

AFTERLIFE

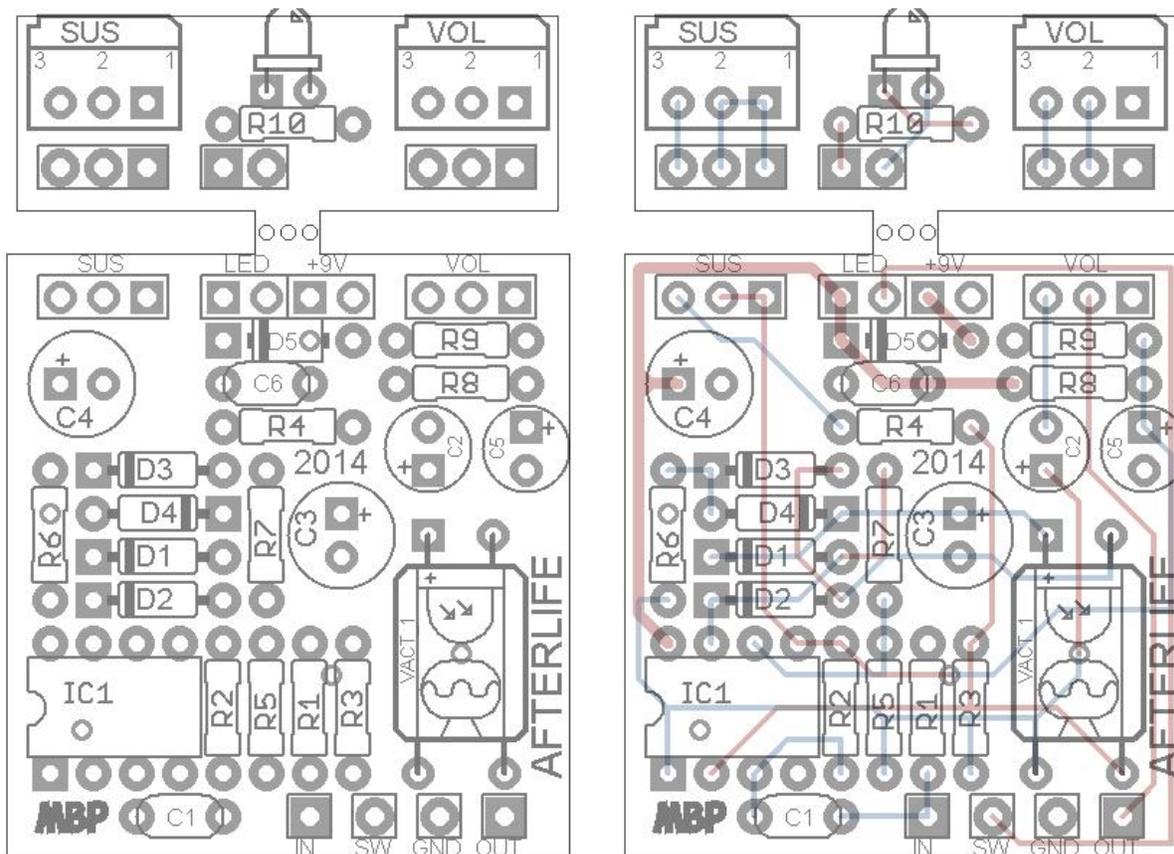
FX TYPE: Compressor

Based on the John Hollis Flatline

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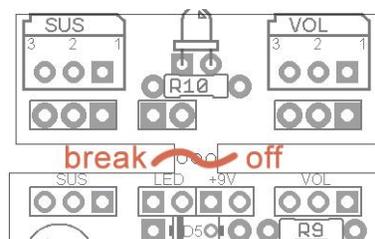
2014 changes: New layout, swapped 1N4001 for 1N5817 polarity protection.

1.3" W x 1.4" H (main board)



The extra small pads on the PCB are vias. You do not need to do anything with them.

Before you start populating, be sure to separate the two boards. The main PCB is for components and the daughter PCB is for the 9mm pots. The LED indicator is also mounted directly to the daughter PCB.



Use an Xacto knife to cut away the excess PCB material, if desired.

Terms of Use: You are free to use purchased **Afterlife** circuit boards for both DIY and small commercial operations. You may not offer **Afterlife** PCBs for resale or as part of a "kit" in a commercial fashion. Peer to peer re-sale is, of course, okay.

| Resistors | | B.O.M. Caps | | Diodes | |
|-----------|------|----------------|-------|---------|--------|
| R1 | 10M | C1 | 1n | D1 - D4 | GE |
| R2 | 10M | C2 | 1uF | D5 | 1N5817 |
| R3 | 220k | C3 | 100uF | IC | |
| R4 | 10k | C4 | 100uF | IC1 | TL072 |
| R5 | 10k | C5 | 10uF | Vactrol | |
| R6 | 330R | C6 | 100n | VACT_1 | VTL5C3 |
| R7 | 47k | | | Pots | |
| R8 | 10k | | | SUS | 100kA |
| R9 | 10k | | | VOL | 100kA |
| R10 | 4k7 | | | | |

| Shopping List | | | |
|---------------|-----|--------------------------|--------|
| Value | QTY | Type | Rating |
| 330R | 1 | Metal or Carbon Film | 1/4 W |
| 4k7 | 1 | Metal or Carbon Film | 1/4 W |
| 10k | 4 | Metal or Carbon Film | 1/4 W |
| 47k | 1 | Metal or Carbon Film | 1/4 W |
| 220k | 1 | Metal or Carbon Film | 1/4 W |
| 10M | 2 | Metal or Carbon Film | 1/4 W |
| 1n | 1 | Film | 16v |
| 100n | 1 | Film | 16v |
| 1uF | 1 | Electrolytic or Tantalum | 16v |
| 10uF | 1 | Electrolytic or Tantalum | 16v |
| 100uF | 2 | Electrolytic | 16v |
| 1n270 | 4 | or, 1n34a | |
| 1N5817 | 1 | | |
| TL072 | 1 | DIP | |
| VTL5C3 | 1 | or, Macron1210CLF-R | |
| 100kA | 2 | 9mm Alpha | |

VTL5C3: <http://www.smallbearelec.com/servlet/Detail?no=347>

Macron 1210CLF-R: <http://www.smallbearelec.com/servlet/Detail?no=1255>

9mm Pots: <http://www.smallbearelec.com/servlet/Detail?no=693>

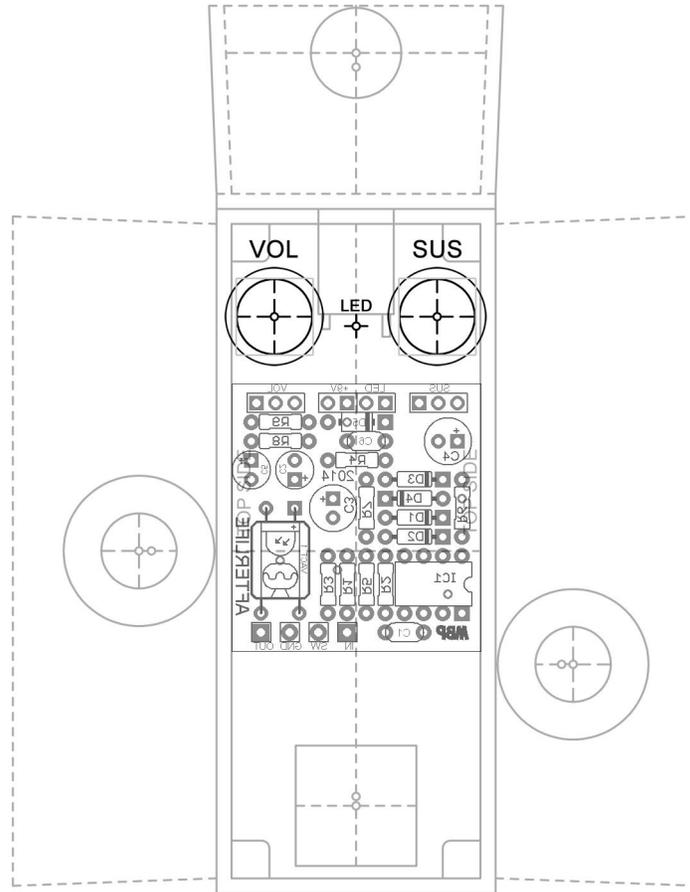
1n270: <http://www.smallbearelec.com/servlet/Detail?no=323>

1n34a: <http://www.smallbearelec.com/servlet/Detail?no=1540>

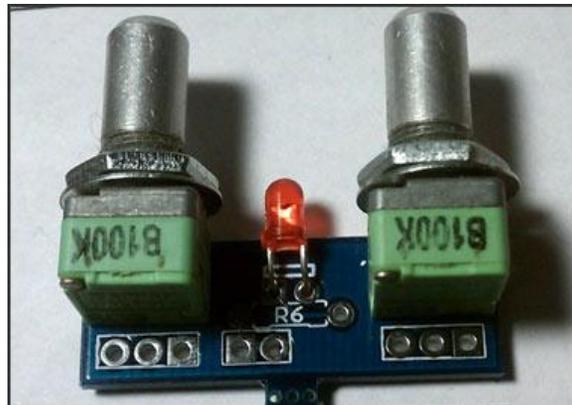
Download the pdf file for the previous version of the Afterlife here (before August 2014):
<http://www.madbeanpedals.com/projects/Afterlife/Afterlife.zip>

1590A Drill Guide

3.6" W x 4.66" H



Your LED should fold over the daughter PCB so that the bulb extends just beyond its edge. This means you will not need to use an LED bezel. Just drill the appropriate size hole for the 3mm LED. Be sure to check your pots and LED up against this template before drilling your holes to ensure that the line up properly.



Download the Photoshop file used to make the drilling template here:
http://www.madbeanpedals.com/projects/Afterlife/Afterlife_Drill.zip

Wiring

