



miniFLICKER User's Guide

DESCRIPTION

miniFLICKER is a solid state flicker generator designed to simulate candle flames, roaring fires or loose electrical connections, depending on the model chosen. All units are microprocessor controlled.

USE

Connect up to 150 watts of light to each of the two channels, then plug miniFLICKER into an ordinary (polarized) household outlet. miniFLICKER is designed for continuous use. Always use in a dry area. Lights supported include incandescent, halogen, cold cathode and many (dimmable) LEDs. Many dimmable CFLs (compact fluorescent lamps) provide good results as well. details about the various versions and how to use the rate/effect control for each model are as follows:

CANDLE FLAME

With the rate/effect control in the fully counterclockwise position, connected lights are dimmed significantly in order to produce the yellow/orange color of a candle flame. Rotating the control clockwise will increase the flicker speed. This mode is ideal for candles where the bulbs are visible. After rotating the control past the center position, the lights will be brighter and the flicker effect is lessened, thus making it more suitable for indirect viewing, such as placing the light behind a translucent candle cover. Incandescent bulbs work best for candle flame simulation.

ROARING FIRE

The flicker effect is much deeper with this version. It is designed for use with incandescent or LED bulbs. Rotating the control changes both the effect and the speed. Lights should never be visible for this effect. Pointing floodlights at a wall or hiding LED strings in a woodpile work best. Multiple miniFLICKER units set to different speeds with a variety of red, orange, yellow and an occasional white or blue bulbs can be quite realistic.

ELECTRICAL CONNECTION

With this version, both lights may remain on solid for a significant amount of time, then one or both flicker occasionally. One may even go out for a few seconds. With the control set anywhere from the fully counterclockwise to the top dead center (TDC) position, both channels behave identically as though a loose connection is causing all lights to flicker. From TDC to fully clockwise, the two channels operate independently, thus emulating two different electrical problems.

SPECIFICATIONS

Input power: 120volt AC, 50/60Hz, 3 amps, polarized plug

Output: 150 watts per channel (x2), polarized outlets

Housing: Flame retardant ABS with mounting flanges

Size: 2.4" wide x 3.29" long (4.375 including mounting flanges) x 1" deep.

Warranty: 5-Year limited warranty on materials and workmanship

DISCLAIMER

Lights Alive products, including miniFLICKER, are designed strictly for entertainment purposes and should never be used where personal injury or property damage could occur in the unlikely event of a product failure. Lights Alive will repair or replace your miniFLICKER (our choice) under the terms of our warranty, but no other warranty is expressed or implied. Lights Alive will not accept responsibility for consequential damages, even if caused due to our negligence.

092312