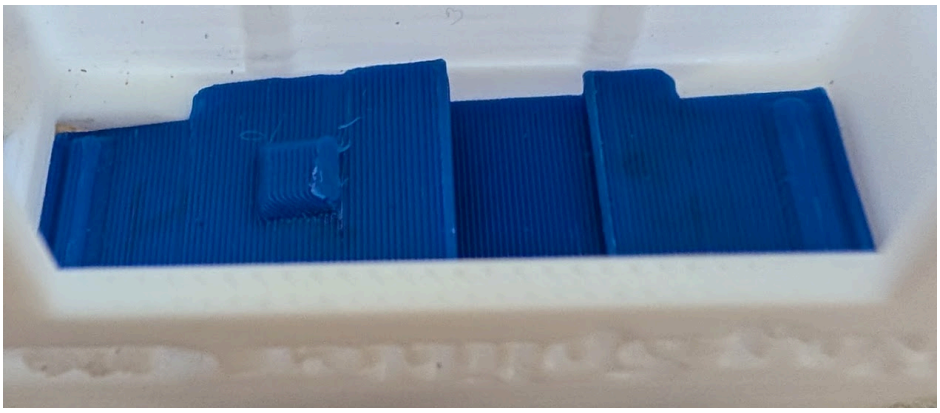
Hog Splitter Pro User Guide

1. Disassembly/Assembly

   To remove the timer module from the 3D-printed housing:
   1. Insert a sturdy string (shoelace works well) through the holes at the bottom of the unit
   2. Pry the locking tab back while pulling hard with the string, applying even force straight out of the housing

   The housing is friction-fit and can be difficult to remove.

   To re-assemble the Hog Splitter Pro:
   1. Insert the button pieces as shown. The orientation and layering must be correct or the buttons will not work.

   2. Insert the timer module into the housing, taking care to use the correct orientation and without disturbing the buttons. When fully inserted, you will hear a click as the locking tab moves into place.

2. Charging & Battery

- The Hog Splitter Pro must be fully charged before each game. Unplugging a fully-charged unit right before your game is the best way to ensure maximum battery life.
- The battery life is usually 2-3 hours depending on conditions.
- Any 1-amp USB-C charger should work
- Charging can take 3-4 hours
- When the unit is charging, you will see a red light near the bottom of the unit
- When the device is plugged in, it will turn on automatically. No need to turn it off.

Quirks:

- The battery percentage indicator only updates when the screen updates. Therefore, it may show a percentage lower than the actual charge percentage until you turn on the unit and refresh the screen.
- The battery percentage indicator is not very accurate. You may see drastic fluctuations in battery percentage. You may even see the percentage increase, even when it is not plugged in!

3. Operation

- To **power on**, hold the button on the lower-right side of the unit for about 1 second, until you see the screen start flashing. The unit will boot up - this takes

about 10 seconds. The stopwatch is ready to use when you see 0.00 on the display.

- To **power off**, hold the wheel-looking button on the upper-right side of the unit for about 1 second, until you see a power off message on the screen.

- To **reset**, use a pin to push the reset button on the back of the unit. This may fix any quirky behavior (or it might not, good luck!)

- To increase or decrease the beeper volume, rock the wheel-looking button up or down while the unit is on. The unit will beep at the new volume level.

Timing Operation

- The top two 3D-printed buttons have the same function. The left button uses a lever to actuate the physical button on the timer module, so it's somewhat less reliable and might require more force.
- Each time you press one of the top buttons, the screen will update. The large number display shows the number of seconds between the *most recent two button presses*. However, the display will ignore any times that are less than half a second or greater than 30 seconds.
- If a time is measured between half a second and 20 seconds, it will stay in the history. The history shows 6 rows of times.
- Any time in the history that is less than 5.5 seconds will appear in the left column of the history.
- Any time in the history that is greater than 5.5 seconds will appear in the right column of the history.
- If a time is collected which falls into the left side is followed by a time which falls into the right side, then they will pair up in the same row of the history. This allows the user to pair up a "short time" and a "long time" for the same curling shot.
- There is no concept of "resetting" after taking a time. Because the main display always shows the time between the most recent button presses, resetting is not necessary.

Questions/Comments/Issues? Contact Trevor Gau.
281-377-5337
trevorsg@gmail.com