



# FRYKLEANER

*Professional Burn-in Generator*



Made in USA

---

## *Copyrights & Trademarks*

© Copyright Hagerman Audio Labs 2012. All rights reserved. No part of this document may be photocopied, reproduced, or translated to another language without the prior written consent. FryKleaner™ is a trademark of Hagerman Technology LLC.

## *Disclaimer*

The information contained in this document is subject to change without notice. Hagerman Audio Labs shall not be liable for errors contained herein or for consequential damages in connection with the furnishing, performance, or use of this material.

## *Warranty*

Hagerman Audio Labs warrants this product free of defects in materials and workmanship for a period of 10 years. If you discover a defect, Hagerman Audio Labs will, at its option, repair or replace the product at no charge to you provided you return it during the warranty period, transportation charges prepaid to Hagerman Audio Labs. This warranty does not apply if the product has been damaged by negligence, accident, abuse or misuse or misapplication, has been damaged because it has been improperly connected to other equipment or has been modified without the express written permission of Hagerman Audio Labs. This warranty is limited to the replacement or repair of this product and not to damage to equipment of other manufacturers. Any applicable implied warranties, including warranty of merchantability, are limited in duration to a period of the express warranty as provided herein beginning with the original date of purchase and no warranties, whether express or implied shall apply to the product thereafter. Under no circumstances shall Hagerman Audio Labs be liable for any loss, direct, indirect, incidental, special, or consequential damage arising out of or in connection with the use of this product.

### **Hagerman Audio Labs**

PO Box 61911

Honolulu, HI 96839

808-383-2704

[www.haglabs.com](http://www.haglabs.com)

# Description

The FryKleaner is a professional rack-mounted cable burn-in generator built to handle a big load, perfect for dealers and manufacturers. The unique analog synthesized waveform utilizes swept and pulsed frequencies from subsonic to ultrasonic, providing a proper balance of signals to break-in both magnetic and electrical properties of cables. In other words, it works both conductors and dielectrics (insulators). Additionally, the outputs can be used for breaking in electronics, such as linestages and amplifiers.

## *Specifications*

Item	Specification
Output Amplitude	2Vrms
Output Impedance	100 ohms
Noise Bandwidth	200Hz to 20kHz
Modulation Range	10Hz to 100Hz
Size	1U rack unit (19" x 1.75")
Power	120V/240V 1W

# Operation

The FryKleaner is easy to use. Connect a set of interconnects or speaker cables, and turn on using the pushbutton. The LED indicates power and flashes during operation. There are two modes of cable burn-in, voltage and current. Both require maximum effectiveness. For voltage mode, connect the cables to the upper row of connectors only. After voltage conditioning, switch to current mode by connecting the open end of the cables to the bottom row. Only the upper row is active. For BNC and XLR cables, the connectors on the left side are active.

## *Voltage Mode*

In voltage mode the cable dielectric is excited by electric fields. Leave the far end of the cable open-circuited. For burning-in amplifiers or linestages, take the signal from one of the top row RCA jacks. Its amplitude is similar to that of a CD player and will not cause any harm to your system.

## *Current Mode*

In current mode, the cable is short circuited, and conductors are exercised via magnetic fields. Short-circuit the far end of the cable or form a loop by returning the cable to the other connector. Current mode is not applicable when using the FryKleaner to burn in amplification.

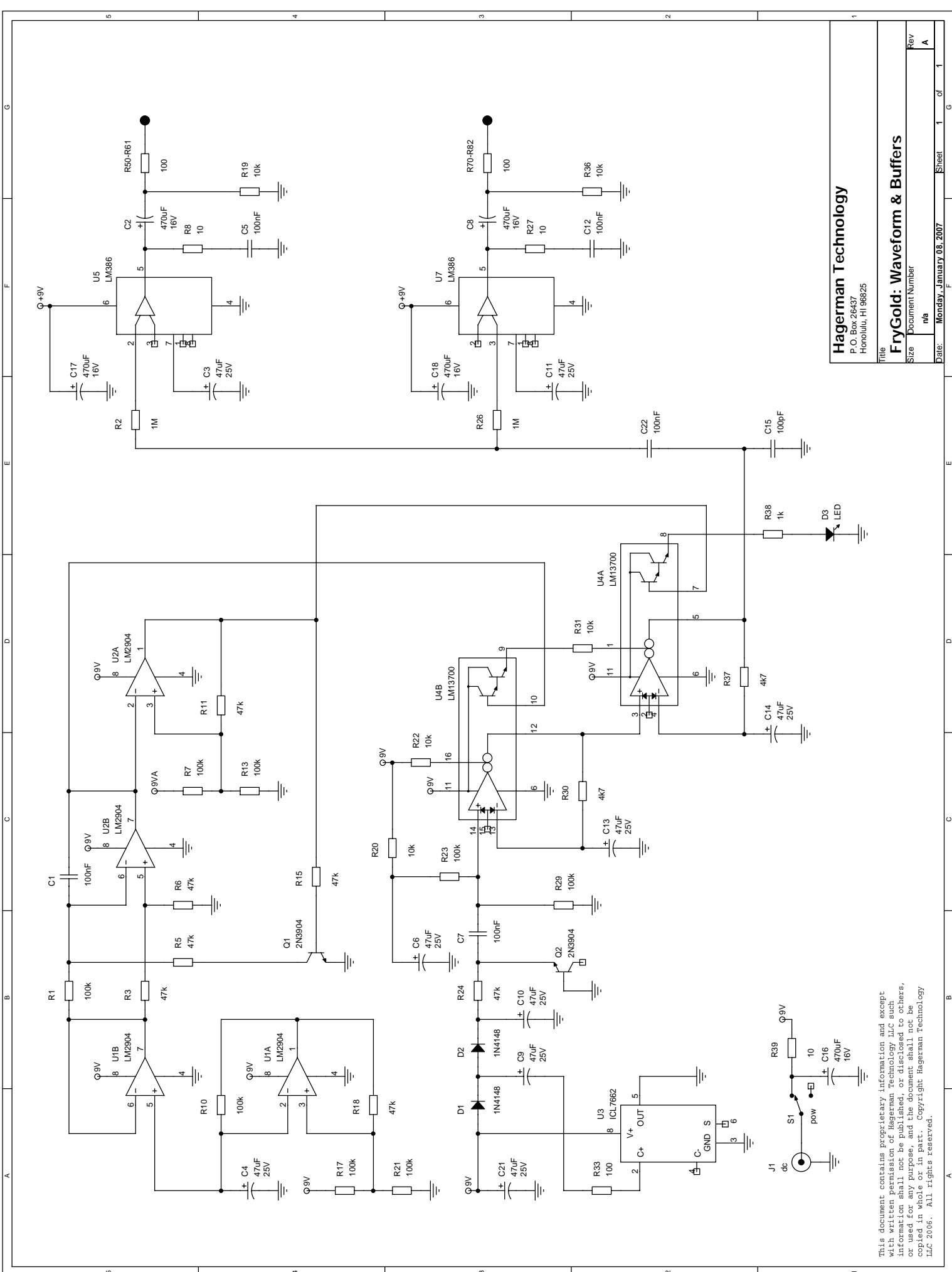
## *Duration*

It is best to do a voltage burn for 24 hours followed by a current burn for 48 hours.









Hagerman Technology  
P.O. Box 26487  
Honolulu, HI 96825

Title: FryGold: Waveform & Buffers  
Size: Document Number  
Rev: n/a

Date: Monday, January 08, 2007  
Sheet 1 of 1

This document contains proprietary information and except with written permission of Hagerman Technology LLC such information shall not be published, or disclosed to others, or used for any purpose, and the document shall not be copied in whole or in part. Copyright Hagerman Technology LLC 2006. All rights reserved.