

## Electro-Harmonix MTOY

# Electro-Harmonix Memory Toy Analog Delay with Modulation Pedal

## INSTRUCTION MANUAL

Model: MTOY

### INTRODUCTION

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The Electro-Harmonix Memory Toy is an analog delay pedal designed to provide musicians with a rich, organic depth and dimension to their sound. It offers up to 550ms of delay time and includes a selectable chorus effect for added sonic versatility. This manual provides essential information for setting up, operating, and maintaining your Memory Toy pedal.

### SETUP

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Before connecting your Memory Toy pedal, ensure all other equipment is powered off. This prevents potential damage to your gear.

#### Power Supply

- The Memory Toy pedal operates on a 9V DC power supply. A power adapter is included with your purchase.
- Alternatively, the pedal can be powered by a 9V battery. Ensure the battery is correctly installed according to polarity markings.

#### Connections

1. Connect your instrument (e.g., guitar) to the **INPUT** jack on the right side of the pedal.
2. Connect the **OUTPUT** jack on the left side of the pedal to your amplifier or the next effect pedal in your signal chain.
3. Plug the 9V DC power adapter into the 9V power input jack, or ensure a fresh 9V battery is installed.

Once all connections are secure, you may power on your amplifier and other equipment.

### OPERATING THE PEDAL

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The Memory Toy features intuitive controls for shaping your analog delay sound. Familiarize yourself with the knobs and switch to explore its full capabilities.



Figure 1: Electro-Harmonix Memory Toy Analog Delay Pedal with controls visible.

## Controls

- **DELAY Knob:** Controls the delay time, ranging up to 550ms. Turn clockwise for longer delay times.
- **BLEND Knob:** Adjusts the mix between your dry (unaffected) signal and the wet (delayed) signal. Turn clockwise to increase the level of the delayed signal.
- **FEEDBACK Knob:** Controls the number of repeats of the delayed signal. Higher settings will produce more repeats, leading to self-oscillation at maximum settings.
- **MODULATION Switch:** Toggles the chorus modulation effect on or off. When engaged, it adds a lush, swirling texture to the delayed signal.

## Engagement

Press the footswitch to engage or bypass the effect. The LED indicator will illuminate when the effect is active.

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Video 1: Official demonstration of the Electro-Harmonix Memory Toy Analog Delay pedal.

## SPECIFICATIONS

| Feature            | Detail                                       |
|--------------------|--|
| Item Weight        | 9.6 ounces (272 Grams)                       |
| Product Dimensions | 4.5"L x 2.75"W x 2.1"H                       |
| Power Source       | 9V DC Power Adapter (included) or 9V Battery |
| Signal Format      | Analog                                       |
| Delay Time         | Up to 550ms                                  |
| Modulation         | Selectable Chorus                            |

## MAINTENANCE

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To ensure the longevity and optimal performance of your Electro-Harmonix Memory Toy pedal, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid using abrasive cleaners or solvents, as these can damage the finish.
- **Storage:** Store the pedal in a dry environment away from extreme temperatures and direct sunlight. When not in use for extended periods, remove the 9V battery to prevent leakage.
- **Connections:** Periodically check all input and output jacks for debris or loose connections. Ensure cables are in good condition.

## TROUBLESHOOTING

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If you encounter issues with your Memory Toy pedal, consider the following common solutions:

- **No Sound:** Check all cable connections. Ensure the power supply is correctly connected and functioning, or replace the 9V battery. Verify that your instrument and amplifier are working correctly.
- **Weak or Distorted Sound:** Check the power supply. Ensure the input signal is not too hot, which could cause clipping. Adjust the E.LEVEL (if applicable, though not explicitly listed for Memory Toy, it's a common delay pedal control) or your instrument's output.
- **No Effect:** Ensure the pedal is engaged (LED illuminated). Check the BLEND knob setting; if it's fully counter-clockwise, you will only hear the dry signal.
- **Unwanted Noise:** Ensure you are using a regulated 9V DC power supply. Unregulated power supplies can introduce hum. Check for faulty cables.

## WARRANTY AND SUPPORT

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Electro-Harmonix products are designed for durability and performance. For warranty information or technical support, please refer to the official Electro-Harmonix website or contact their customer service. Protection plans are available for extended coverage.