

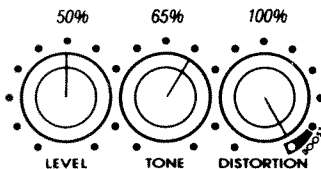
The FX55B Supra Distortion

FX55B's distortion is a symmetrical standard distortion sound with a boost of gain in its upper end. The DISTORTION control generates an extremely wide range of distortion sounds. Turning the DISTORTION control clockwise increases the amount of distortion. The basic sound of the distortion can be greatly changed and enhanced by the TONE control. Turning the TONE control counterclockwise from center boosts the low frequencies. Turning the TONE control clockwise from center boosts the high frequencies.

SOME SAMPLE SETTINGS FOR THE FX55B

FX55B has a little smoother sounding distortion than the FX50B.

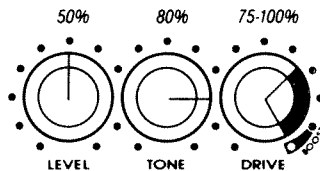
Lead for Rock



Use this setting for a solo lead sound. Use the TONE to get a fuller sound but keep the DISTORTION at maximum.

SOME SAMPLE SETTINGS FOR THE FX50B

Rhythm, "Rock" Distortion



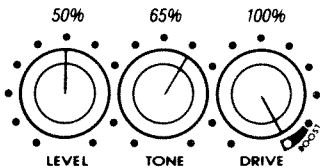
100% - More heavy metal type sound

75% - More bite with less drive.

Use this setting with chords for a biting edge type sound in power chords.

Rhythm guitar doesn't need as much sustain. Run the DRIVE back a little and use the bridge pickup.

Lead for Rock



Use this setting for soloing with lots of sustain. Run the DRIVE up full and back the TONE off a little bit.

IMPORTANT NOTES

■ When you're not going to use the FX50B or 55B, be sure to unplug the INPUT jack so as to not waste the battery.

■ If you are not going to use the FX50B or 55B for an extended period of time, remove the battery to avoid possible damage to the unit from leaking battery fluids.

■ When the FX50B or 55B fails to switch in or out or the LED indicator stays lighted, the battery is probably used 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 FX50B or 55B so that even if the A.C. adapter should accidentally come out, your FX50B or 55B will continue to work.

■ The use of any other A.C. adapter other than a DOD PS-3 or DOD FX105 will void the warranty of this product.

■ Unauthorized repair of the FX50B or 55B will void the warranty. Should your Overdrive Plus or Supra Distortion require service, contact your DOD FX pedal dealer for return/repair information.

DOD WARRANTY

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

CONTROLS

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.

TONE: 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 high frequencies (treble) of the distortion signal and turning the TONE control counterclockwise boosts the low frequencies (bass) of the distortion signal.

DRIVE (FX50B)/DISTORTION (FX55B): Adjusts the amount of distortion applied to the original signal. Turning the DRIVE/DISTORTION control clockwise increases the amount of distortion applied to the original signal; it also increases the 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 FX105 power supply to eliminate the need for batteries.)

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The specifications in this manual are subject to change without notice.

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Instruction Manual

**FX50B
OVERDRIVE
PLUS**

**FX55B
SUPRA
DISTORTION**

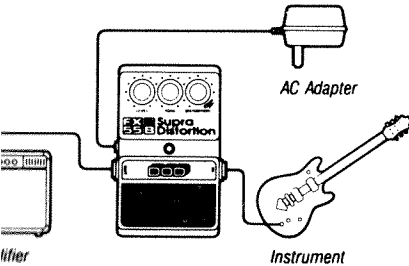
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THE FX50B OVERDRIVE PLUS AND FX55B SUPRA DISTORTION DO

FX50B and FX55B are very high gain amplifiers that are overdriven to produce a clipping of the input signal and help sustain the signal longer. These effects simulate the characteristic distortion of a guitar amplifier turned high that it "clips" the signal, distorting it. The FX50B and the FX55B have an extra amount of gain boost in their upper ranges for a more distortion effect. These pedals make the distortion sound at any amplifier loudness level and in your notes.

CONNECTING THE FX50B AND 55B

Connect the INPUT of the FX50B or FX55B to your amplifier with a 1/4-inch mono phone plug. Connect the OUTPUT of the FX50B or FX55B 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 FX105 power supply to the 3.5mm A.C. adapter jack.

FEATURES

The FX50B creates a mild distortion sound for the guitar. The FX55B creates a greater distortion effect than the FX50B with higher gain. Both effect units have a high amount of internal gain which sustains the notes of the guitar, plus an extra boost for greater range of distortion sounds. A LEVEL control helps to match the distortion level with the original signal level. The TONE control is a dual equalization circuit to enhance the bass or treble of the distortion sound. A DRIVE (FX50B) or DISTORTION (FX55B) control adjusts the amount of distortion the distortion effects produce and has an extra gain boost in the upper range of the control.

The FX50B Overdrive Plus and the FX55B Supra Distortion also feature:

- 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

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.

TONE: 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 high frequencies (treble) of the distortion signal and turning the TONE control counterclockwise boosts the low frequencies (bass) of the distortion signal.

DRIVE (FX50B)/DISTORTION (FX55B): Adjusts the amount of distortion applied to the original signal. Turning the DRIVE/DISTORTION control clockwise increases the amount of distortion applied to the original signal; it also increases the 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 FX105 power supply to eliminate the need for batteries.)

OPERATION OF THE FX50B AND FX55B

Both the FX50B Overdrive Plus and the FX55B Supra Distortion produce distortion effects which are a modification of the original guitar sound. These effects amplify the original signal overdriving the internal circuitry, causing a distortion sound. The FX50B begins clean and has a mild distortion in its upper range. The FX55B begins with a mild distortion and has a heavy distortion in its upper range. These distortion effects also sustain guitar notes.

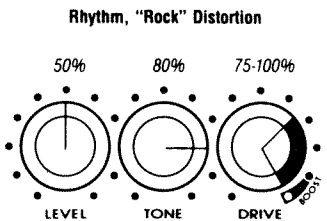
Since the sound of the distortion is a matter of taste, experimentation is really the only way to find the settings you like.

In setting up the effect, 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, no difference in gain is noticeable.

FX50B Overdrive Plus

The FX50B's DRIVE control is relatively clean in its lower range and becomes a mild distortion in its upper range. This pedal is especially useful to simulate the sound of a tube type overdriven sound. Turning the DISTORTION control clockwise increases the amount of distortion. Use the TONE control to add low end boost creating that warm tube amp feel. Turning the TONE control counterclockwise from center boosts the low frequencies. Turning the TONE control clockwise from center boosts the high frequencies.

SOME SAMPLE SETTINGS FOR THE FX50B

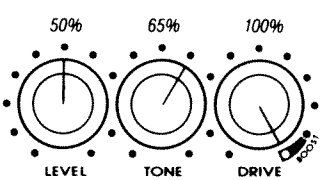


100% - More heavy metal type sound
75% - More bite with less drive.

Use this setting with chords for a biting edge type sound in power chords.

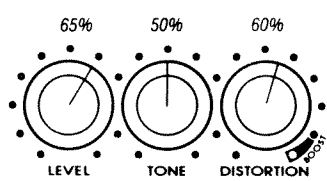
Rhythm guitar doesn't need as much sustain. Run the DRIVE back a little and use the bridge pickup.

Lead for Rock



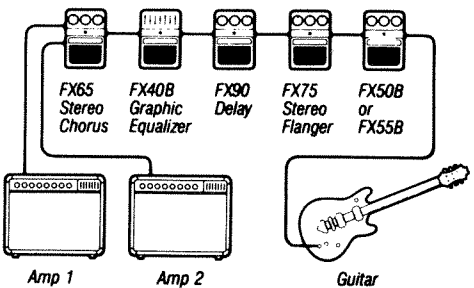
Use this setting for soloing with lots of sustain. Run the DRIVE up full and back the TONE off a little bit.

Jimi Hendrix type sound (blues rock)



This setting uses the FX55B Supra Distortion to simulate a Jimi Hendrix type distortion sound. (Be certain to use a single coil neck pickup on your guitar.)

A stereo multiple effects setup using the FX50B or FX55B might look like this:



CHANGING THE BATTERY

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