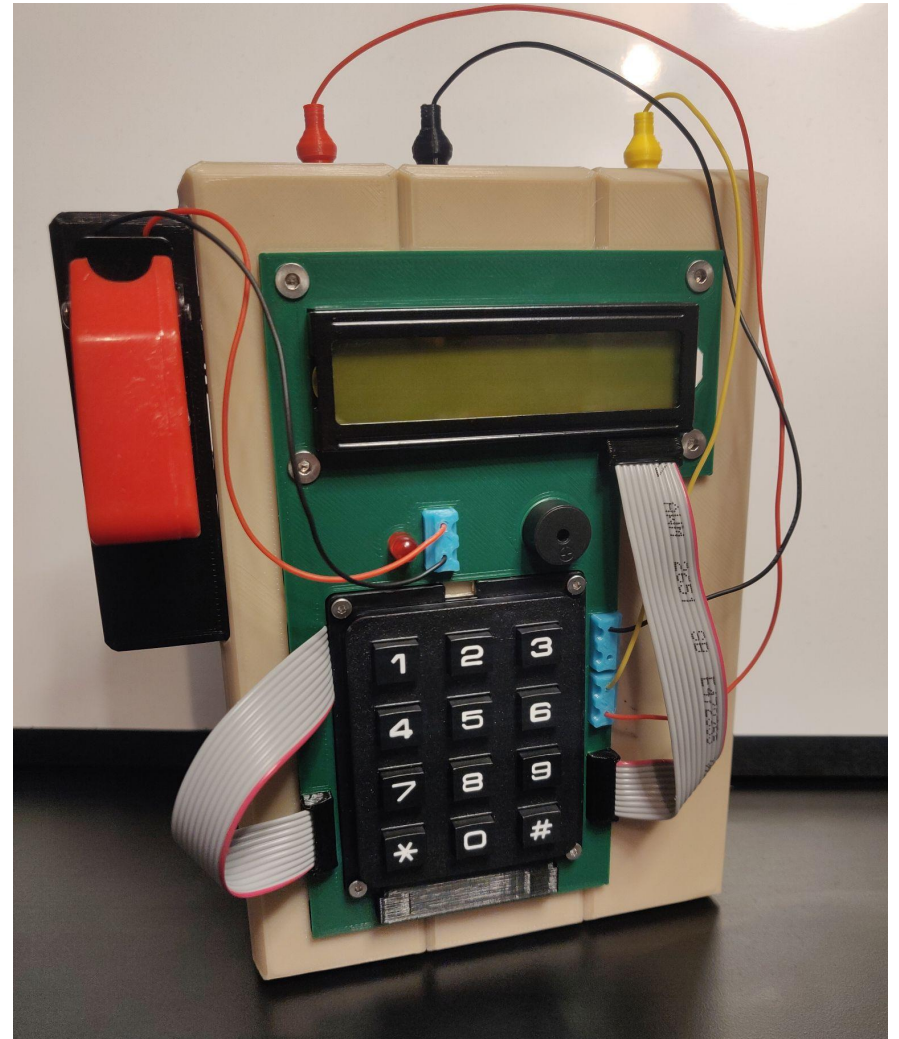
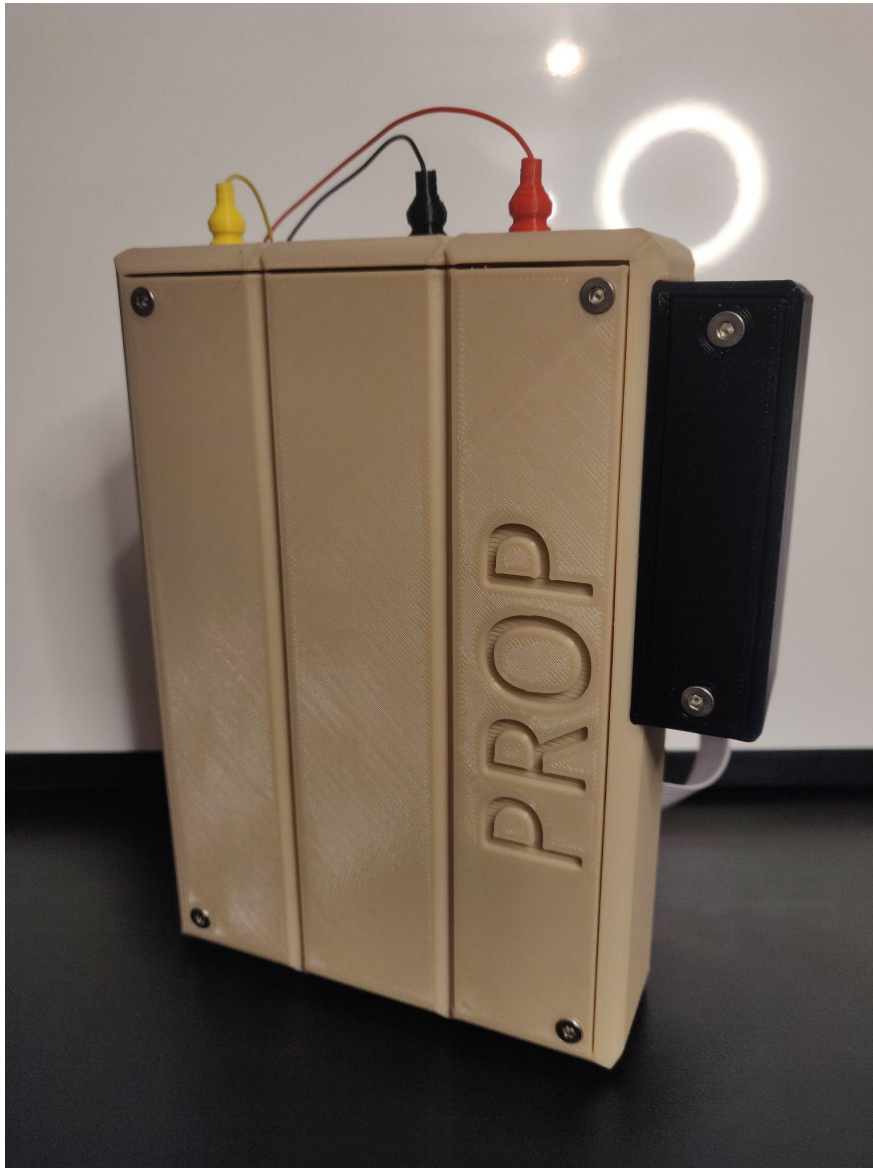


MindTrip Studios C4 Prop

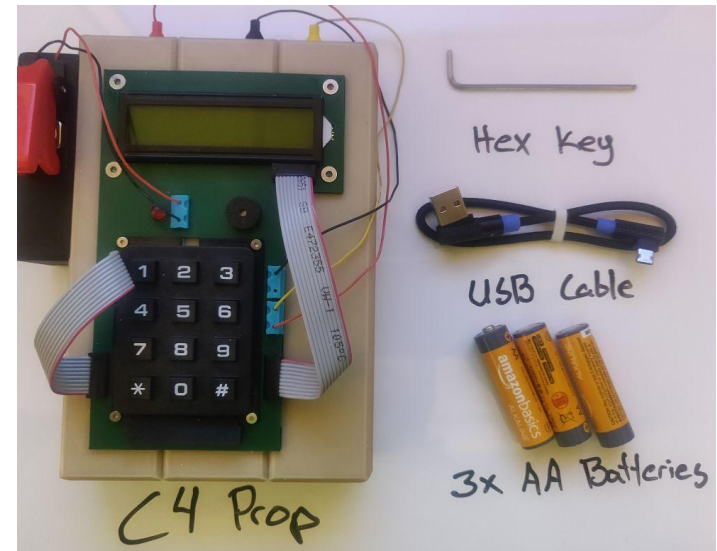
Owners Manual



MindTrip Studios



What is in the box?



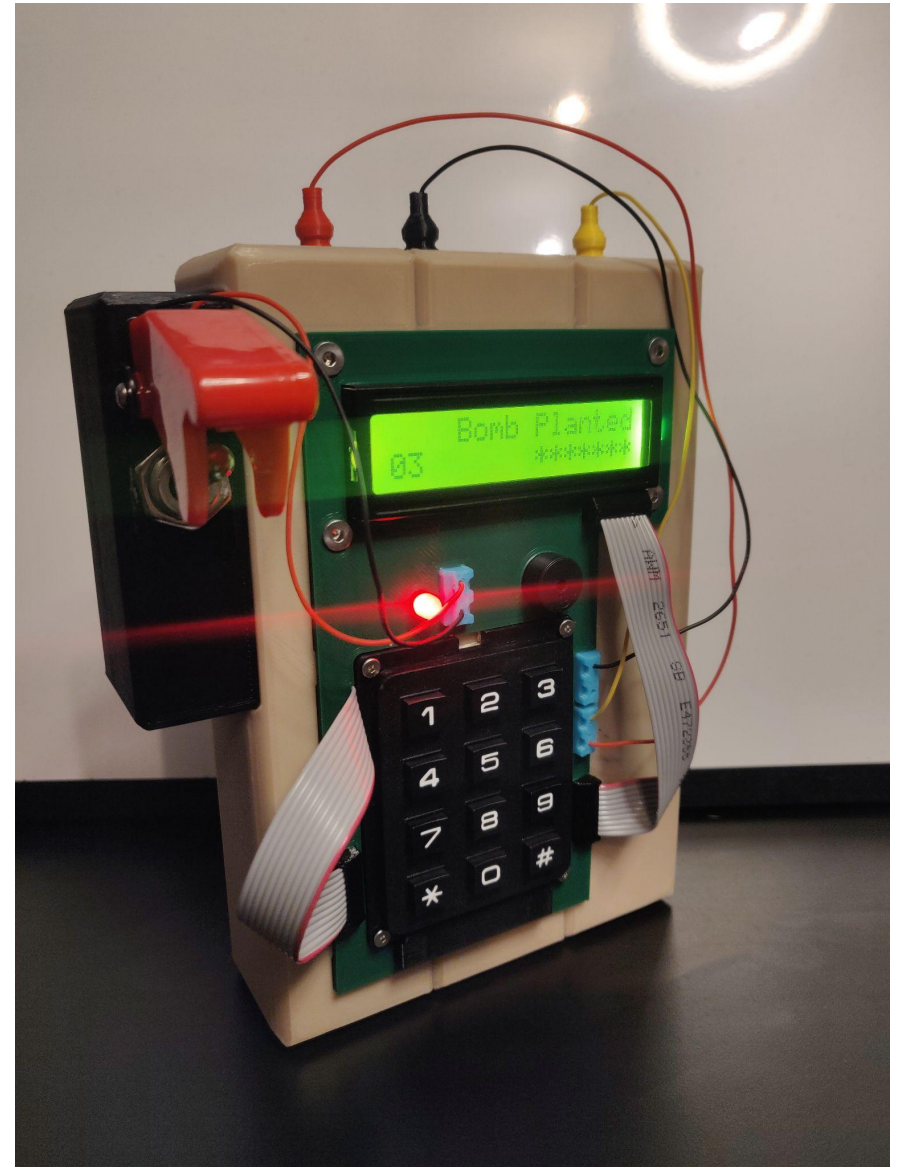
Item	Use
Hex Key	Opening the back to replace batteries
USB cable	Updating firmware on the Raspberry Pi Pico
3x AA Batteries	Power
C4 Prop	

A quick disclaimer to get out of the way

Although this is a prop, its appearances may be alarming to some people. Be careful about where you take this and how you use it. MindTrip Studios is not responsible for any trouble you may find yourself in due to its appearances.

A huge “Thank You” from the small team at MindTrip Studios!

We have worked hard to bring this C4 prop to life over the span of a few months and we want to personally thank you for thinking our work is as cool as we do! It has been a blast learning new things and putting our knowledge to the test as we developed this prop. We hope you get as much enjoyment out of it as we do, whether it be to use it in search and destroy airsoft games or just to display it as a really cool prop.



Using the prop

1. Flip red switch cover up and flip switch up to turn on
2. Enter code - 7355608 by default
 - If code is entered improperly, it will ask again
 - Use “*” to backspace
 - Use “#” to clear
3. Countdown will begin - 30 seconds by default
 - If code is entered again, C4 will be defused and show remaining time
 - If code is entered wrong, C4 will show “WRONG CODE!” animation on LCD
 - If time runs out, C4 will also show “BOOM” animation
4. C4 will hold on end screen until turned off and on again

Changing settings

Hold down “#” from the “Enter Code” screen.

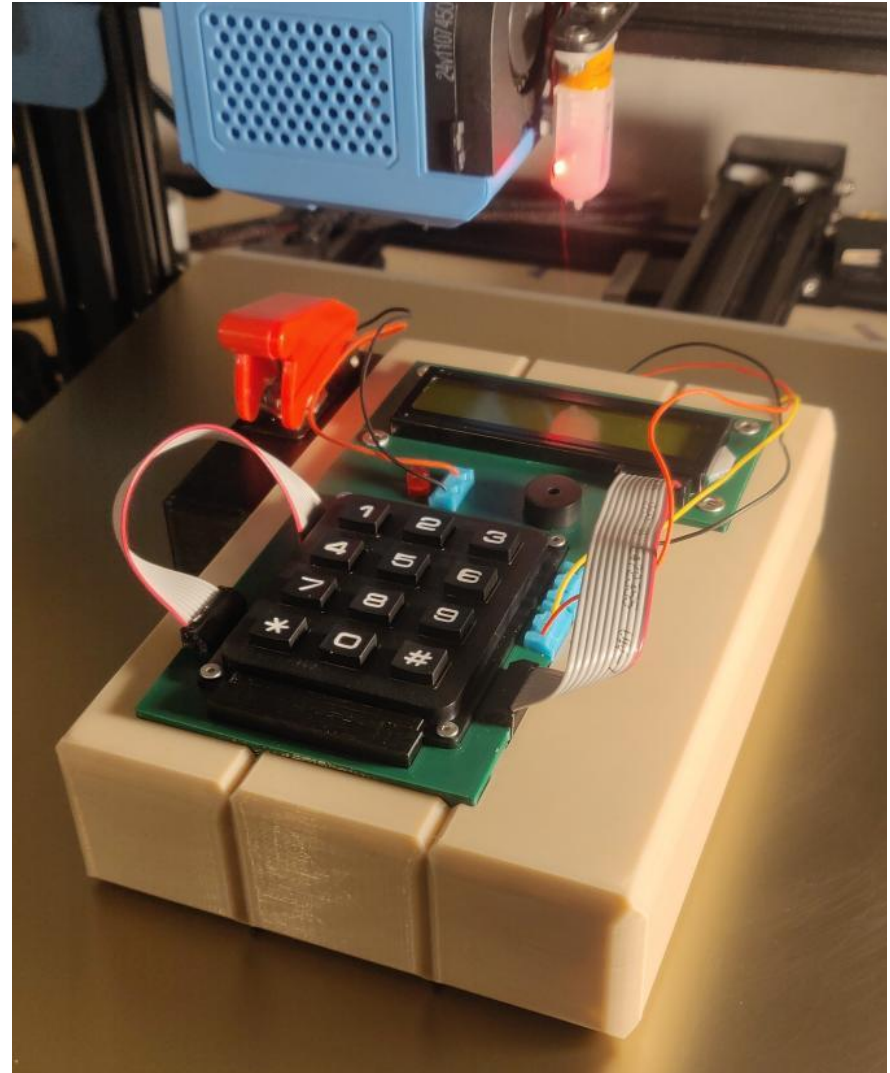
Once in the settings screen, you can use “*” to switch between “timer” and “code” and “#” to select the setting to edit.

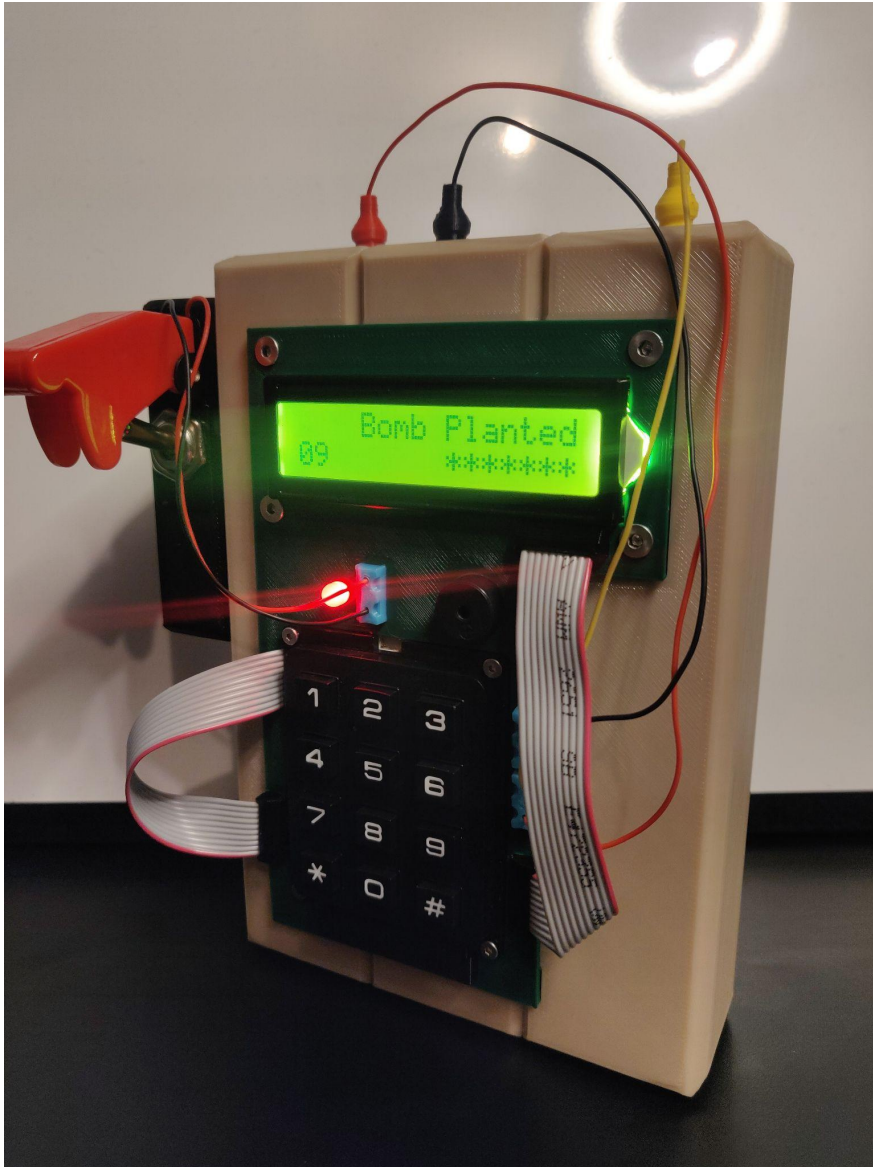
You will see the arrow “>” switch to a dash “-” while editing a setting. When you are editing a setting, type the new numbers and when the field is full, it will automatically switch back to an arrow “>” indicating that the setting was saved.

The timer setting is always four numbers long so if you wish to have it less than 10 seconds, enter three 0s first. Input is in seconds and will be converted to minutes and seconds when used.

The code setting is always seven numbers long.

Hold “*” when not editing a setting to go back to the “Enter Code” screen





Changing the batteries

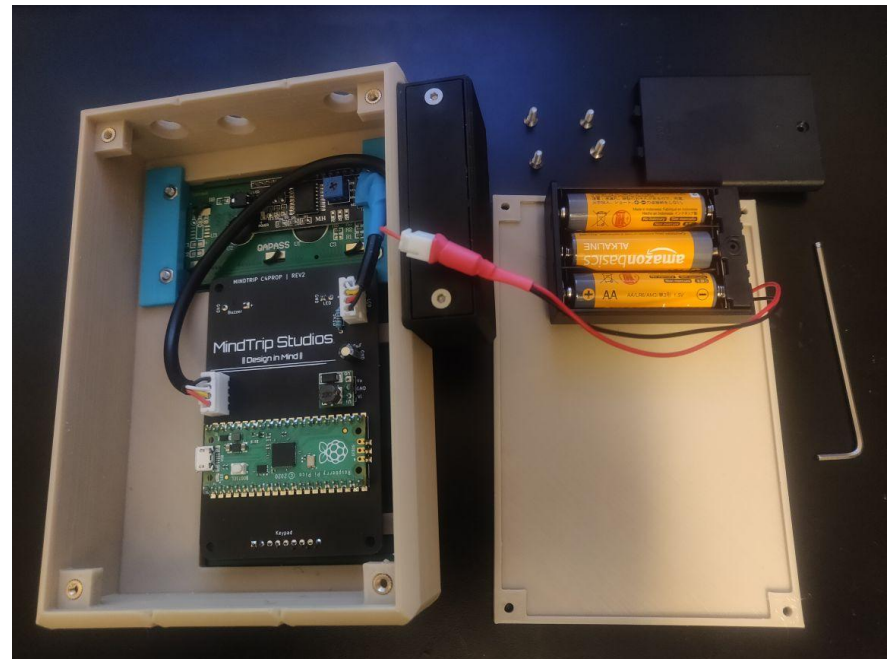
Open the rear of the prop using the included hex key. Carefully tip the prop right side up to tip the rear cover off.

Be careful not to lose any of the hex screws!

The battery compartment is attached with a wire to the rest of the prop and secured on the back cover. Open the prop like a book carefully to avoid breaking any wires.

Slide the battery cover off and replace the batteries.

When re-assembling to make sure the wires don't get pinched.



Updating the firmware

Your device shipped with firmware version 2.0.0

We ship all devices with the currently available firmware that we keep open source on GitHub. You can find detailed instructions on updating the firmware over on our GitHub page by either scanning the QR code below or going to the link. We include an appropriate USB cable with each prop for updating the firmware if you wish to do so but every prop that we ship should work out of the box with no tinkering.

<https://github.com/MindTripStudios/C4-Prop-Firmware>



WARNING: Do not plug in the USB while the battery is attached and on! This **WILL** break your device!