**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 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).

**SAMPLE SETTINGS**
- **MEMPHIS SLAP**
- **GOLDEN AGE GUITAR GOD**
- **SKANK’N DUB**

**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
- Delay Time: 20 ms to 600 ms
- Noise Reduction: 2:1 ratio
- Modulation Speed: 0.2 Hz to 2.2 Hz
- Bypass: True Hardware
- Current Draw: 26 mA
- Power Supply: 9 volts DC

*Dregen at max CCW, A-weighted