



Lilygo T-Beam V1.x TB1 Case by Alley Cat



Alley Cat

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Summary

READ THE DESCRIPTION! I made a case for the Lilygo TBeam V1.x. It has slots to strap it to things.

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Tags: [case](#) [enclosure](#) [communicator](#) [molle](#) [lora](#) [tbeam](#)
[lilygo](#) [meshtastic](#) [alleychat](#) [meshcore](#)

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Suggested Print Settings:

Material: **PLA+** or **PETG**

Nozzle: **0.4mm**

Extrusion Width **0.4mm**

Layer Height: **0.2mm**

Perimeters: **3**

Infill: **20%**

Top/Bottom Layers: **5**

Support Material: **None**

3D Printing Disclaimer:

Thank you for downloading my CAD design! I want to assure you that extensive testing and iteration went into creating this design. However, please keep in mind that 3D printing involves a wide range of variables, including different types of filament, printer settings, and calibration levels. These factors can significantly impact the final print.

Before concluding that the design is flawed, I encourage you to:

- **Check your printer calibration:** Ensure your printer is properly calibrated.
- **Adjust print settings:** Try changing the print settings to achieve better results.
- **Resize the model:** Scaling the model up or down slightly may resolve fit issues.

If you encounter any issues or need assistance, please feel free to reach out to me. I am here to help and can provide guidance to achieve the best results. Claiming a design is bad without considering these variables does a disservice to the community and may discourage others from trying a design that could work perfectly with minor adjustments.

Thank you for your understanding and cooperation. Happy printing!

Description:

Custom case for the T-Beam V1.x. Requires 4 M2x6 bolts, 2 M3x8 bolts and 2 M3 nuts or Heat Set Inserts. The slots are spaced to be compatible with molle webbing.

T-Beam Affiliate Link: [Buy a T-Beam](#)


Design Updates:


20 July 2024: Added vertical clips that use Baofeng UV5R compatible clips.


2 June 2024: ALL NEW! Updated just about every detail to match the new design of the Supreme, versions for all configurations of V1.x with or without external SMA and 0.96 inch OLED. Also an option for heat set inserts.


Video:


Model files


 **Front** 8 files

**alley-chat-tb1-front-ridges.stl**
☐ Built in SMA and 0.96 inch OLED

**alley-chat-tb1-front-smooth.stl**
☐ Built in SMA and 0.96 inch OLED

**alley-chat-tb1-front-ridges-no-display.stl**
☐ Built in SMA no OLED

**alley-chat-tb1-front-smooth-no-display.stl**
☐ Built in SMA no OLED

**alley-chat-tb1-front-ridges-sma.stl**
☐ External SMA and 0.96 inch OLED



alley-chat-tb1-front-smooth-sma.stl

☐ External SMA and 0.96 inch OLED



alley-chat-tb1-front-ridges-no-display-sma.stl

☐ External SMA no OLED



alley-chat-tb1-front-smooth-no-display-sma.stl

☐ External SMA no OLED



Back

2 files



alley-chat-tb1-back-nuts.stl

☐ M3x2.4mm Nuts



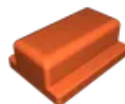
alley-chat-tb1-back-inserts.stl

☐ 4.5mm holes for M3 Heat Set Inserts



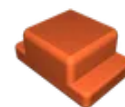
Buttons

2 files



alley-chat-tb1-user-button.stl

☐ Need 2



alley-chat-tb1-reset-button.stl



Mounts

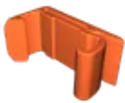
10 files



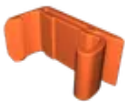
alley-cat-desk-clip-petg.stl



alley-cat-desk-clip-pla.stl



alley-cat-molle-clip-petg.stl



alley-cat-molle-clip-pla.stl



alley-cat-vertical-molle-clip-a-petg.stl



alley-cat-vertical-molle-clip-a-pla.stl



alley-cat-vertical-molle-clip-b.stl

☐ This one is fine in PLA+ and PETG



alley-cat-t-beam-tripod-mount.stl



alley-chat-beam-baofeng-clip-nuts.stl

☐ Requires UV5R compatible clip, M2.5x5mm screws and M2.5 nuts



alley-chat-beam-baofeng-clip-inserts.stl

☐ Requires UV5R compatible clip, M2.5x5mm screws and M2.5 heat set inserts

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