

GNI

==== **MUSIC**

USER'S MANUAL FOR:

XDI, X-TREME DISTORTION

SPI, SHRED PRO

FZD, MULTI FUZZ ✓ vintage distortion

INTRODUCTION

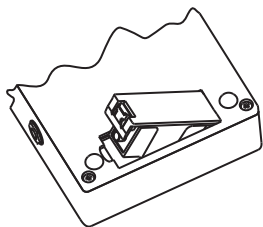
Thank you, and congratulations on your choice for GNI Music's products. Lots of work from engineers and professional musicians were spent in order to create really high-end pedals. These sections provide important information concerning the proper operation of our pedals. Please read, in order to feel assured you're ready to explore all available resources. Please, keep this book for future reference.

For more information and hints, check www.gnimusic.com.

CONNECTIONS

Power:

All pedals covered in this book can be used with standard 9V batteries, or DC power adaptors. These accessories are not included.



Installing battery:

Install 9V standard battery below the pedal, as shown in the figure. Be careful not to force the chord. Note that low batteries can compromise the sound quality, even when the effect is turned off (bypass mode). Remove the battery when your pedal is not in use.

Using DC adaptor:

The adaptor jack is in the back part of the unit. Please ensure you have an adaptor complying with the following specifications:

- **9V, DC, regulated adaptor.**
- **Polarity according to the figure.**
- **300 mA (recommended).**



WARNING: *Unregulated or 'switched mode' supplies may cause noise. Wrong tension values or reversed polarity may cause **permanent damage to the pedal, not covered by warranty.***

Input and output

Input jack accepts signals from the guitar or another effects unit. Output jack is used to connect the pedal to the amplifier or another device. In some cases these jacks serve as power switches, meaning your unit may not turn on unless they are connected. This is an extra feature to save battery in case pedal is not being used.



ADVICE: *Cables are passive components with non-negligible capacitance. They can possibly interfere with sound's signal. In order to achieve better results, make your connections with good quality cables.*

TRUE BUFFER BYPASS (TBB)

When the effect is turned off, input signal passes to output through an active ("opamp") buffer, and a mechanical switch. Buffer lowers signal's impedance, preserving its level and high tone contents. Mechanical switches are used to eliminate the need for some electronic components that usually degrade sound's quality in "pure-electronic" bypass pedals. Please note that this bypass system requires power to work. Signal will not pass if you are not using an adaptor or battery.

BOOSTER (AS1 AND SP1)

The independent Booster pedal that compliments AS1 (not covered in this book) and SP1 is a very versatile resource to be used specially when doing a solo performance. When activated by the respective footswitch, it increases output level up to 8dB. Please note that booster works either with the clean sound or with the effect.

A bicolor led indicates booster's intensity, which can be adjusted at the respective "Boost" potentiometer. Led's color changes from green (0 dB – no gain) to red (8 dB – maximum gain).

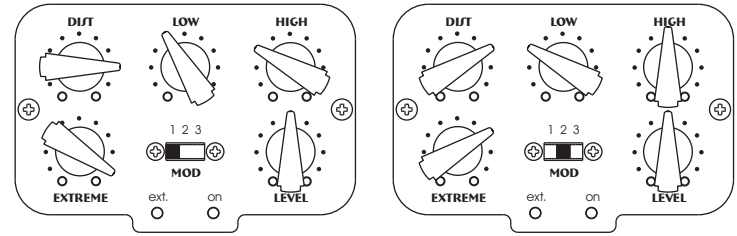
X-TREME DISTORTION

XD1 – X-Treme Distortion can perform from a light distortion to an “x-treme” one. This is accomplished by turning on two adjustable distortion stages simultaneously, as you press the “x-treme” pedal. More than adding distortion, this also increases the output level, emphasizing your solo over the band.

The unit also brings a 3-pos “mod” switch which lets you choose a vintage classic timbre, a modern heavy timbre or an intermediate one.

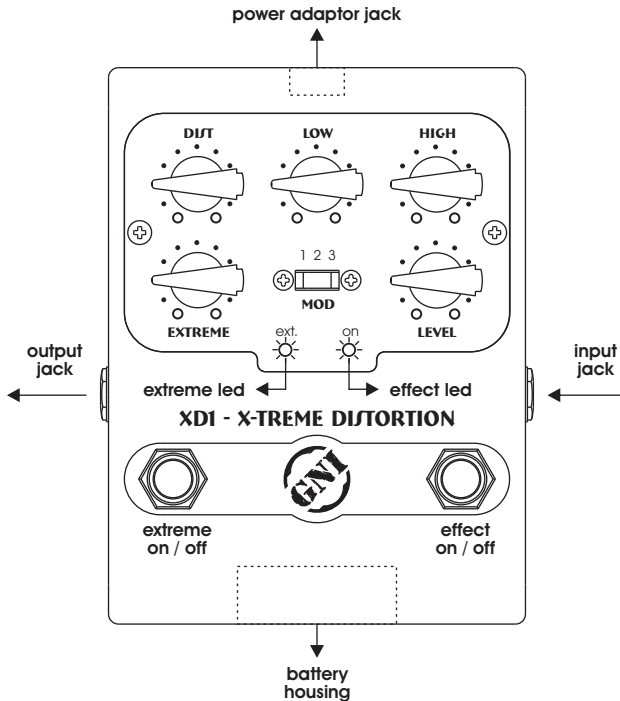
Sample settings:

(Created by some of the professional Brazilian guitarists who worked with GNI on the development of each pedal).



Controls:

- **Dist:** This adjusts intensity of the first distortion stage.
- **Low / High:** These two knobs adjust the respective frequency ranges.
- **Level:** Effect's output level.
- **MOD Switch:** This gives you three different timbres according to the selected position. Effect led's color changes according to this setting.
 1. Vintage: characteristic of classic bands.
 2. Intermediate
 3. Modern: characteristic of modern, heavy bands.
- **Extreme:** This adjusts intensity of the second distortion stage, which is enabled when you press the “x-treme” pedal.
- **Extreme Led (“ext.”):** This indicates when the extreme mode is enabled. If the effect is off (bypass mode), this led just indicates that the extreme mode will be active next time you turn the effect on.



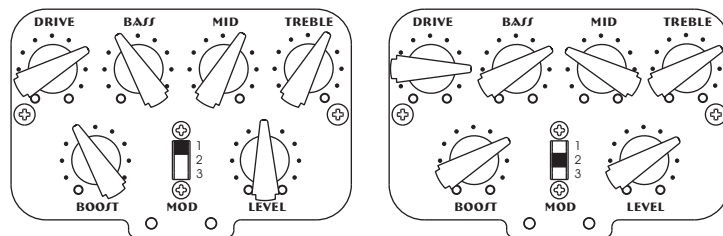
SHRED PRO

The English created classic timbres that made the history of Rock'n Roll in the 60's and 70's. GNI put this sound in its **SP1 – Shred Pro**.

Lots of controls and a versatile independent booster make SP1 a very complete vintage solution.

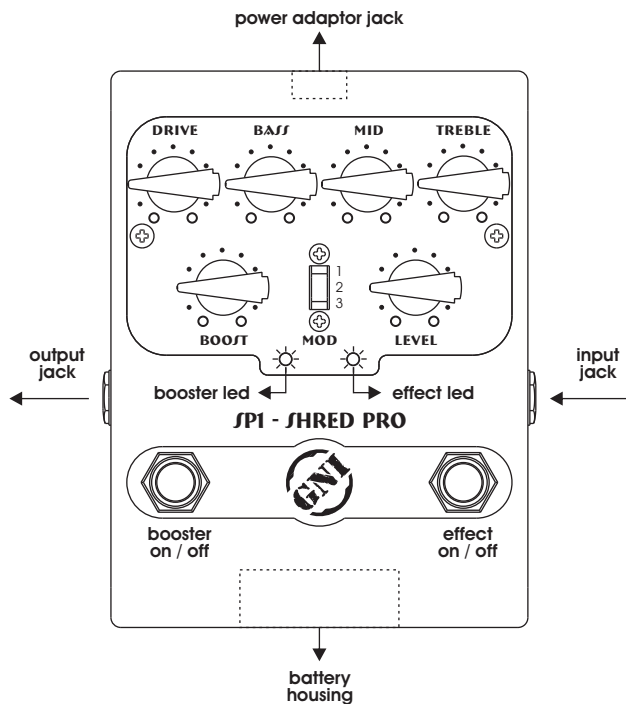
Sample settings:

(Created by some of the professional Brazilian guitarists who worked with GNI on the development of each pedal).



Controls:

- **Drive:** This adjusts the amount of distortion (“drive”) of the pedal.
- **Bass, Mid and Treble:** These knobs adjust, respectively, low, medium and high frequencies.
- **Level:** Output level.
- **Boost:** This adjusts the intensity of the independent booster, which is turned on pressing the respective pedal.
- **MOD Switch:** This pedal reproduces three different classic timbres of the 60's and 70's. Positions are:
 1. results in a more “present” sound.
 2. same sound, with a little less bright.
 3. other classic timbre, with attenuated mid frequencies.

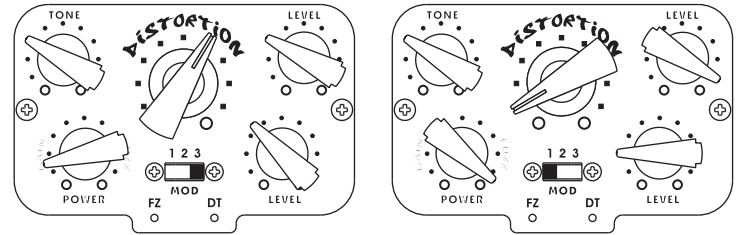


MULTI FUZZ ANY vintage distortion

FZD – Multi Fuzz and Vintage Distortion is a very vintage unit. And it's even more than the name says: FZD brings an **octaver** effect embedded with the third mode of fuzz. Everything (distortion, fuzz and octaver) can be used together to achieve very creative results.

Controls are simple, but there are many ways to combine all three effects. Next page shows two interesting examples, and more information.

Sample settings:



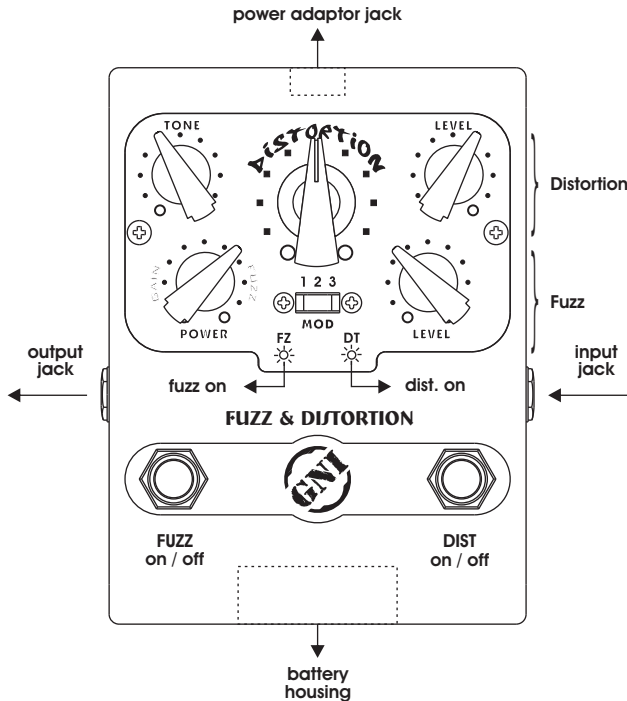
EXPLAINING CONTROLS AND HOW TO COMBINE EFFECTS:

VINTAGE DISTORTION: It's a very simple and yet powerful distortion pedal. It combines high gain with soft tones. Turn distortion on and off pressing the right footswitch. To adjust it, use the three upper knobs, which are: **Tone** (to set the amount of high tones in your sound); **Level**; and **Distortion**. Use the distortion knob at small settings combined with high level to make it act like a booster pedal (example on the right), or set it to high values for aggressive gains and long sustains.

MULTI FUZZ: Turn fuzz on and off pressing the left footswitch. Controls are in the lower part. **Level** is simply the output. The other 2 controls are:

- **Power:** Effect's intensity. Note it begins as "gain". In this range, fuzz acts as a booster or overdrive-like effect. At more or less 60% it starts to act as real fuzz. Use "power" at maximum setting to achieve full fuzz.
- **Mod:** Sliding switch which allows you to choose 3 different modes. First mode is a little softer. Second mode is more aggressive. Third mode is same as the first, combined with octaver effect.

OCTAVER: It's a very vintage effect enabled when fuzz is in "mode 3". It works better with low tones (try using your guitar's neck pickup). To use the octaver without the fuzz, set 'Power' to a very low value, 'Mod' to 3 and adjust 'Level'. Example on the left shows how to combine Vintage Distortion and Octaver with almost no fuzz.



TROUBLESHOOTING

All pedals are tested before leaving GNI's facility. If you are finding difficulties, please pay attention to the following details. Most small problems are easy to solve with a simple checklist:

- Insert both input and output jacks, or the pedal won't turn on.
- Check if you used the correct sides for input and for output.
- If using a DC adaptor, be sure it respects our specs. Reversed polarity, wrong tension, etc. may damage the circuitry and compromise warranty.
- If using batteries, be sure they are not discharged.
- Check volume levels, wrong connections and broken cables.
- Keep your unit away from other electrical devices. TVs and other home appliances can cause interference and noise.
- Don't play very close to the amplifier, or directly facing it, in order to avoid feedback noise.

If you've carefully checked your setup and problems persist, please contact our technical representative at your country for further support and warranty. If you can't find our representative's information, please go to our website (www.gnimusic.com) and contact us directly.

SPECIFICATIONS

- Power supply: 9V battery, or adaptor according to our specs.
- Bypass mode: True Buffer Bypass
- Input impedance: 500 k Ω
- Output impedance: 5 k Ω
- Booster's gain: 0 ~ 8 dB (applies to AS1 and SP1 only)
- Size: 62 x 141 x 110 (mm)
2.44 x 5.55 x 4.33 (in)
- Weight: 810g (1.8lb)

Specifications may change without notice.