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› Jim Dunlop MXR M309 Joshua Ambient Echo Pedal User Manual

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Jim Dunlop MXR M309 Joshua Ambient Echo Pedal User Manual

Model: M309

Brand: Jim Dunlop

1. INTRODUCTION

The MXR Joshua Ambient Echo is a multi-tap delay pedal designed to create rich, atmospheric soundscapes. It offers a unique character that captures sought-after echo textures from various eras. This pedal provides a comprehensive set of controls for shaping delay, modulation, and voice effects, making it suitable for a wide range of musical expressions. It features deep yet intuitive controls, including mono/stereo operation, onboard tap tempo, and off-board switching capabilities.

2. PRODUCT OVERVIEW

The MXR Joshua Ambient Echo pedal is engineered to deliver versatile ambient delay effects. Its intuitive layout allows for easy adjustment of key parameters to sculpt your desired sound.



Figure 1: Top view of the MXR M309 Joshua Ambient Echo Pedal.

Controls and Functions

- **Delay Knob:** Adjusts the primary delay time.
- **Regen Knob:** Controls the number of echo repeats (feedback).
- **Division Knob:** Selects the rhythmic subdivision of the delay repeats. Options include $\frac{1}{4}$ note, dotted $\frac{1}{8}$ note, $\frac{1}{8}$ note, $\frac{1}{8}$ note triplet, double delay with an $\frac{1}{8}$ note, and dotted $\frac{1}{8}$ note.
- **Mix Knob:** Blends the dry instrument signal with the wet (effected) signal.
- **Mod Knob:** Introduces modulation to the delay signal, adding movement and texture.
- **Voice Knob:** Activates and adjusts an angelic, organ-like effect by mixing -1 sub octave, +1 octave up, and +2 octave up signals.
- **Echo 2 Switch:** Engages a secondary set of echoes, set to a $\frac{1}{4}$ note tempo by default, with advanced customization options.
- **Trails Switch:** When engaged, allows delay repeats to naturally decay after the pedal is bypassed, rather than cutting off

abruptly.

- **Footswitch:** Toggles the effect on/off. Can also be used for tap tempo functionality.
- **CTR Jack:** An input for an external control pedal, allowing for tap tempo or freezing delay lines.

3. SETUP

Power Requirements

The MXR M309 Joshua Ambient Echo pedal requires a 9-volt power supply. Please note that a power supply **isnot included** with the pedal and must be purchased separately. Ensure the power supply meets the pedal's voltage and current requirements to prevent damage.

Connections

Connect your instrument to the pedal's input jack and the pedal's output jack to your amplifier or next pedal in the signal chain. The output jack is TRS capable for stereo operation. For stereo input, a dip switch on the circuit board can be flipped from mono to stereo. This requires removing the back plate (4 screws) to access the dip switch.



Figure 2: Side view showing input and CTR (Control) jacks.



Figure 3: Side view showing power input and output jack.

4. OPERATION

Basic Usage

1. Connect the pedal to your power supply.
2. Connect your guitar to the 'IN' jack and your amplifier (or next pedal) to the 'OUT' jack.
3. Press the footswitch to engage the effect. The LED will illuminate.
4. Adjust the **Delay**, **Regen**, **Division**, and **Mix** knobs to achieve your desired echo sound.
5. Experiment with the **Mod** and **Voice** knobs to add further texture and depth to your ambient soundscape.

Tap Tempo

To set the delay time using tap tempo, simply tap the footswitch two or more times at your desired tempo. The pedal will synchronize the delay time to your taps. For external tap tempo control, connect a compatible switch to the CTR jack.

Trails Function

Engage the **Trails** switch to allow echoes to naturally fade out after the pedal is disengaged. If the Trails switch is off, the echoes will cut off immediately upon bypass.

Your browser does not support the video tag.

Video 1: Official product demonstration of the MXR Joshua Ambient Echo pedal, showcasing its various sound capabilities and controls.

5. ADVANCED FEATURES

The MXR Joshua Ambient Echo offers advanced customization options beyond its primary controls. These include adjusting the secondary echo signal mix and modifying how the LEDs flash. Refer to the full product manual available on the Jim Dunlop website for detailed instructions on accessing and adjusting these parameters.

6. SPECIFICATIONS

Feature	Detail
Brand	Jim Dunlop
Model Name	MXR® JOSHUA® AMBIENT ECHO
Model Number	M309
Item Weight	16 ounces
Voltage	9 Volts
Audio Output Effects	Delay
Controls Type	Knob
Power Source	Battery Powered (Power supply not included)
Item Dimensions	5.8 x 4.85 x 2.85 inches
UPC	710137133655

7. TROUBLESHOOTING

- **No Sound:** Ensure all cables are securely connected and the power supply is functioning correctly. Check that the pedal is engaged (LED on).
- **Unexpected Sound/No Stereo:** If experiencing issues with stereo input, verify the internal dip switch is set to stereo mode. This switch is located on the circuit board and requires removing the pedal's back plate.
- **Effect Not Engaging:** Check the footswitch for proper operation. If using an external tap tempo switch, ensure it is compatible and correctly connected to the CTR jack.

8. MAINTENANCE

To ensure the longevity and optimal performance of your MXR Joshua Ambient Echo pedal, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid abrasive cleaners or solvents.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight and extreme temperatures. Disconnect power when not in use for extended periods.
- **Handling:** Avoid dropping the pedal or subjecting it to excessive force, which can damage internal components.

9. WARRANTY AND SUPPORT

Warranty Description: Dunlop Manufacturing, Inc. will repair or replace, at its discretion, defective workmanship or materials on

all new Dunlop electronics directly or through the selling dealer or authorized service technician, for one year from the date of purchase, at no cost to the original purchaser. Repair or replacement parts installed will then be warranted for the unexpired portion of the original warranty term.

For technical support or warranty claims, please contact Jim Dunlop customer service or visit their official website for more information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question