

## MXR M225

# MXR Sub Machine Fuzz M225 Instruction Manual

Model: M225 | Brand: MXR

## 1. INTRODUCTION

The MXR Sub Machine Fuzz (Model M225) is a versatile guitar effects pedal designed to deliver a wide range of fuzz tones combined with a growling sub-octave circuit. Building on the circuitry of the La Machine Fuzz, this pedal offers extensive sonic exploration for guitarists seeking unique and powerful sounds. Its intuitive controls allow for precise blending of fuzz and sub-octave signals, along with an electrifying octave-up mode and flexible signal routing options.

## 2. SETUP

Before connecting your MXR Sub Machine Fuzz, ensure all other equipment is powered off to prevent potential damage.

- Power:** The M225 operates on a 9-volt power supply (not included) or a 9-volt battery. Connect a standard 9V DC adapter (center-negative) to the power jack on the rear of the pedal. If using a battery, remove the bottom plate to access the battery compartment.
- Input Connection:** Connect your guitar to the INPUT jack on the right side of the pedal using a standard 1/4-inch instrument cable.
- Output Connection:** Connect the OUTPUT jack on the left side of the pedal to your amplifier's input or the next pedal in your signal chain using a standard 1/4-inch instrument cable.



Figure 1: Side view of the MXR Sub Machine Fuzz, highlighting the INPUT jack. Connect your guitar or previous effect pedal here.



Figure 2: Side view of the MXR Sub Machine Fuzz, highlighting the OUTPUT jack. Connect to your amplifier or next effect pedal here.



Figure 3: Rear view of the MXR Sub Machine Fuzz, showing the 9V power input jack. Use a standard 9V DC center-negative adapter.

### 3. OPERATING CONTROLS

The MXR Sub Machine Fuzz features a straightforward control layout for easy tone shaping.



Figure 4: Top view of the MXR Sub Machine Fuzz, showing all control knobs and switches.

- **VOLUME Knob:** Controls the overall output level of the effect.
- **TONE Knob:** Shapes the tonal character of the fuzz, from dark and thick to bright and cutting.
- **FUZZ Knob:** Adjusts the intensity and saturation of the fuzz effect.
- **SUB OCTAVE Knob:** Controls the output level of the sub-octave signal. Turn clockwise for more sub-octave.
- **OCTAVE Switch:** Toggles the fuzz signal into an electrifying octave-up mode when engaged.
- **SERIES Switch:** Selects the routing of the sub-octave signal. In Series mode, the sub-octave signal runs directly into the fuzz circuit for subterranean saturation. In Parallel mode, the sub-octave signal runs alongside the fuzz for a split-channel effect.
- **FOOTSWITCH:** Engages or bypasses the effect. The pedal features true bypass switching, ensuring your dry signal remains unaffected when the pedal is off.

### 4. SOUND EXPLORATION & USAGE TIPS

The MXR Sub Machine Fuzz offers a wide tonal palette. Experiment with the controls to discover your preferred sounds:



- **Vintage Fuzz:** Start with the SUB OCTAVE knob fully counter-clockwise (off) and adjust FUZZ and TONE to dial in classic fuzz tones. Engage the OCTAVE switch for searing octave-up fuzz.
- **Subterranean Saturation:** Engage the SERIES switch and gradually increase the SUB OCTAVE knob. This routes the sub-octave directly into the fuzz, creating a thick, heavy, and saturated sound.
- **Split Channel Effect:** Disengage the SERIES switch and blend the SUB OCTAVE with your fuzz tone. This creates a distinct, layered sound where the sub-octave retains more clarity alongside the fuzz.
- **Sub-Octave Only:** Turn the FUZZ knob fully counter-clockwise (off) and adjust the SUB OCTAVE knob for a clean sub-octave effect.

## 5. MAINTENANCE

To ensure the longevity and optimal performance of your MXR Sub Machine Fuzz, follow these maintenance guidelines:

- **Cleaning:** Wipe the pedal with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Battery Replacement:** If using a 9-volt battery, replace it when the LED indicator dims or the sound quality degrades. To replace, remove the four screws from the bottom plate of the pedal. Carefully lift the plate and disconnect the old battery. Connect a new 9-volt battery, ensuring correct polarity, and reattach the bottom plate.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight and extreme temperatures when not in use.



Figure 5: Bottom view of the MXR Sub Machine Fuzz, showing the battery compartment cover. Remove screws to access the battery.

## 6. TROUBLESHOOTING

If you encounter issues with your MXR Sub Machine Fuzz, try the following basic troubleshooting steps:

- **No Sound:** Check all cable connections. Ensure the power supply is correctly connected and functioning, or that the battery is fresh and properly installed. Verify that your guitar and amplifier are working correctly.
- **Unwanted Noise:** Ensure all cables are in good condition and properly shielded. Try using a different power supply to rule out noise from the adapter. Check for ground loops if using multiple pedals.
- **Effect Not Engaging:** Ensure the footswitch is fully depressed. If using a battery, check its charge.

## 7. SPECIFICATIONS

Feature	Specification
Item Weight	8 ounces (227 grams)
Product Dimensions	5.5 x 4.5 x 2.5 inches
Power Source	9 Volts (Battery Powered)
Connector Type	1/4 inch audio
Hardware Interface	1/4-inch Audio
Signal Format	Analog
Color	Black, Purple, Silver

## 8. WHAT'S IN THE BOX

- MXR M225 Sub Machine Octave Fuzz Pedal