How To Connect A Software Emergency Stop Button

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Step 1 — Wiring
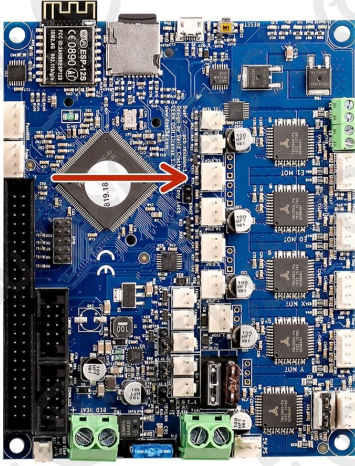
- ⓘ This guide is not for WorkBee Z1+ Owners. The Emergency Stop on the WorkBee Z1+ is pre-wired inline with the Power Supply.

- 🔴 Wire the Emergency Stop into the Extruder 1 Stop input on the controller.

- ⚫ The two wires go into the outside pins, leaving the middle empty.

- ⓘ Polarity is not a concern.

Step 2 — Programming – Normally Closed

ⓘ This will configure a Normally Closed Emergency Stop. For a Normally Open Stop proceed to Step 3.

● Under File Management > System click on 'config-user-settings.g'. Then add the following lines

  ● ; Configure Software Emergency Stop

  ● M950 J1 C"!e1stop" ; Configure Pin

  ● M581 P1 T0 S0 ; Configure External Emergency Stop

  ● M582 T0 ; Check External Trigger

● Press Save.

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

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Step 3 — Programming – Normally Open

ⓘ This will configure a Normally Open Emergency Stop.

● Under File Management > System click on 'config-user-settings.g'. Then add the following lines

  ● ; Configure Software Emergency Stop

  ● M950 J1 C"e1stop" ; Configure Pin

  ● M581 P1 T0 S0 ; Configure External Emergency Stop

  ● M582 T0 ; Check External Trigger

● Press Save.

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

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

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