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## Heaterizer XL3000 Operation Instructions

What you are currently holding in your hands is the SparkFun Heaterizer XL3000. This heat gun is capable of shrinking heat-shrink, doing modest amounts of solder rework, and melting things like chocolate and smallish blocks of cheddar cheese. Please use this heat gun for good and not evil.

**Mandatory Safety Warning:** This is a heat gun, not a cold gun. If you have it turned on and grab the hot bits, it'll probably burn you or at least give you a good fright. Don't do it! Also, do not leave it plugged in for long periods of time, use it as a curling iron, or a try it out as a bath toy.

The temperature at the nozzle of this heat gun is as hot as the surface of the sun. Ok, that's not true - but it is hot. Somewhere around 250 °C. That means this could potentially cause fires, burns, and other nasty incidents. Be careful.

We're not sure what your childhood was like, but generally, this doesn't make a good toy for kids. It would behoove you to keep a close eye on any child who is going to use this heat gun.

Don't apply heat to the same spot for long periods of time. Things will likely get meltier than you are bargaining for. Do not use this gun to heat up your food, as tempting as it may be. Do not use this heat gun while you shower or otherwise bathe. Besides the obvious risks of electrocution (water and electricity...), we don't want anyone getting burns "down there." Ouch. Follow these simple instructions to get the most enjoyment out of your Heaterizer XL3000.

### Instructions:

1. Plug 'er in and switch 'er on.
2. Listen to the magnificent power that is the Heaterizer XL3000. Hold Heaterizer XL3000 high over your head and let out a primal scream.
3. Aim the heat gun at whatever you're fixing to heat. This means don't aim it at your hand, or your face, or your cat.
4. Heaterize.
5. Turn off then unplug. Make sure you've given it sufficient time to cool down before you attempt to handle the Heaterizer XL3000.

### Basic Solder Rework:

1. To use Heaterizer XL3000 for solder rework, first follow steps 1 and 2 from above.
2. Aim nozzle at part you are working on, moving the tip in slow circles. Do not hold the gun too long in one place.
3. Solder should begin to reflow in 30-45 seconds.

### If Heaterizer XL3000 Overheats:

Maybe even the Heaterizer XL3000 can be too awesome for itself. Impossible you say? Well, imagine if Chuck Norris roundhouse kicked a cloned Chuck Norris. What would happen? Well, basically that's what can happen when the Heaterizer XL3000 is left on for too long - its own awesomeness becomes too great. If the Heaterizer XL3000 unexpectedly shuts down, wait a few minutes and try again. Do not attempt to roundhouse kick it - or anyone for that matter.