

SOUND SUBSTANCE WarmBlast instruction sheet

Thank you very much for your purchase of the *Sound Substance WarmBlast*; a state of the art clean boost 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, 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 WarmBlast* is connected to your guitar and amplifier by simply plugging the cable from your guitar into the *WarmBlast* 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 back side of the pedal labeled *9 VDC*. The *WarmBlast* is designed to accept a listed, regulated or unregulated 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 obtained with a listed, regulated 9 V DC power supply. **CAUTION:** Read section 4 for warranty details.

2. Control description

- > **Indicator LED** – The indicator LED at the top center of the pedal has the dual feature of showing the player that battery power is on regardless of the pedal operating mode.
- > **Battery/ External power on** – This is on only when a patch cord is plugged into the Guitar jack. Pedal mode is in bypass as indicated by a Red LED.
- > **Pedal mode on** – The Green LED indicates that the pedal is in booster mode. The two operating states are toggled back and forth by tapping on the foot switch located at the bottom of the *WarmBlast*.
- > **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.
- > **Gain control** – This pot adjusts the pedal gain from the initial minimum 12 dB to better than 30 dB wide open. Simply adjust the pedal gain control to achieve the boost and tone that you require.
Notice that the scale of the gain control is a bit unconventional. It is presented in the manner that the ear responds to the change in gain or a logarithmic response.

Also notice that there is no tone control. Tone controls don't add anything to the sound. They actually remove or take away part of it. For example: A treble control filters out the low or bass end of the sound. Conversely, a bass control filters out the high or treble end of the sound. The *WarmBlast* is a clean boost. It is intended to be a quiet broadband booster without the high end hissy noise found in many other products. The *WarmBlast* is transparent and gritty like a guitar pedal should be.

3. Battery removal and replacement

(Your *WarmBlast* is supplied with a fresh battery installed.)

Changing the battery

a. In order to replace the internal battery, it will be necessary to remove the chassis bottom 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. Set the pedal on a pillow or other soft surface to assure that the face isn't scratched. Position the pedal as shown to the right.



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 a fresh battery into the battery clip.



d. Gently push the new battery into the battery holder.

e. Replace the chassis bottom cover.

4. Warranty. Your *Sound Substance WarmBlast* carries a 1 year limited warranty. Please retain your 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 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. ALTERNATING 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 bottom cover. Please keep a record of this 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.

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