



Lilygo T-Beam SUPREME TS2 Case by Alley Cat



Alley Cat

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Summary

READ THE DESCRIPTION! I made a new case for the TBeam SUPREME.

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This is an updated version of my TS1 case. The biggest change is the ends come down from the front the same way as the TB1 and the upcoming RAK case for consistent styling and function. This one **doesn't** require you to remove the SMA nut to install, just move the GPS antenna the end, same as on the TS1 and then you can drop it in SMA first and then the USB side swings down in and clips in place. Hopefully I will be able to make a video soon. Also there is not a built in mount thread anymore, but there is a clip that has a lot of thread mount angles in one. You can use nuts or heat set inserts, and there are three antenna hole options for different antenna diameters. Make sure you look closely at all the options and accessories. I will try to include more info soon.

Heat Set Inserts

There are 4 options for button configuration, reset button is always low:

A - Middle button is higher

B - Side button is higher

C - Both buttons are higher

D- No buttons are higher

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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:


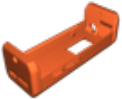
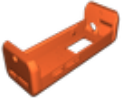
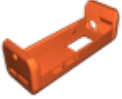
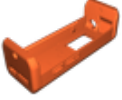
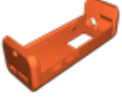
- **Check your printer calibration:** Ensure your printer is properly calibrated.
- **Adjust print settings:** Try changing the print settings to achieve better results.

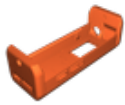
- **Resize the model:** Scaling the model up or down slightly may resolve fit issues.

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!

Model files

	Front	6 files
	alley-chat-ts2-front-ridges-10mm.stl	
	alley-chat-ts2-front-ridges-13mm.stl	
	alley-chat-ts2-front-ridges-15mm.stl	
	alley-chat-ts2-front-smooth-10mm.stl	
	alley-chat-ts2-front-smooth-13mm.stl	

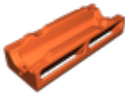


alley-chat-ts2-front-smooth-15mm.stl



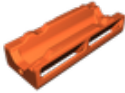
Back

2 files



alley-chat-ts2-back-nuts.stl

☐ M3x8mm screws and M3x2.4mm nuts



alley-chat-ts2-back-inserts.stl

☐ M3x8mm screws and M3 heat set inserts



Buttons

4 files



alley-chat-tsx-buttons-a.stl



alley-chat-tsx-buttons-b.stl



alley-chat-tsx-buttons-c.stl



alley-chat-tsx-buttons-d.stl

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