



FX ECHO FX
96 ANALOG DELAY

H A Harman International Company

WHAT THE FX96 DOES

The FX96 Echo Fx is DOD's latest addition to its arsenal of great delay effects. The FX96 is an Analog Delay pedal that offers tape delay simulation at your feet. No longer will you have to haul (and handle with care) the bulky Echo tape machines of the past to the gig .And if the "worn-out tape" characteristics of the old Echo machines is the sound your looking for, the FX 96 gives a Tape Quality control for changing the tonal quality of the tape emulation.

CONNECTING THE FX96

Connect your guitar to the input of the FX96. Connect the OUTPUT of the FX96 to your amp (or to the input of another effects device). 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

MIX (DRY/TAPE) The MIX (DRY/TAPE) knob controls the mix level between the Dry and Effect level of the FX 96 Echo Fx. Turning the knob all of the way down, produces all dry signal. Turning it all of the way up, produces a 100% wet effect.

DELAY TIME: The DELAY TIME knob controls the delay time of the FX 96 Echo Fx. Turning the knob all of the way up produces up to approximately 800 milliseconds of delay time.

REGEN/REPEAT: The REGEN/REPEAT knob controls the amount of delay regeneration that is fed into the signal of the FX 96. By turning the knob all of the way up, this will produce more delay repeats. By turning down the REGEN/REPEAT control down, this will produce less repeats,

TAPE QUALITY: The TAPE QUALITY knob controls the Low Pass Filter which is used to re-create analog tape quality variances of the past. The higher the TAPE QUALITY knob is turned up, the more "grainy" and Muddy the tape quality becomes.

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

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

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

OPERATION OF THE FX96

The FX96 can be operated in front of an amplifier or in an effects loop. Since the order of the effects is very important, they should be ordered as follows: 1) compression effects (DOD FX84), 2) Wah/volume and envelope filters (DOD FX17, FX25), 3) Distortion effects or preamps (DOD FX102, FX69B), 4) EQ's (DOD FX40), 5) chorus, flanging, phasing, vibrato (DOD FX75C), 6) Delay and reverb effects (DOD DFX98, FX 96).

To set up your own sound with the FX96, set all controls at 12 o'clock. Then adjust the DELAY TIME and REGEN/REPEAT controls for the desired Delay time and Delay repeats. Next, adjust the MIX (DRY/TAPE) control for the desired amount of effect. Finally, dial in the quality of the Tape delay by adjusting the TAPE QUALITY knob control.

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.



SLAP BACK DELAY

Use this setting when you require a good old fashioned slap back delay. This is an ideal setting for country guitar. It gives a nice and short delay time (approximately 100 milliseconds), and enough repeat to make that Tele sing.



GRAINY TAPE ECHO

If you are longing for the unique sounds of an analog tape machine, this setting is for you. Utilizing the tape quality control, can give you an accurate emulation the old grain quality sound of echo tape when it becomes good and worn. The Echo setting will provide you with just enough delay time to make the delay sound out like an old tape machine.



LONG DELAY

To add depth and dimension to your playing, try this set-up to provide big delay that layers your sound with a longer delay time and more repeats.

IMPORTANT NOTES

- The FX96 battery is in use whenever the INPUT jack is plugged in. If you are not using the FX96, be sure to unplug the cable from the 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 FX96 fails to switch in or out or the LED indicator stays lit, the battery needs to be replaced.
- Use of any AC adapter other than the DOD PS200R will void the warranty of this product.
- Unauthorized repair of the FX96 will void the warranty. Should your FX96 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.

DECLARATION OF CONFORMITY

Manufacturer's Name: DOD Electronics Corporation

Manufacturer's Address: 8760 S. Sandy Parkway
Sandy, Utah 84070, USA

declares that the product

Product Name: FX96

Product Options: All (requires a Class II power
adapter that conforms to the requirements of EN 60065,
EN 60742, or equivalent).

Safety: EN 60065 (1993)
IEC65 (1985) with Amendments 1,2,3

EMC: EN 55013: (1990)
EN 55020: (1991)

Supplementary Information:

The product herewith complies with the requirements of
the Low Voltage Directive 73/23/EEC and the EMC
Directive 89/336/EEC as amended by directive
93/68/EEC.

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