

DOD



INTEGRATED TUBE™
EVEN HARMONIC OVERDRIVE FX100

WHAT THE FX100 DOES

The FX 100 I.T. (Integrated Tube™) isn't just an overdrive distortion, it has special circuitry that adds even harmonics, emulating tube overdrive distortion. All of the dynamics of an overdriven amp are present. The distortion will "clean up" when playing softer, and to get a really aggressive tone, get an aggressive forearm. Since the tone controls "LOSM" and "HIGHS" are centered at popular amplifier frequencies, this pedal sounds like a preamp, not a pedal. As an added bonus, the FX100 now gives you the ability to run straight to the board with the speaker emulator for direct out jack.

CONNECTING THE FX100

Connect your guitar to the input of the FX100. Connect the OUTPUT of the FX100 to your amp (or to the input of another effects device). Connect the DIRECT OUT to a soundboard eliminating the use for a speaker simulator. To eliminate the need for a 9-volt battery, attach the DOD PS200R to the AC adapter jack. The PS200R is a regulated supply that will not allow hum into the pedal.

FEATURES

- LED indicator shows status of effect and battery condition
- Active switching for noiseless operation
- Easy access battery compartment
- Adapter jack for AC operation
- Rugged die-cast metal case
- Three year limited warranty
- Rubber non-skid bottom

CONTROLS

OUTPUT: This controls the output level of the FX100. Use this control to overdrive the front end of an amplifier, and to add boost to solos.

LOWS: This controls the low frequency EQ of the FX 100. Rotate the knob clockwise for boost, and counterclockwise for cut.

HIGHS: This controls the amount of high frequency EQ of the FX 100. Use this control to make your amplifier sound very crisp, or to give those harmonics that extra "kick" so your guitar oscillates on command.

DRIVE: This control adds gain or overdrive to the FX 100. Turn it up for endless sustain. When at the 12 O'clock position, it will add a generous portion of overdrive, yet the harmonics can still be noticed when playing.

FOOTSWITCH: Switches the effect in or out of the signal path.

LED INDICATOR: Lights when the effect is enabled, and is not lit when the effect is bypassed.

JACKS: Input, Output, SPKR OUT, AC Adapter (use the DOD PS200R power supply only to eliminate the need for a 9 volt battery).

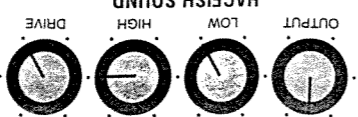
OPERATION OF THE FX100

The FX100 is nothing more than a tube preamp simulator in a box. Because it adds even harmonics, it produces a very "tube" sounding overdrive. The FX100 is also designed to react dynamically to the strength of the attack of the initial input. This also enables you to tell the difference between guitars and pick-ups, while letting the personality of your favorite instruments sound through.

When setting up the effect, use the OUTPUT control to match the level of the distortion effect with the level of the original input signal. The control should be set so there is a slight increase in level when the effect is switched into the signal path. When using the FX 100 in conjunction with a distorted amplifier, use it to control how hard your signal "hits" the front of the amp or distorts it. The more it is turned up, the more the amp will distort.

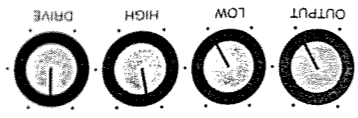
The LOWS knob controls the amount of low boost and cut when the effect is on. The HIGHS knob controls the amount of high end boost or cut when the effect is turned on. The DRIVE knob controls the amount of overdrive gain in the effect.

On the following pages, some examples of different types of sounds are described, along with graphic representations of how to set the knobs. Since good (or bad) guitar sounds are a subjective matter, use these examples as starting points to create your own sounds that meet your specific tastes, or lack thereof.



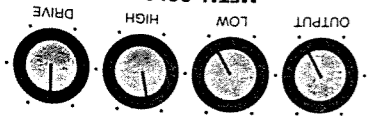
HAGFISH SOUND

This setting (and pedal) are inspired by Zach's "Metal Face", and rock our lame A#@. Hard to stand still. So go ahead and put on your best PUT to the 12 O'clock position. Once plugged in, it's should be turned all the way up. Now set the OUTPUT up, and set the HIGHS to 3 O'clock. The DRIVE and there is plenty of crunch. Turn the LOWS all the way up, and set the HIGHS to 3 O'clock. The DRIVE crunchy overdrive. The low end is slightly boosted, for a standard metal solo, turn the LOWS knob to 12 O'clock as well, and turn the DRIVE knob all of the way up. Be sure to get all your inner aggressions as you play fast and mean. Don't forget the whammy bar dives and pick slides. Your Heavy Metal guitar face is a mandatory requirement for this setting.



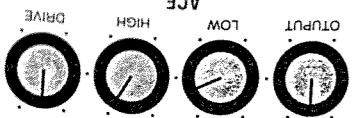
OVERDRIVE BLUES

Use this setting when you need a nice blues tone. Turn the OUTPUT knob as desired. Turn the LOWS all the way up, and set the HIGHS knob to 11 O'clock. Set the DRIVE knob to 12 O'clock. This will in turn, produce a sound much like that of a creamy vanilla milkshake on a hot day. Use your volume knob to adjust the gain and texture of the effect.



METAL SOLO

For a standard metal solo, turn the LOWS knob to 12 O'clock as well, and turn the DRIVE knob all of the way up. Be sure to get all your inner aggressions as you play fast and mean. Don't forget the whammy bar dives and pick slides. Your Heavy Metal guitar face is a mandatory requirement for this setting.



ACE

To get a punchy sound with lots of Crunch, set the OUTPUT to 12 O'clock, the LOWS to 2 O'clock, the HIGHS to 1 O'clock, and the drive to 12 O'clock. The result: SMOKIN'!

IMPORTANT NOTES

- The FX100 battery is in use whenever the INPUT jack is plugged in. If you are not using the FX100, be sure to unplug the cable from INPUT jack. This will prevent unnecessary battery drain.
- Remove the battery whenever the unit is not going to be used for an extended period of time. This will prevent possible damage due to leaking battery fluids.
- If the FX100 fails to switch in or out of the LED indicator stays lit, the battery needs to be replaced. Replace the battery immediately.
- Use of any AC adapter other than the DOD PS200R will void the warranty of this product.
- Unauthorized repair of the FX100 will void the warranty. Should your FX100 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.
2. DOD warrants this product, when used solely within the U.S., to be free from defects in materials and workmanship under normal use and service.
3. DOD 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-purchase is considered to be the burden of the consumer.
5. 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.

6. The foregoing is in lieu of all other warranties, expressed or implied, and DOD neither assumes nor authorizes any person to assume 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 performance of this warranty due to causes beyond their control.

DOD Electronics Corporation
8760 South Sandy Parkway
Sandy, Utah 84070
Telephone (801) 566-8800
FAX (801) 566-7005

International Distribution
3 Overlook Drive Unit 4
Amherst, New Hampshire 03031
U.S.A.
FAX (603) 672-4246

Copyright © 1996 DOD Electronics Corporation
Printed in U.S.A. 8/96
Manufactured in the U.S.A.
FX100 18-1100-A