

Jim Dunlop M303

Jim Dunlop MXR Clone Looper Guitar Effects Pedal M303 User Manual

Model: M303

1. INTRODUCTION

The MXR Clone Looper pedal is designed to provide guitarists with a versatile and high-quality looping experience. This compact pedal offers extensive features for recording, overdubbing, and manipulating loops, suitable for practice, live performance, and studio use. It features robust construction and advanced digital processing to maintain signal integrity.

2. KEY FEATURES

- **High-Fidelity Audio:** Engineered for exceptional sound quality with storage sample rates up to 88.2kHz.
- **Extended Looping Time:** Record loops up to 6 minutes long with unlimited overdubs.
- **Flexible Playback Options:** Adjust loop speed to double-speed (3 minutes recording time) or half-speed (12 minutes recording time), or reverse playback.
- **Analog Through-Path:** Ensures your pre-loop signal remains entirely intact.
- **Bypass Options:** Selectable buffered bypass or true bypass switching to suit your tonal preferences.
- **External Control:** CTR jack for MXR Tap Tempo Switch to control functions externally. EXP jack for DVP Volume Pedal to adjust loop output level or MXR Tap Tempo Switch for 'Play Loop Once' mode.

3. SETUP

3.1 Package Contents

- MXR Clone Looper Pedal M303
- 9V DC Power Adapter (not always included, check packaging)
- User Manual

3.2 Connecting the Pedal

Before connecting, ensure all audio equipment is turned off to prevent damage.

1. **Power Connection:** Connect a 9V DC power adapter (center negative) to the +9VDC jack on the top of the pedal.
2. **Instrument Input:** Connect your instrument (e.g., guitar) to the IN jack on the right side of the pedal using a 1/4-inch instrument cable.
3. **Amplifier Output:** Connect the OUT jack on the left side of the pedal to your amplifier or next pedal in the signal chain using a 1/4-inch instrument cable.
4. **External Control (Optional):**
 - For an MXR Tap Tempo Switch, connect it to the CTR jack.
 - For a DVP Volume Pedal or another MXR Tap Tempo Switch (for 'Play Loop Once' mode), connect it to the EXP jack.



Image 1: Top view of the MXR Clone Looper pedal. This image displays the REC/DUB and PLAY/STOP footswitches, the VOLUME knob, and LED indicators for SPEED and REVERSE. Input and output jacks (IN, OUT, CTR, EXP, +9VDC) are visible on the top edge.



Image 2: Rear view of the MXR Clone Looper pedal. This image highlights the 1/4-inch IN, OUT, CTR, and EXP jacks, along with the 9VDC power input, providing a clear view of all connection points.

4. OPERATING INSTRUCTIONS

4.1 Basic Looping Functions

1. **Record:** Press the **REC/DUB** footswitch once to start recording. The REC/DUB LED will illuminate red.
2. **Play/Loop:** Press the **REC/DUB** footswitch again to close the loop and begin playback. The REC/DUB LED will turn off, and the PLAY/STOP LED will illuminate green.
3. **Overdub:** While a loop is playing, press the **REC/DUB** footswitch once to start overdubbing. The REC/DUB LED will illuminate red again. Press it a second time to stop overdubbing and continue playback.
4. **Stop Playback:** Press the **PLAY/STOP** footswitch once to stop the loop. The PLAY/STOP LED will turn off.
5. **Start Playback:** While the loop is stopped, press the **PLAY/STOP** footswitch once to resume playback.
6. **Undo Last Overdub:** While playing or overdubbing, press and hold the **REC/DUB** footswitch for approximately 1 second to undo the most recent overdub. The REC/DUB LED will flash briefly.
7. **Redo Last Overdub:** After undoing an overdub, press and hold the **REC/DUB** footswitch for approximately 1 second to redo it.
8. **Clear Loop:** To clear the entire loop, press and hold the **PLAY/STOP** footswitch for approximately 2 seconds. The PLAY/STOP LED will flash rapidly, then turn off.

4.2 Advanced Functions

- **Loop Volume:** Adjust the **VOLUME** knob to control the playback level of your loop.
- **Speed Change:** While a loop is playing, press and hold the **PLAY/STOP** footswitch, then quickly tap the **REC/DUB** footswitch to cycle through normal speed, half-speed, and double-speed. The SPEED LED will indicate the current speed (e.g., solid for normal, slow flash for half, fast flash for double).
- **Reverse Playback:** While a loop is playing, press and hold the **REC/DUB** footswitch, then quickly tap the **PLAY/STOP** footswitch to toggle reverse playback on or off. The REVERSE LED will illuminate when reverse is active.
- **Bypass Mode Selection:** The pedal can operate in either buffered bypass or true bypass. Refer to the full manual for instructions on how to switch between these modes, typically involving holding down a footswitch during power-up.

4.3 External Control (CTR & EXP Jacks)

- **CTR Jack:** Connect an MXR Tap Tempo Switch to the CTR jack to remotely control functions such as speed changes or reverse. Consult the MXR Tap Tempo Switch manual for specific assignments.
- **EXP Jack:**
 - Connect a DVP Volume Pedal to adjust the loop's output level externally.
 - Connect an MXR Tap Tempo Switch to engage 'Play Loop Once' mode, allowing for smooth live performances and DJ-style stutter effects.

5. MAINTENANCE

The MXR Clone Looper pedal is built for durability. To ensure its longevity and optimal performance:

- Keep the pedal clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Avoid exposing the pedal to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to open the pedal enclosure or modify its internal components, as this will void the warranty.
- Ensure proper power supply (9V DC, center negative) is always used. Incorrect power can damage the unit.

6. TROUBLESHOOTING

- **No Sound:**
 - Check all cable connections (instrument, amplifier, power).
 - Ensure the power adapter is correctly connected and functioning.
 - Verify the instrument and amplifier volumes are turned up.
 - Test with different cables to rule out faulty connections.
- **Poor Sound Quality / Noise:**
 - Ensure you are using the correct 9V DC power supply.
 - Check for ground loops if using multiple pedals.
 - Verify instrument cables are in good condition.
 - Adjust the VOLUME knob on the pedal.
- **Pedal Not Responding:**
 - Disconnect and reconnect the power supply.
 - Ensure footswitches are pressed firmly.
- **Loop Clears Unexpectedly:**
 - Ensure you are not accidentally holding down the PLAY/STOP footswitch for too long, which clears the loop.

7. SPECIFICATIONS

Model Number	M303
Brand	Jim Dunlop (MXR)

Item Weight	8 ounces
Product Dimensions	4.25 x 2.25 x 2 inches (10.8 x 5.7 x 5.1 cm)
Hardware Interface	1/4-inch Audio
Signal Format	Analog (through-path)
Power Source	9V DC (Power Plug)
Voltage	9 Volts
Max Loop Time	6 minutes (normal speed)
Overdubs	Unlimited
Sample Rate	Up to 88.2kHz

8. WARRANTY AND SUPPORT

Jim Dunlop Manufacturing, Inc. warrants its products to be free from defects in material and workmanship for a period of one year from the date of purchase. This warranty applies only to the original purchaser and is not transferable. For warranty service or technical support, please contact Jim Dunlop customer service directly or visit their official website for more information.

Please retain your proof of purchase for warranty claims.

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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.

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