

## Subdecay Studios – Liquid Sunshine mkIII

### Class A overdrive

The Liquid Sunshine is hand crafted in Oregon with high quality components. Thank you for purchasing a Subdecay Liquid Sunshine.

### What is the Liquid Sunshine all about?

This pedal is a low to medium gain overdrive. It can be used as a simple boost, treble boost or overdrive.

The Liquid Sunshine is different from most other overdrives. It uses cascaded JFETs for gain rather than the typical opamp/diode design. Overdriven JFETs do not produce harsh clipping like diodes and are known to have some similarities to vacuum tubes.

The Liquid Sunshine mkIII was designed with tube amp players in mind. This is an overdrive in it's truest form. Capable of great overdrive tone on its own, or pushing your amplifier even harder. It is not meant to make your amp sound like something it is not.

### Controls:

**Volume:** Does exactly what you would expect. Adjusts the output level of the effect.

**Overdrive:** Adjusts overall input gain.

**Emphasis:** Similar to a tone control, but is located between gain stages rather than after them. At low gain settings this can add a treble boost.

### Internal switches:

**Bass switch:** boosts/cuts low frequencies at the output. The cut setting can be useful if driving an already dirty amplifier.

**Treble switch:** boosts/cuts high frequencies at the output. The boost setting is useful if you are using an amplifier with darker speakers.

### Power:

The Liquid Sunshine mkIII can be powered by a standard 9 volt battery, or by a dedicated Class II regulated 9 to 18 volt power supply with a negative center 2.1mm barrel plug.

Current draw under normal operation is less than 10mA.

If using a "daisy chain" power supply all other units on the power supply MUST be negative ground.

When powered by battery always unplug the instrument input to conserve battery life. Even when bypassed the pedal is always on when a cable is plugged in.

### Specifications:

Input impedance: 1M

Output impedance: less than 50K (depending on volume setting)

### Operation and care:

Keep away from extreme heat, cold and moisture. Use only a dry towel to clean. No user serviceable parts. Contact Subdecay Studios for repair or maintenance.

### Warranty:

Subdecay Studios offers a 3 year limited warranty from the purchase date to the original purchaser. This warranty does not cover misuse, or the neglect of the user. It also does not cover the finish, paint, or any external superficial damage. Any unauthorized repairs or modifications will void the warranty. Subdecay Studios, Inc. assumes no liability for this product.

V 3.00A

## USER GUIDE



## SUBDECAY Liquid Sunshine mkIII Class A overdrive

Subdecay Studios, Inc.  
503 538 3632

support@subdecay.com

More information available at [www.subdecay.com](http://www.subdecay.com)



This Document was believed to be accurate at the time it was created.  
Specifications are subject to change without notice.

SUBDECAY STUDIOS INC.

©2012