LIVE TO PLAY LIVE®

MXR

M169 CARBON COPY® ANALOG DELAY

Dunlop

JIMDUNLOP.COM

92503006607revD

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DESCRIPTION

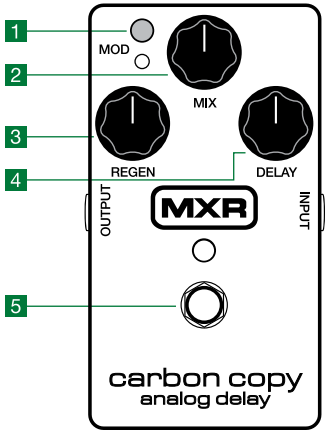
- 100% analog bucket-brigade technology
- Up to 600ms of delay with switchable modulation
- Internally adjustable modulation circuit
- True bypass

POWER

The MXR Carbon Copy Analog Delay is powered by one 9-volt battery (remove bottom plate to install), a 9-volt AC Adapter such as the Dunlop ECB003/ECB003EU or a DC Brick™ power supply.

CONTROLS

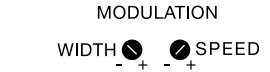
1. MOD switch toggles modulation on/off (blue LED indicates on)
2. MIX knob controls blend of wet and dry signals
3. REGEN knob sets number of repeats
4. DELAY knob sets delay time
5. FOOTSWITCH toggles effect on/bypass (blue LED indicates on)



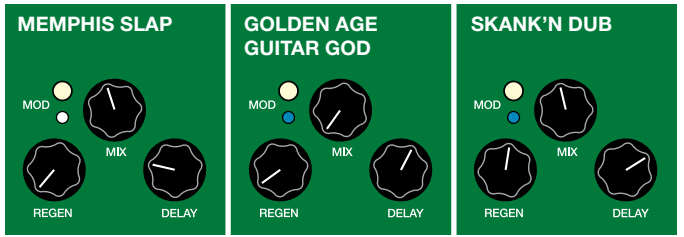
DIRECTIONS

- Run a cable from your guitar to the Carbon Copy's INPUT jack and another cable from the Carbon Copy's OUTPUT jack to your amplifier.
- Start with all controls at 12 o'clock.
- Turn the effect on by depressing the footswitch.
- Rotate the REGEN knob clockwise to increase the number of repeats or counterclockwise to decrease it.
- Rotate the MIX knob clockwise to increase the ratio of wet to dry signal or counterclockwise to decrease it. Fully clockwise results in 100% wet signal while fully counterclockwise results in 100% dry signal.
- Rotate the DELAY knob clockwise to increase delay time or counterclockwise to decrease it.
- Push in the MOD switch to add modulation to your delay signal. Modulation width and speed can be adjusted internally with a 2mm slotted screwdriver (see Diagram A).

DIAGRAM A



SAMPLE SETTINGS



SPECIFICATIONS

Input Impedance	1 MΩ
Output Impedance	1 kΩ
Max Input Level	+5 dBV at 500 Hz
Max Output Level	+8 dBV
Noise Floor*	
Mix at Max CW	-96 dBV
Mix at Max CCW	-104 dBV
Delay Distortion	<1% at 1 kHz, -5 dBV Input
Delay Time	20 ms to 600 ms
Noise Reduction	2:1 ratio
Modulation Speed	0.2 Hz to 2.2 Hz
Bypass	True Hardwire
Current Draw	26 mA
Power Supply	9 volts DC

**Regen at max CCW, A-weighted*

DUNLOP MANUFACTURING, INC.
P.O. BOX 846 BENICIA, CA 94510 U.S.A.
TEL: 1-707-745-2722 FAX: 1-707-745-2658