

possible damage to the unit from leaking fluids.

When the FX 57 fails to switch in or out or the indicator stays lighted, the battery is probably up and needs to be replaced.

It is a good idea to keep a fresh battery in the battery compartment while you're playing the FX. That way, even if the A. C. adapter should accidentally come out, your FX 57 will continue to operate.

Use of any other A. C. adapter other than a PS 3 or DOD FX 105 will void the warranty of the product.

Unauthorized repair of the FX 57 will void the warranty. Should your Hard Rock Distortion require service, contact your DOD FX pedal dealer for turn/repair information.

CHANGING THE BATTERY

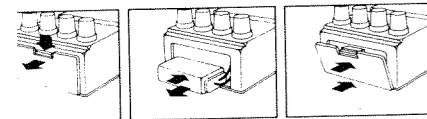


Figure 1 Figure 2 Figure 3

Figure 1: Push battery compartment cover tab and pull out at top.

Figure 2: Remove used battery. Replace with an EVEREADY® 9 volt No. 216 (NEDA 1604) or EVEREADY ENERGIZER® 9 volt battery No. 522. Snap on new battery and replace as shown.

Figure 3: Insert compartment cover in groove and push closed to latch.

SPECIFICATIONS

Input Impedance: 500 kohms.

Output Impedance: 1 kohms.

Gain - FX 57: 1,500 V/V.

Maximum Output Level: 1.2 VPP.

Delay Time: 7 to 40 milliseconds.

Bandwidth: 40 Hz to 16 kHz.

Power Supply: One 9 volt battery or DOD PS-3 A.C. adapter.

Size: 5" x 3" x 2 1/4" (126mm x 77mm x 57mm).

Weight: 1.2 lb. (.55 kg).

DOD WARRANTY

1. The warranty registration card must be mailed within ten days after purchase date to validate this warranty.

2. DOD warrants this product, when used solely within the U.S., to be free from defects in material and workmanship under normal use and service.

3. DOD Electronics liability under this warranty is limited to repairing or replacing defective materials that show evidence of defect, provided the product is returned through the original dealer, where all parts and labor will be covered up to a period of three years. The company shall not be liable for any consequential damage as a result of the product's use in any circuit or assembly.

4. Proof of date of purchase is considered to be the burden of the consumer.

5. If this product is battery operated: Batteries are not covered by this warranty. Please remove weak or dead batteries in order to prevent corrosion damage.

6. DOD reserves the right to make changes in design or make additions to or improvements upon this product without incurring any obligation to install the same on PRODUCTS PREVIOUSLY MANUFACTURED.

7. The foregoing is in lieu of all other warranties, expressed or implied, and DOD neither assumes nor authorizes any person to assume for it any obligation or liability in connection with the sale of this product. In no event shall DOD or its dealers be liable for special or consequential damages or from any delay in the performances of this warranty due to causes beyond their control.

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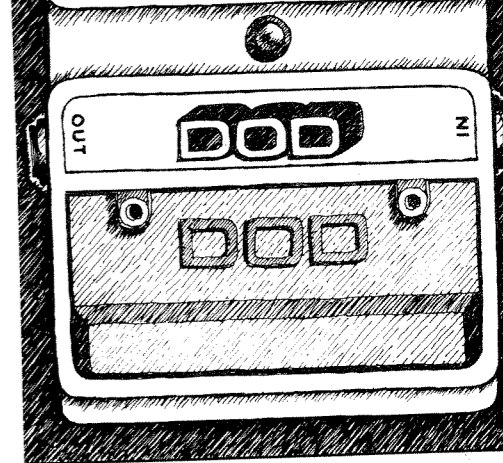
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INSTRUCTION MANUAL

FX 57 Hard Rock Distortion

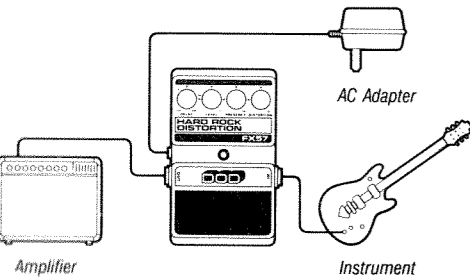
To get the best results from your FX 57 please carefully read the instructions in this manual.

WHAT THE FX 57 HARD ROCK DOES

The FX 57 is very high gain preamplifier that is overdriven to produce a distorting of the input signal and help sustain the notes longer. These effects simulate the characteristic distortion of a guitar amplifier turned up so high that it "clips" the signal, distorting it. The FX 57 offers a unique distortion circuit with a built-in delay of 7 to 40 milliseconds for a distinctive thickening of the distortion effect for use in rock distortion sounds. The FX 57 Hard Rock Distortion makes its distortion effect sound at any amplifier loudness setting and also sustains your guitar notes.

CONNECTING THE FX 57

Connect the INPUT of the FX 57 to your guitar with a 1/4-inch mono phone plug. Connect the OUTPUT of the FX 57 to your amplifier (or to the input of the other effects if you're using them) with a 1/4-inch mono phone plug. To eliminate the



need for a 9 volt battery, attach either the DOD PS 3 or the DOD FX 105 power supply to the 3.5mm A.C. adapter jack.

FEATURES

The FX 57 creates a distortion sound for the guitar and includes a built-in delay of 7 to 40 milliseconds. The distortion unit has a high amount of internal gain which sustains the notes of the guitar. The DELAY control adjust the amount of delayed signal added to the distortion sound. A LEVEL control helps to match the distortion level with the original signal level. The PRESENCE control is an equalization circuit that reduces or enhances the bass of the distortion sound. The DISTORTION control adjusts the amount of distortion the effect produces.

The FX 57 Hard Rock Distortion also features:

- FET switching for "clickless" insertion into the signal path.
- LED indicator shows the status of the effect and battery condition.
- No tools, easy access battery compartment.
- Adapter jack for A. C. operation.
- Rugged die cast metal case.
- Three year limited warranty.
- Rubber non-skid bottom.

CONTROLS

DELAY: Adjusts the time delay of the distortion signal that is added to the distortion effect. The amount of delay is adjustable from 7 to 40 milliseconds and is continually applied to the distortion sound. When the DELAY control is all the way counterclockwise () the delay is OFF. Rotating the DELAY control slightly clockwise from the OFF position, turns on the delay at the minimum delay time of 7 milliseconds. As you rotate the DELAY control clockwise (), the delay time increases when the control is all the way clockwise the delay time is a maximum of 40 milliseconds.

LEVEL: Adjusts the level of the distortion signal to the output. Turning the LEVEL control clockwise () increases the amount of the distortion signal going to the output. This control is used to match the level of the distorted signal with the original signal level.

PRESENCE: Modifies the tone or sound of only the distortion signal. When the TONE control is straight up, the distortion signal is unchanged. Turning the TONE control clockwise () boosts the low frequencies (bass) of the distortion signal and turning the TONE control counterclockwise () cuts the low frequencies (bass) of the distortion signal.

DISTORTION: Adjusts the amount of distortion applied to the original signal. Turning the

DISTORTION control clockwise () increases the amount of the distortion applied to the original signal. It also increases the amount of sustain of the guitar notes.

FOOT SWITCH: switches the distortion effect IN/OUT of the signal path.

LED INDICATOR: lights up when the distortion is enabled.

JACKS: INPUT, OUTPUT, A.C. ADAPTER. (Use either the DOD PS 3 or DOD FX 105 power supply to eliminate the need for batteries.)

OPERATION OF THE FX 57

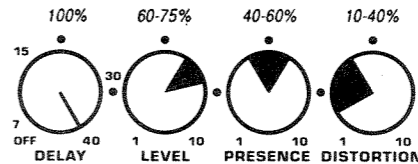
The FX 57 Hard Rock Distortion produces a distortion effect which is a modification of the original guitar sound. The effect amplifies the original signal by over driving the internal circuitry, causing a distortion sound. The FX 57 begins with a mild distortion and has a heavy distortion in its upper range. The built-in delay is adjustable to add a thickening to the distortion effect. This distortion effect also sustains guitar notes.

Since the sound of the distortion is a matter of taste, experimentation is really the only way to find the settings you like.

In setting up the effect, set the approximate amount of distortion you wish to use with the DISTORTION control. Then, use the LEVEL control to match the level of the output distortion

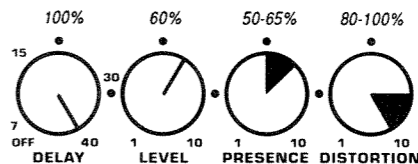
effect with the level of the original input signal, so that when the effect is switched in and out the difference in gain is not noticeable.

SAMPLE SETTINGS FOR THE FX 57 Blues Rock with Echo

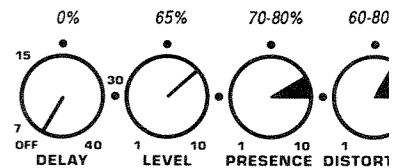


(If you want the blues distortion without the echo, turn down the delay.)

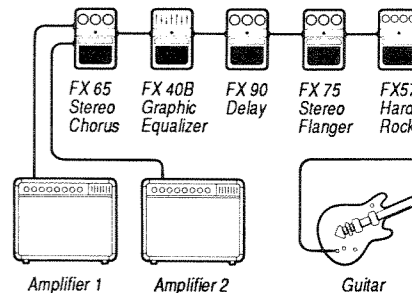
Heavy Rock - Solo Sound with Delay



Heavy Rock - Solo Sound with Delay



A stereo multiple effects setup using the FX Hard Rock Distortion might look like this:



IMPORTANT NOTES

- When you're not going to use the FX 57 b to unplug the INPUT jack so as to not waste battery.
- If you are not going to use the FX 57 for a extended period of time, remove the battery!