

## MXR M282

# MXR M282 Mini Dyna Comp Bass Compressor User Manual

Model: M282 | Brand: MXR

## INTRODUCTION

The MXR M282 Mini Dyna Comp Bass Compressor is designed to provide the iconic Dyna Comp compression sound, specifically tuned for bass players. It features a classic CA3080 integrated circuit for quiet operation, transparency, and increased dynamic range. This pedal includes controls to shape the compression effect while preserving low-end integrity and tonal dynamics.



Figure 1: Front view of the MXR M282 Mini Dyna Comp Bass Compressor, showing the control knobs and footswitch.

## SETUP

### Power Connection

The M282 Mini Dyna Comp Bass Compressor requires a 9-volt DC power adapter (Dunlop ECB003 9-volt adapter is typically included). Connect the adapter to the 9V input jack located on the rear side of the pedal. This pedal does not support battery operation.



Figure 2: Rear view of the pedal, highlighting the 9V power input jack.

## Audio Connections

Connect your bass guitar to the INPUT jack on the right side of the pedal using a standard 1/4-inch instrument cable. Connect the OUTPUT jack on the left side of the pedal to your amplifier or the next pedal in your signal chain using another 1/4-inch instrument cable.



Figure 3: Side view showing the INPUT jack.



Figure 4: Side view showing the OUTPUT jack.

### Controls Overview

The MXR M282 Mini Dyna Comp Bass Compressor features four control knobs and one switch to precisely shape your bass tone and compression characteristics.



Figure 5: Detailed view of the pedal's control layout.

### CLEAN Knob

This control allows you to blend your unaffected, clean bass signal with the compressed signal. Turning it clockwise increases the amount of clean signal, helping to maintain low-end integrity and clarity, especially useful for preserving the fundamental tone of

your bass.

SENSITIVITY Knob

The Sensitivity knob adjusts the threshold at which the compression engages and the amount of sustain. Turning it clockwise increases the compression effect and the length of sustain. Higher settings will result in more noticeable compression.

OUTPUT Knob

This knob controls the overall output volume of the pedal. Adjust it to match the volume of your bypassed signal or to provide a boost when the effect is engaged.

TONE Knob

The Tone control adjusts the upper midrange frequencies of the compressed signal. This allows you to fine-tune the tonal dynamics and presence of your bass, ensuring your sound cuts through the mix without becoming muddy or harsh.

ATTACK Switch

This mini-toggle switch allows you to select between two attack times:

- **Slow (Vintage Style):** Provides a slower attack time, characteristic of classic compression, allowing the initial transient of your note to pass through before compression engages.
- **Fast (Modern Style):** Offers a faster attack time, instantly adding punch and clarity by compressing the initial transient more quickly.

Footswitch

The footswitch engages or bypasses the effect. Press it once to turn the effect on, and press it again to turn it off. The LED indicator will illuminate when the effect is active.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid using abrasive cleaners or solvents, as they may damage the finish or internal components.
- **Power Supply:** Always use a compatible 9V DC power adapter. Disconnect the power supply when the pedal is not in use for extended periods to prevent unnecessary wear.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight and extreme temperatures. If transporting, use a padded case to protect it from physical damage.
- **Connections:** Periodically check all cable connections for tightness and ensure cables are not frayed or damaged.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Loud "pop" sound when engaging/disengaging the effect.	This can sometimes occur with true bypass pedals due to DC voltage present on the audio line.	While often inherent to the design, ensure all cables are securely connected. If using other pedals, try isolating the Dyna Comp to see if the issue persists. Some users find that placing a buffer pedal before or after can mitigate this.
No sound or power to the pedal.	Incorrect power supply, faulty cable, or pedal not receiving power.	Verify the 9V DC power adapter is correctly connected and functioning. Check all instrument cables for damage. Ensure the power outlet is active.

Issue	Possible Cause	Solution
Compression effect is too strong or too subtle.	Incorrect Sensitivity or Output knob settings.	Adjust the SENSITIVITY knob to increase or decrease the compression level. Use the OUTPUT knob to set the desired volume. Experiment with the CLEAN knob to blend in more or less of your dry signal.

SPECIFICATIONS

Feature	Detail
Model Number	M282
Item Weight	4.6 ounces (0.13 Kilograms)
Product Dimensions	3.63 x 1.5 x 2.25 inches
Color	White
Hardware Interface	1/4-inch Audio
Signal Format	Analog
Power Source	Adapter (9 Volts DC)
First Available Date	February 1, 2019

WARRANTY AND SUPPORT

For information regarding the manufacturer’s warranty, please refer to the documentation included with your product or visit the official MXR website. For technical support, product registration, or service inquiries, please contact MXR customer service through their official channels. Keep your proof of purchase for warranty claims.

*Note: Third-party protection plans offered by retailers are separate from the manufacturer's warranty.*