

FX 35 Octopus

possible damage to the unit from leaking battery fluids.

- When the FX 35 fails to switch in or out, or the LED indicator stays lighted, or there is a lot of distortion present in the signal, 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 FX 35 so that even if the A. C. adapter should accidentally come out, your FX 35 will continue to work.
- Unauthorized repair of the FX 35 will void the warranty. Should your Octopus require service, contact your DOD FX pedal dealer for return/repair information.

CHANGING THE BATTERY

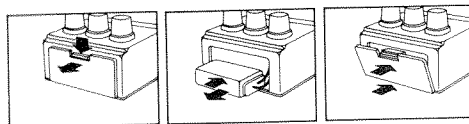


Figure 1

Figure 2

Figure 3

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

Figure 2: Remove battery, snap on new battery and replace as shown.

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

FX 35 Octopus

SPECIFICATIONS

Input Impedance: 500K ohms.

Output Impedance: 1K ohms.

Direct Frequency Range: 40 Hz to 20K Hz.

Lower Octave Frequency Range: 40 Hz to 750 Hz.

Signal to Noise Ratio: >90 dB.

Gain: 0 dB.

Power Supply: One 9 volt battery or DOD PS-3 or DOD FX 105 A.C. adapter.

Size: 5"×3"×2". (127mm×51mm).

Weight: 1.2 lbs. (.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 defecting 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.

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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.

DOD Electronics Corporation

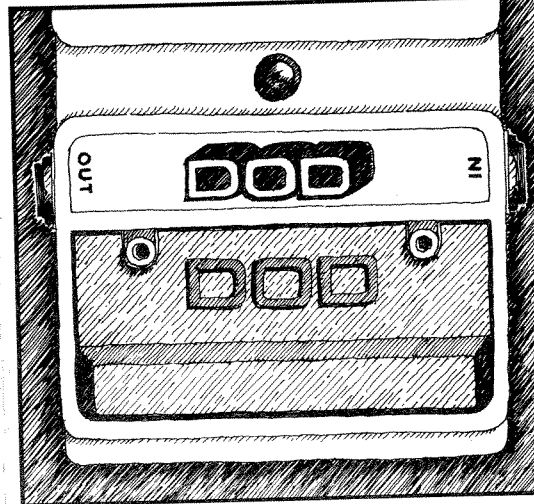
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INSTRUCTION MANUAL

FX 35 OCTOPLUS

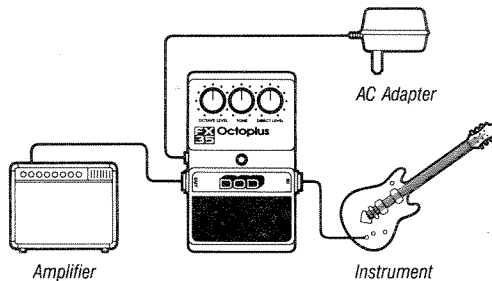
To get the best results from your FX 35 please carefully read the instructions in this manual.

WHAT THE FX 35 OCTOPLUS DOES

The FX 35 Octoplus generates a signal one octave below the input signal, allowing guitarists to play bass lines or to "fill out" or add "body" to the sound. (NOTE: The FX 35 is for playing single notes only.)

CONNECTING THE FX 35

Connect the INPUT of the FX 35 to your guitar (or to the output of a compressor/sustainer if you're using one) 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.

**IMPORTANT**

A more stable octave tone may be achieved by using the pick up farthest from the bridge of your guitar. Additional stability may also be achieved by the use

of a compressor or sustainer, like the DOD FX 80B, between your instrument and the FX 35.


FEATURES



The FX 35 adds a lower octave signal to the original signal. Single lines can be thickened or body added with a careful mixing of the original signal (DIRECT LEVEL) with the generated lower octave signal (OCTAVE LEVEL). The TONE control modifies the sound of only the lower octave signal, adjustable to your taste for a more pleasing sound.


The FX 35 Octoplus 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

OCTAVE LEVEL: Adjusts the level of the generated lower octave signal to the output. Turning the OCTAVE LEVEL control clockwise  increases the amount of the generated lower octave signal going to the output. When the control is fully counterclockwise none of the generated lower octave signal is sent to the output.

TONE: Modifies the tone or sound of only the generated lower octave signal. When the TONE control is straight up, the octave signal is unchanged. Turning the TONE control clockwise  boosts the upper frequencies of the octave signal, and turning the TONE control counterclockwise  boosts the lower frequencies of the octave signal.



DIRECT LEVEL: Adjusts the level of the input signal allowed to pass through to the output. Turning the DIRECT LEVEL control clockwise  increases the amount of the original signal going to the output of the FX 35. When the control is fully counterclockwise none of the original signal is sent to the output.

FOOT SWITCH: Switches the octave effect IN/OUT of the signal path.

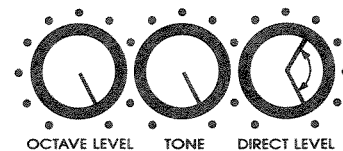
LED INDICATOR: Lights up when the octave effect is enabled.

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 35

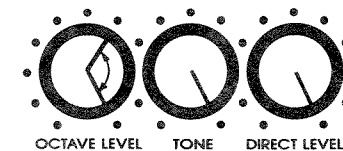
The secret to making the FX 35 sound its best is to keep the original signal and octave signal almost equal in strength. Turning the DIRECT LEVEL control clockwise  increases the amount of the original signal going to the output of the FX 35. Turning the OCTAVE LEVEL control clockwise  increases the

amount of the generated lower octave signal going to the output. Adjust the OCTAVE LEVEL for the amount of body you wish to add to the sound. With these two controls the mix of the original signal and octave signal is adjusted.



Using the FX 35 to add body to the sound

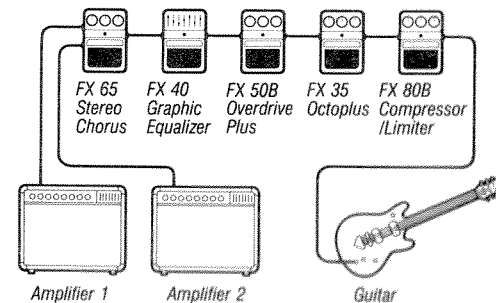
To play bass lines with the FX 35: turn the DIRECT LEVEL control almost all the way clockwise , so that most of the original signal goes to the output; and adjust the OCTAVE LEVEL control by turning it all the way clockwise . Adjust the TONE control clockwise  from the 12 o'clock position, until the desired sound of the lower octave tone is achieved. The mix of the original signal adds brightness or intelligibility to the line.



Using the FX 35 to play bass lines

A flanger or a phaser, like the DOD FX 75 Stereo Flanger or the DOD FX 20B Stereo Phaser, will add increased tonal character to the sound of the FX 35. Try different effects on the lower octave signal and listen to the results. You may even want to try splitting the original and the octave signal and process each differently with different effects and amps.

A stereo multiple effects setup using the FX 35 might look like this:

**IMPORTANT NOTES**

- When you're not going to use the FX 35 be sure to unplug the INPUT jack so as not to waste the battery.
- If you are not going to use the FX 35 for an extended period of time, remove the battery to avoid