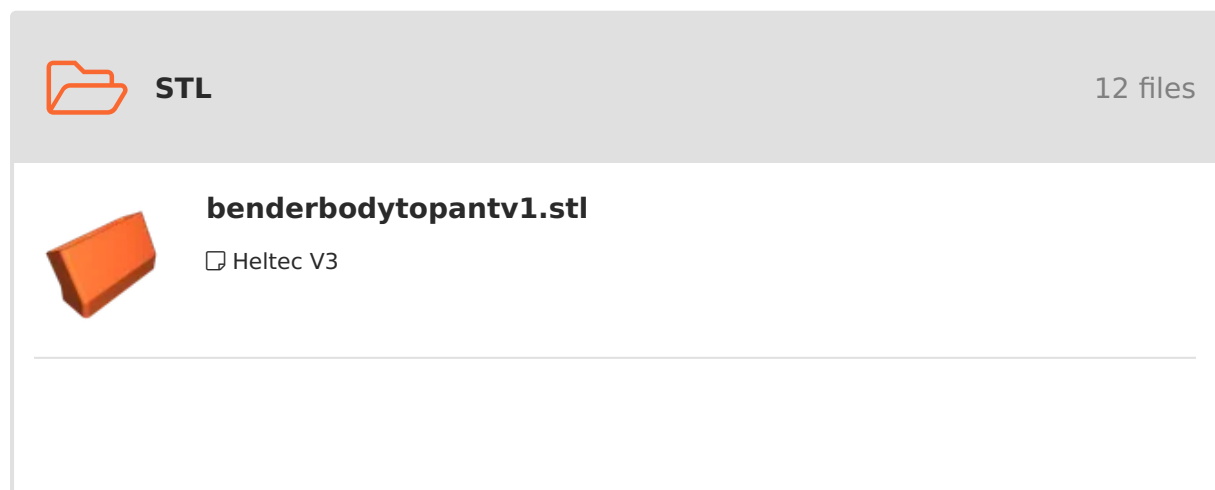
The 3MF files contain custom support blockers/enforcers and are the best choice.

If you do not have a 3D printer you can [purchase a Bender case with all hardware \(minus the Heltec\) from my site HERE](#).

Want to learn more about getting started with Meshtastic? Check out The Comms Channel playlist of excellent [videos here](#).

THESE FILES ARE FOR YOUR OWN PERSONAL USE. NOT TO BE USED COMMERCIALY. NOT TO BE RE-SOLD. YOU ARE NOT PERMITTED TO SELL 3D PRINTS OF BENDER. DON'T BE ONE OF THOSE PEOPLE :-)

Model files





benderbodysideantv1.stl

☐ Heltec V3



benderfrontwswitchv1nom.stl

☐ Heltec V3

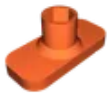


benderfrontv1nom.stl

☐ Heltec V3

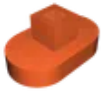


benderbackcoverv2.stl



bendersmahextoolv1.stl

☐ Heltec V3 / Heltec T114



benderfrontswitchv1.stl

☐ Heltec V3 / Heltec T114



bendert114bodytopv1.stl

☐ Heltec T114



bendert114bodysidev1.stl

☐ Heltec T114



bendert114frontscreenwswv1.stl

☐ Heltec T114



bendert114frontnoswv1.stl

☐ Heltec T114



bendert114solarstopperv1.stl

☐ Heltec T114



3MF

12 files



benderbodytopantv1.3mf

☐ Heltec V3



benderbodysideantv1.3mf

☐ Heltec V3



benderfrontwswitchv1nom.3mf

☐ Heltec V3



benderfrontv1nom.3mf

☐ Heltec V3



benderbackcoverv2.3mf



benderfrontswitchv1.3mf

☐ Heltec V3 / Heltec T114



smahextoolv2.3mf

☐ Heltec V3 / Heltec T114



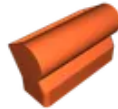
bendert114fronttwswitchv1.3mf

☐ Heltec T114



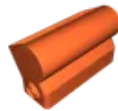
bendert114frontnoswitchv1.3mf

☐ Heltec T114



bendert114bodytopv1.3mf

☐ Heltec T114



bendert114bodysidev1.3mf

☐ Heltec T114



bendert114solarstopperv1.3mf

Other files



benderreleasenotes.txt

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