



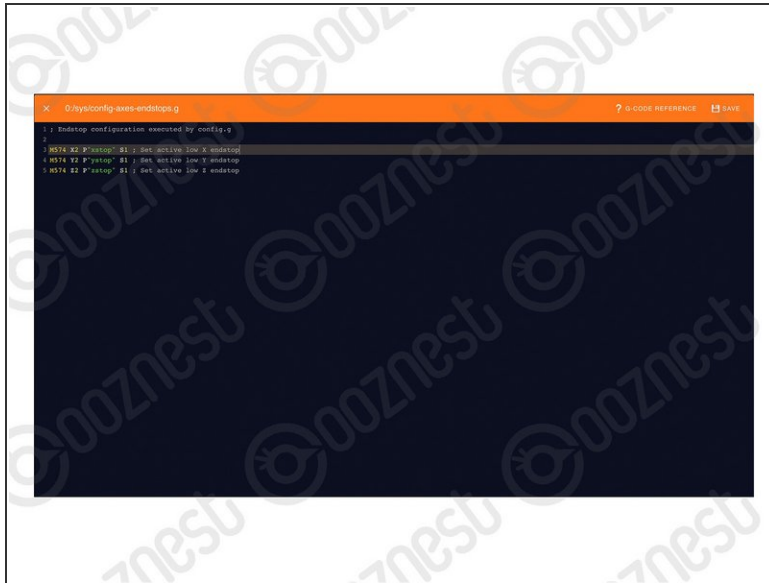
How To Invert Limit Switches

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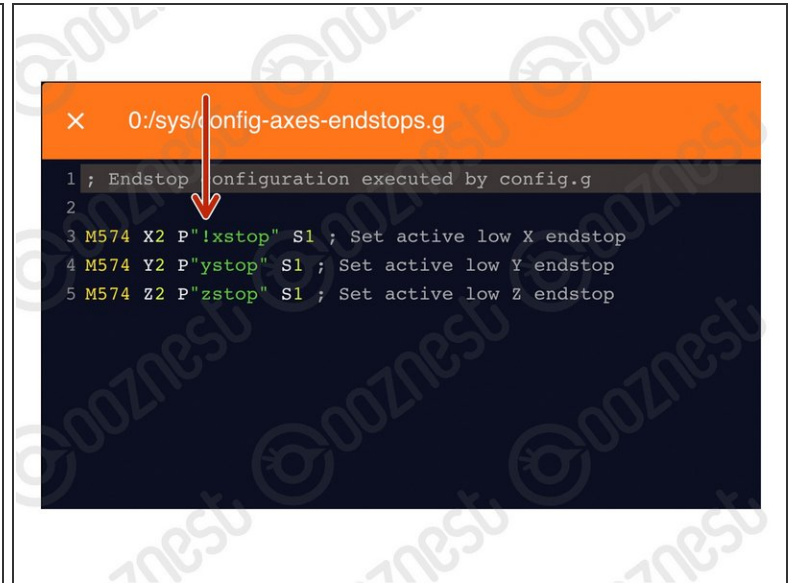
A screenshot of a terminal window with an orange title bar. The title bar contains a close button, the file path "0:/sys/config-axes-endstops.g", a help icon, "G-CODE REFERENCE", and a save icon. The terminal content shows a list of G-code commands for configuring endstops. Line 1 is a comment, line 2 is empty, and lines 3-5 are M574 commands for X, Y, and Z axes respectively, all using S1 and active low settings.

```
1 ; Endstop configuration executed by config.g
2
3 M574 X2 P"xstop" S1 ; Set active low X endstop
4 M574 Y2 P"ystop" S1 ; Set active low Y endstop
5 M574 Z2 P"zstop" S1 ; Set active low Z endstop
```

Step 1 — Invert Limit Switches



```
0:/sys/config-axes-endstops.g
; Endstop configuration executed by config.g
M574 X2 P"xstop" S1 ; Set active low X endstop
M574 Y2 P"ystop" S1 ; Set active low Y endstop
M574 Z2 P"zstop" S1 ; Set active low Z endstop
```



```
0:/sys/config-axes-endstops.g
; Endstop configuration executed by config.g
M574 X2 P"!xstop" S1 ; Set active low X endstop
M574 Y2 P"ystop" S1 ; Set active low Y endstop
M574 Z2 P"zstop" S1 ; Set active low Z endstop
```

❗ If your limit switches are showing as 'Triggered' when they are not physically pressed, but change to 'Not-Triggered' when pressed, please complete the steps below.

- Under File Management > System click on 'config-axes-endstops.g'
 - Invert the limit switch by adding a '!' in-front of the pin name.
 - For example in Image 2 we have inverted the X-Axis Limit Switch.
 - Save the file.

⚠ Press the software emergency stop in the top right corner to restart the controller.

Thanks for following the guide. Any issues, please contact us!