

## Subdecay Studios – Noise Box NB2D - Harmonic Frequency Generator-

Your Noise Box pedal was hand made in Newberg, Oregon with high quality components. Thank you for purchasing The Subdecay Noise Box.

### What is The Noise Box?

The Noise Box is an envelope controlled harmonic frequency generator for guitar and bass. The basic idea is total sonic chaos, but maintain a level of control, and be musically useful.

The Noise Box is probably not like any other stomp box you have tried. It's not a Fuzz Pedal. It's not a ring modulator. It's not a guitar synth. However it does have elements of all three of those effects.

### Controls:

**Freq.:** Controls the resting point of the frequency generator.

**Sense:** Controls how much of the effect input will be used to drive the frequency generator above its resting point.

**Chaos:** The Chaos control is a bit odd. From the far left to just past the center it acts as an attack control, speeding up the reaction for the Sense control as it's turned to the right. As the knob approaches the far right position the sense control loses its ability to track correctly, and will lead to more and more random tones from the frequency generator. With the Sense control completely off the Chaos knob does nothing.

**Voice:** This knob serves two separate functions. Towards the center it filters out the upper frequency range. Turned to either side, it alternates between two different outputs of the frequency generator, which have different harmonic contents.

**Level:** Controls the overall volume of the effect.



**Bias/Gate:** (internal trim pot) Sets the input level necessary to trigger the Noise Box.



### Battery:

To change the battery you must first remove the 4 rear screws and the rear cover. The battery should be placed next to the switch in the battery compartment. The battery should be able to slide in and out with out any friction. If the battery needs to be forced in to place, it could damage the pedal.

**Battery Life** When using a battery always unplug the instrument input to conserve battery life. When a cable is plugged in the pedal is always on, even when bypassed.

### Power:

The Noise Box can be powered by standard 9 volt battery, or by a dedicated Class 2 regulated 9 volt DC power supply with a negative center 2.1mm barrel type plug.

Current draw under normal operation is less than 10mA @ 9VDC.

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

### Specifications:

Input impedance: 100K

Output Impedance: 100K

Current draw is less than 10mA.

### 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, Inc. 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 by the user. It also does not cover the finish, paint, or any exterior, or superficial damage. Any unauthorized repairs will void warranty. Subdecay Studios, Inc. will assume NO LIABILITY for this product.

# SUBDECAY

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