



12V Relay Box for Bias Lighting



LastByte

[VIEW IN BROWSER](#)

updated 27. 3. 2022 | published 27. 3. 2022

Summary

Self contained relay box for bias lighting systems that require 12V but still need USB to signal when the TV is on.

[Gadgets](#) > [Other Gadgets](#)

Tags: [led](#) [lighting](#) [tv](#) [12v](#) [bias](#)

When LED strips for bias lighting becomes too long you can no longer use the 5V provided by the TV you will need an extra 12V power source with 12V LEDs. This relay box allows you to still use the TVs 5V power to signal the 12V power source to give the LEDs power when the TV is turned on.

The materials are below:

[Relay](#)

[Male Barrel Connector](#)

[Female Barrel Connector](#)

[M3 Threaded Inserts](#)

[Grommets](#)

Model files



box.stl



lidv1.stl

License ©

This work is licensed under a
[Creative Commons \(4.0 International License\)](https://creativecommons.org/licenses/by-nc/4.0/)



Attribution-NonCommercial

-
- ✗ | Sharing without ATTRIBUTION
 - ✓ | Remix Culture allowed
 - ✗ | Commercial Use
 - ✗ | Free Cultural Works
 - ✗ | Meets Open Definition