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M169 CARBON COPY[®] ANALOG DELAY



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M169 CARBON COPY® ANALOG DELAY

DESCRIPTION

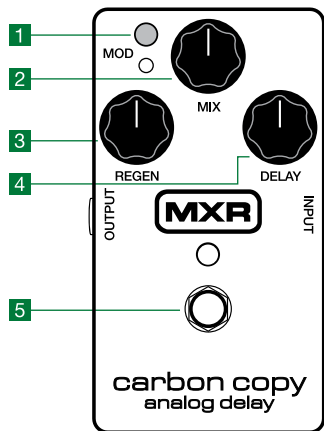
- 100% analog bucket-brigade technology
- Up to 600ms of delay with switchable modulation
- Internally adjustable modulation circuit
- True bypass

POWER

The 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 the DC Brick™ and Iso-Brick™ power supplies.

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 M169's INPUT jack and another cable from the M169'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 half wet/half dry mix 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 (remove bottom plate) with a 3mm slotted screwdriver (see Diagram A).

DIAGRAM A

MODULATION
WIDTH $\otimes \otimes$ SPEED
 $\otimes \otimes$

SAMPLE SETTINGS



SPECIFICATIONS

Input Impedance	1 MΩ
Output Impedance	1 kΩ
Max Input Level	+5 dBV, 500 Hz
Max Output Level	+8 dBV
Noise Floor*	
Mix at Max CW	-96 dBV
Mix at Max CCW	-104 dBV
Delay Distortion	<1%, 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



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