

## SOUND SUBSTANCE FuzzMulator instruction sheet

Thank you very much for purchasing the *Sound Substance FuzzMulator*, a state of the art four mode fuzz/distortion pedal for the guitarist who wants more. The following paragraphs detail the procedures how to hook up your guitar and amplifier to the pedal with or without an external power supply, a general overview of the controls, and changing the battery. Warranty details, serial number, and product registration are also discussed.

### 1. General hookup instructions



Guitar

Amplifier

9 VDC

The *Sound Substance FuzzMulator* is connected to your guitar and amplifier by simply plugging the cable from your guitar into the *FuzzMulator* jack labeled *Guitar*. Connect the other cable from the jack labeled *Amplifier* to the instrument input of your amplifier. In the event that you desire to use an external power supply instead of the internal 9 volt battery, a jack is provided for it on the side of the pedal labeled *9 VDC*. The *FuzzMulator* is designed to accept a listed, regulated 9 volt DC power supply that has a 2.0 mm plug with a negative center pin. The outer ring is positive as indicated by the symbol on the top of the pedal. Although the pedal can be powered by an unregulated "wall wart" type of supply, the AC noise level will be higher than that of a regulated supply. Therefore, the best results will be achieved with a listed, regulated 9 V DC power supply. **CAUTION:** Read section 4 for warranty information.

### 2. Control description

- > **Indicator LED** – The indicator LED at the top of the pedal has the dual feature of showing that the battery power is on regardless of the pedal operating mode.
- > **Battery/ External power on** – This is on only when a cable is plugged into the Guitar jack. The pedal's operating mode is in bypass as indicated by a Red LED.
- > **Pedal mode on** – The Green LED indicates that the pedal is in effect mode. The two operating states are toggled back and forth by tapping on the foot switch located at the bottom right of the *FuzzMulator*.
- > **Foot switch** – Pedal operation is designed to be heel and toe. The switch is located on the pedal such that a simple tap of the toe with your heel on the floor will toggle the pedal operating mode.
- > **Level control** – This knob functions as the master volume control.
- > **Bottom control** – This effect is that of a dark, bassy distortion sound. It works best in the lower registers. Use of the neck pickup on the guitar compensates in the upper register.
- > **Top control** – This effect is that of a bright and thin sounding distortion. It works best in the mid and upper registers. Use of the neck pickup with it enhances the operation in the lower register.
- > **Strange control** – This effect is different. It sounds like a gated Indie style distortion. A growling sound and dropping out are normal characteristics of this one. It is amplitude sensitive so that you can reduce the sustain time with the volume knob on your guitar.
- > **Thick control** – This effect is a traditional fat sounding distortion.
- > **Wash control** – This control adds the clean guitar signal into the mix.

Many different sound possibilities are available by mixing the different settings of the distortion modes. It can also sound like more than one guitar is being played when using the Wash control with different distortion mode settings. Best performance is achieved by keeping multiple effect controls no higher than necessary and using the Level control to set the output volume. Control adjustments will reduce and increase the total volume output of the *FuzzMulator*. The level control is used to adjust this.

### 3. Battery removal and replacement

Your *FuzzMulator* is supplied with a fresh battery installed. The following paragraphs describe how to change the battery.

#### Changing the battery

- a. In order to replace the internal battery, it will be necessary to remove the chassis cover. This is accomplished by first placing the pedal face down in one hand and removing the four (4) Phillips head screws that secure the bottom plate. Set the bottom plate aside.
- b. Pull the 9 volt battery out of the holder.
- c. Carefully pull the battery from the connecting clip. Set the old battery aside and plug the battery clip into a fresh battery.
- d. Gently push the new battery into the battery holder.
- e. Replace the chassis bottom cover.



4. **Warranty.** Your *Sound Substance FuzzMulator* has a 1 year limited warranty. Please retain the sales receipt as proof of purchase. A copy of the receipt and a written description of the claim must be presented for warranty service.

Application of the wrong power supply voltage, (see below), physical abuse, disassembly and attempted reverse engineering are illustrations of specific things that void the product warranty.

The battery is not covered by this warranty.

CAUTION: USE OF THE WRONG VOLTAGE AND POLARITY CAN CAUSE DAMAGE TO THE PEDAL AND SHALL VOID THE WARRANTY. ATERNATING CURRENT, AC, SHOULD NEVER BE APPLIED TO THE EXTERNAL POWER JACK. THIS TOO, WILL DAMAGE THE PEDAL AND SHALL VOID THE WARRANTY.

5. **Serial Number** - The serial number of your product is found on the chassis cover. Please keep a record of this number for your personal insurance purposes
6. **Product Registration** - Please e-mail register your product and request notifications of new product announcements via e-mail. Please be assured, your contact information will be kept strictly confidential.

E-mail: [info@soundsubstance.com](mailto:info@soundsubstance.com)  
www.SoundSubstance.com