

MXR
MX100 Analog
Tone Processor



MXR MX100 Analog Tone Processor User Manual

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MXR MX100 Analog Tone Processor



Specifications

- **Input Impedance:** 700k
- **Output Impedance:** 1.8 k
- **Current Draw:** 120 mA
- **Bypass:** Buffered Bypass
- **Power Supply:** 9 volts DC

Product Usage Instructions

External Controls

The MX100 Analog Tone Processor features various external controls for adjusting and customizing your tone:



- CTRL jack for external control with off-board switch
- FOOTSWITCH for effect on/bypass
- MODE button for cycling through tone presets
- VOLUME slider for adjusting output volume
- INPUT GAIN slider for adjusting input gain level
- CHORUS button for adding chorus effect

Power and Output Switch

Ensure proper power settings and output configurations:

- **Power:**

Use a 9-volt DC power supply

- **INTERNAL MONO/STEREO OUTPUT SWITCH:**

Toggle between mono and stereo modes for different output configurations.

Alternate Setup Options

- Explore alternate setup options for different tonal enhancements:
- The Rockman X100 Analog Tone Processor can be used in various setups, including connecting it to your amp's FX loop or a full-range speaker system for different tonal responses.

The MXR Rockman X100 Analog Tone Processor revives the signature sonic character of Tom Scholz's celebrated headphone amp and signal processor in pedal form. Offering crystalline cleans, crunchy harmonics, and shimmering modulation, the original X100 unit defined the sound of arena rock. This faithful, all-analog recreation features the same four tonal presets, carefully calibrated compression for a clear sound whether clean or distorted, the same bucket-brigade chorusing as the original, both mono and stereo modes, and optional external mode switching for an enhanced user experience.

External Controls

1. CTRL jack allows MODE function to be controlled with an off-board switch such as the MXR Tap or MXR TRS Split + Tap.
2. FOOTSWITCH toggles effect on/bypass
3. MODE button cycles through four different tone presets: two differently equalized clean modes with high-power sustain and two distinctively gritty dirty modes.
4. **CLN2 mode:** Default setting. Provides a clean, crystal clear tone.
5. **CLN1 mode:** Mid-focused EQ curve. Tuned for a tight, punchy sound.
6. **Edge mode:** Moderate clipping. Very sensitive to INPUT GAIN adjustments and cleans up nicely at low guitar volume settings.
7. **Distortion mode:** High-energy overdrive and sustain that makes for easy, fluid leads.
8. VOLUME slider adjusts overall output volume.
9. INPUT GAIN slider adjusts input gain level. Increase for a more compressed sound.
10. CHORUS button adds chorus effect.

Controls

• Power

The MXR® Rockman® X100 Analog Tone Processor requires 9 volts and can be powered by a Dunlop ECB003 9-volt adapter or an MXR® Brick™ Series power supply.

• INTERNAL MONO/STEREO OUTPUT SWITCH

- Remove bottom plate to access. This switch toggles between mono mode (default) and stereo mode at the OUTPUT jack.
- **MONO MODE:** Entire signal goes to OUTPUT jack. Use a standard instrument cable.

STEREO MODE: When using a TRS splitter cable, the selected MODE preset will be split evenly to both channels. If CHORUS effect is engaged, the effect will be varied on the left and right channels for a more spacious and dynamic effect. **Note:** If using a standard (mono) instrument cable in stereo mode, the pedal will work as if in mono mode but the signal will be cut when pedal is bypassed.

• ALTERNATE SETUP OPTIONS

The Rockman X100 Analog Tone Processor is designed to enhance your tone through any setup. But if you want a subtler high-end response, try running the pedal into the return of your amp's FX loop or a full-range/flat-response speaker system.

FAQ

Q: How do I switch between different tone presets?

A: Use the MODE button to cycle through the four different tone presets available on the MX100.

Q: How can I enhance the stereo effect when using the pedal in stereo mode?

A: Engage the CHORUS effect and use a TRS splitter cable to split the selected MODE preset evenly to both channels, creating a more dynamic and spacious stereo effect.

Documents / Resources

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The MXR Rockman X100 Analog Tone Processor
reminisces the signature sonic character of Tom Scholz's celebrated headphone amp and signal processor in pedal form. Offering crystal-clear cleans, crunchy harmonics, and alternating modulation, the original X100 unit defined the sound of arena rock. This faithful, all-analog recreation features the same four tone presets, carefully calibrated compression for a clear sound whether clean or distorted, the same bucket-brigade chorusing as the original, both mono and stereo modes, and optional external mode switching for an enhanced user experience.

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References

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