The Solarbotics Arduino/ Freeduino Enclosure

Clever eh? Took us much less time to come up with the name than the design time to get this *juuust* right. Feel free to cut your own S.A.F.E. with this design file!

Parts required:

- 3mm Acrylic
- 8 x #4-40 x 3/8 bolts
- 8 x #4-40 Hex Nuts
- 4 x #4 Nylon spacers
- 4 x Little Rubber Feet (aka: LRF)

For easy assembly, follow these steps:

1) Place the spacers on the Baseplate then screw the Arduino / Freeduino to it with 4 of the #4-40 bolts.

2) Put the power switch tab on the power switch (Freeduino only).

3) Slide the nuts into the T-Slots, and screw down the sides, and then the top.

   Note: If it's hard to insert the nuts, try putting them in from the *other side.* Lasering makes one side a bit more open than the other.

4) Nest together the 4 pieces that make up the walls of the enclosure (*not* on the baseplate). Make sure the faceplate is right-side-up & out.

5) While tilting the 4-piece assembly, slip the faceplate onto the Arduino/Freeduino & power switch, and then rotate the assembly down flat into the slots on the baseplate. The just thread the remaining screws into the nuts and now the enclosure is finished....well not quite...put a lid on it! No, we're not being rude, just screw down the top plate on the SAFE and it is now complete.
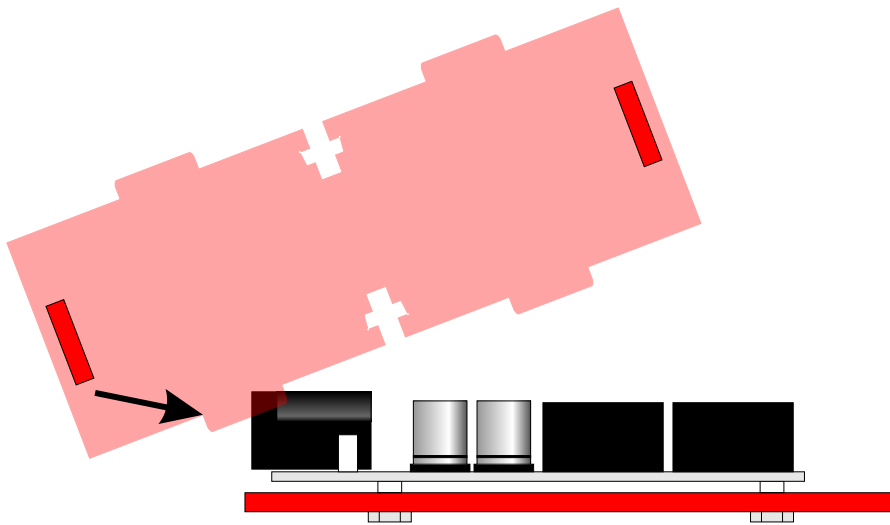
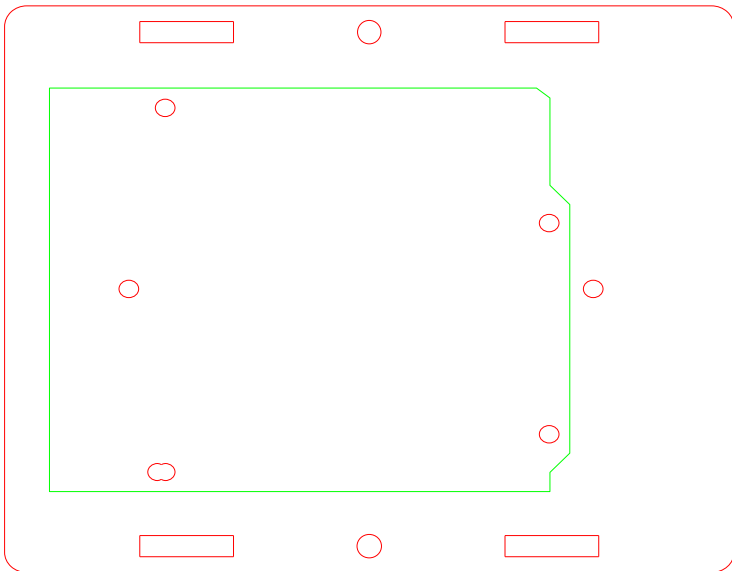Assemble the 4 walls, and install the set by slipping the faceplate over the USB jack and power switch *first.*
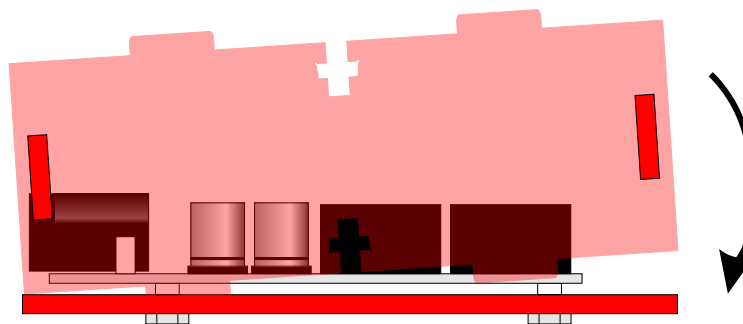
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SOLARBOTICS
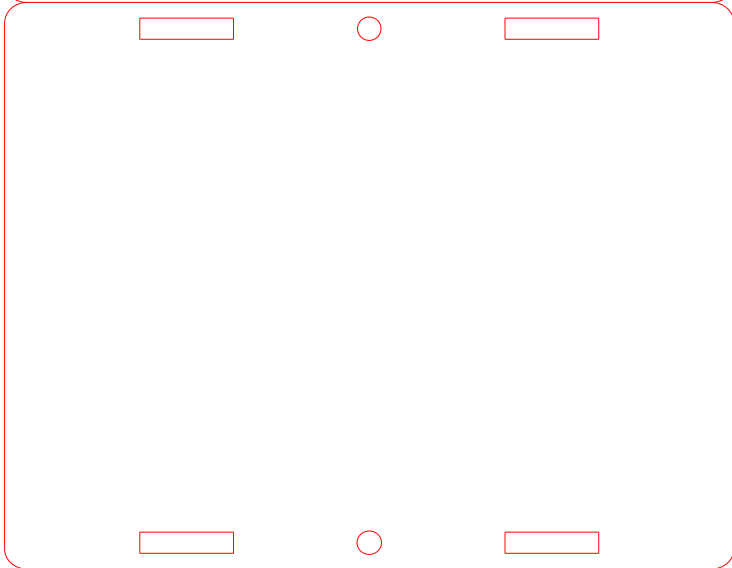www.solarbotics.com
1-866-276-2687

Solarbotics Ltd.
3740D - 11A Street NE, Suite 101
Calgary, Alberta T2E 6M6
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Toll Free: 1-866-276-2687
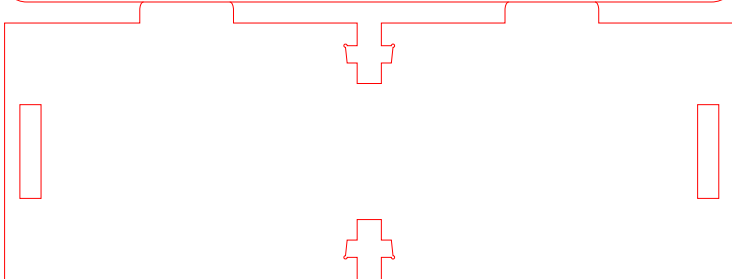International: +1 (403) 232-6268
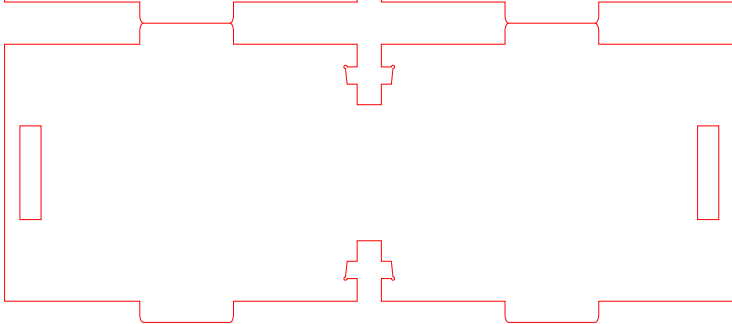Fax: +1 (403) 226-3741

Made in Canada
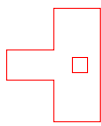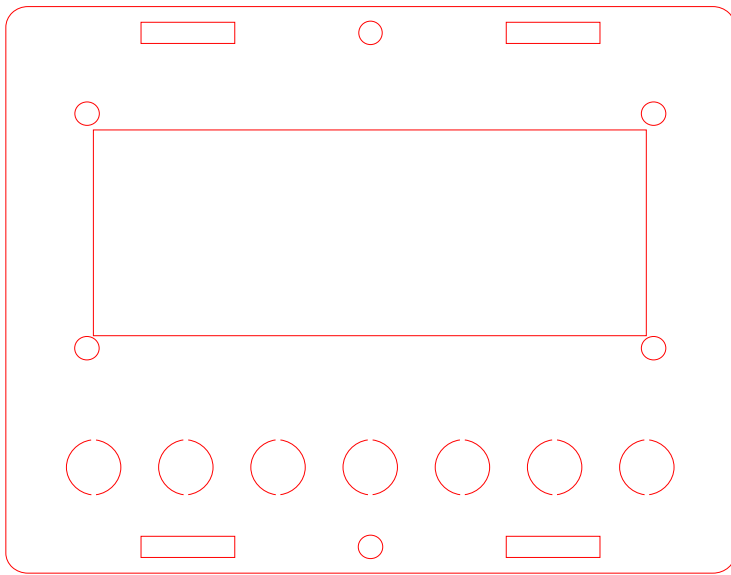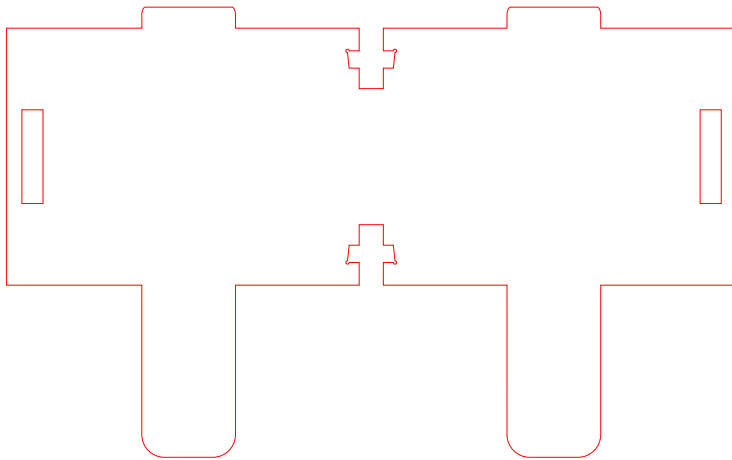
Baseplate with
Arduino outline

Standard top plate

Freeduino
power switch

Side plate

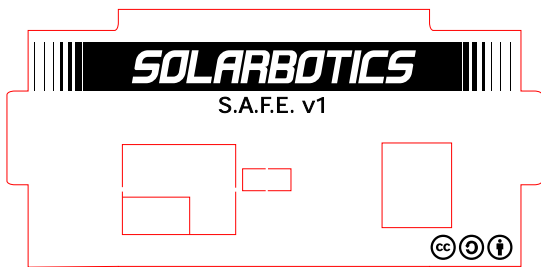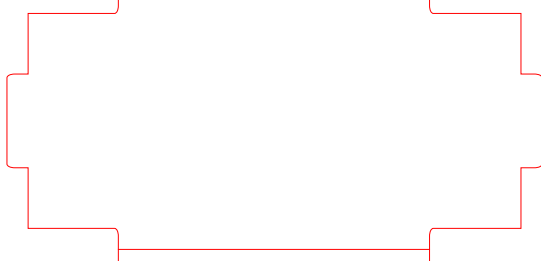Side plate

LCD Top plate
with panel mount button cutouts

"Tall" side plate so
you can nest a 5-cell
AA battery pack underneath

SOLARBOTICS
S.A.F.E. v1

Standard front faceplate
with Arduino / Freeduino
knock-outs

Back plate. The cutouts on
the corners are wire passageways

SOLARBOTICS
Netduino
S.A.F.E. v1
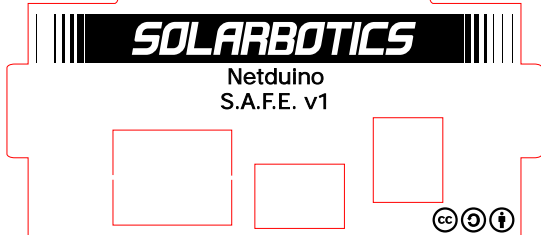
Netduino Plus faceplate
(doesn't fit standard Netduino)