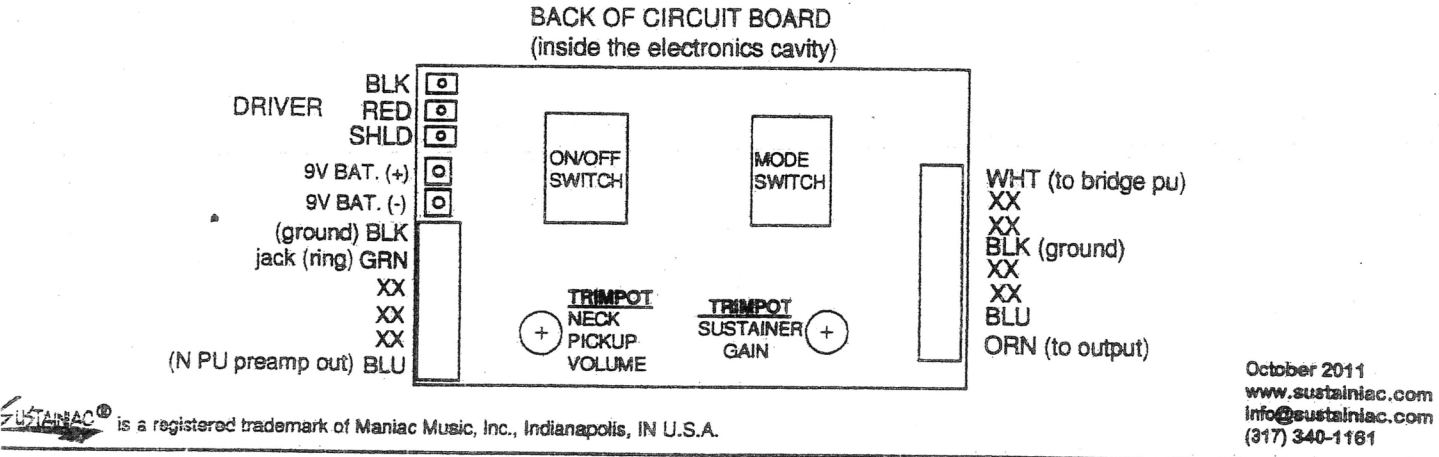


# SYNYSTER CUSTOM-S OWNERS MANUAL

## SUSTAINAC® OPERATING INSTRUCTIONS

- KEEP UNPLUGGED WHEN NOT PLAYING:** When guitar jack is inserted, sustainer is in **STANDBY**. The Sustainiac *magnetic string driver* functions as an active neck pickup when the sustainer is OFF. The neck pickup preamp is operating. Therefore, standby mode uses about 2 milliamperes of battery current. This *standby current* will run down the battery in about 250 hours. Don't leave it plugged in!
- NECK PICKUP VOLUME TRIMPOT** on circuit board: Sets neck pickup volume relative to other pickups. Factory set for good balance.
- SUSTAINER GAIN TRIMPOT** on circuit board: Sets how quickly sustain builds up. Factory set for optimum sustainer gain.
- 9-VOLT BATTERY:** Use only one 9-volt *alkaline* battery. Battery life is about 15-40 hours, depending on how much you use the sustainer. When battery voltage decays to about 7 volts, the neck pickup will quit working. This is the time to replace the battery

**DRIVER AND BRIDGE PICKUP HEIGHTS:** Both the bridge pickup and the Sustainiac driver contribute equally to the response of the sustainer, particularly in *Harmonic Mode*. To increase sustainer response, raise both the driver and bridge pickups closer to the little e-string, and not so close to the big E-string. If the sustain is too strong for your playing style, or if it *fights* you, lower both the driver and bridge pickup a little under both strings. As they get closer to the strings, a small difference in height of either the driver or bridge pickup makes a big difference in sustainer response. Many people who are new to the Sustainiac start out with the driver lower under the strings. But, as they get used to playing with a sustainer, they raise the driver up closer to the strings for more extreme sustain.



SUSTAINAC® is a registered trademark of Maniac Music, Inc., Indianapolis, IN U.S.A.

## USING THE SUSTAINAC® SUSTAINER TO GET INFINITE SUSTAIN, AT ANY VOLUME

- Sustainer placed in **STANDBY** when guitar plug is inserted in jack. **KEEP UNPLUGGED IF NOT PLAYING INSTRUMENT.**
- POWER SWITCH:** ON = **DOWN** position (Only bridge pickup functions when sustainer on, regardless of pickup selector switch setting.)
- HARMONIC MODE SWITCH:**
  - DOWN:** **NORMAL MODE** (mode switch in **DOWN** position): Produces mostly fundamental (normal) infinite string vibration.
  - MIDDLE:** **MIX MODE** (middle position): Produces a combination of fundamentals on high notes, harmonics on lower notes. Similar to natural amp feedback, only much more predictable. Harmonics fade in more slowly.
  - UP:** **HARMONIC MODE** (mode switch up): Notes fade into intense upper harmonic vibration mode. *Metal Madness!*

