

# MX300 Stereo Reverb/Effects Processor

lexicon®

Unprecedented power and connectivity for the stage and studio.



STUDIO

Plug-in programming & recall with the power of Lexicon hardware.

STAGE

That great Lexicon sound, hands-on control & road-rugged construction.

Our revolutionary MX200 and MX400 changed everything. The great sound of a hardware Lexicon reverb — plus the ability to put that power to work as part of your DAW workflow via PC VST® and Mac® AU plug-ins. Now we've packed a significant portion of the MX400's feature set into the ultra-affordable MX300.

All parameters of every reverb, delay and dynamic effect in this powerhouse processor are available inside any PC VST® or Macintosh® AU compatible DAW program. Just link your computer to the MX300 with a USB cable and control automation and recall parameters exactly as you would with any software plug-in. You get the sonic benefits only Lexicon hardware can provide...without bogging down your computer's CPU with the extreme demands of reverb plug-ins.

Along with our unique "hardware plug-ins" for PC and Mac®, we've also included MX-Edit™ Librarian software so you can store and recall custom programs or pull up an unlimited number of Lexicon settings.

We urge you to do a serious side-by-side listening test of the MX300 versus comparably-priced competition and units costing far more. You'll hear why Lexicon is the leader in reverberation effects. Why not put the unprecedented power and connectivity of the MX300 to work on your productions?



When money is no object, Lexicon gets written into more major tour riders than any other brand of reverb. But when money *is* a concern, you can *still* have the rich, detailed texture that makes the

Lexicon sound unique. Here is a full arsenal of voice and instrument-enhancing effects including sixteen Lexicon reverbs, seven delays, genuine dbx® compression and de-essing and modulated effects that will make any performance sound better.

## MX300 Stereo Reverb

- 2-in / 2-out configuration
- 16 legendary Lexicon® reverbs
- Lexicon delays & modulation effects
- dbx® compression and de-essing
- Input Gain Control for stereo inputs
- Intuitive Navigation/Editing with large LCD screen, Page/Select Wheel, 3 top-level parameter controls plus Exit, Tempo and Bypass selectors
- 5 effect routing options
- 99 Factory / 99 User programs
- USB "Hardware Plug-In" feature with VST® and Audio Units plug-in software
- MX-Edit™ Editor/Librarian software
- S/PDIF Digital Input/Output
- 24-bit, 48kHz/44.1kHz sample rates
- ¼" footswitch jack
- MIDI IN and THRU
- XLR and ¼" TRS balanced I/O

We designed the MX300 to be ultra-easy-to-use in demanding live sound situations. Once a program has been selected, you have instant access to three parameter knobs — instead of having to page through extra menus. You can program a whole night of presets, and dial them up quickly with the dedicated program select knob and bright LED display.

Like every product that Lexicon makes, the MX300 is designed to withstand years of jarring, jostling, load-ins, load-outs, brown-outs and power surges. It's simply the most live reverb ever offered at this price.

**The first time** you ever heard reverb on an album track, chances are you were hearing Lexicon. We invented

digital processing. And we've been perfecting it for thirty years.

lexicon®

# MX300 Stereo Reverb/Effects Processor



Stereo Gain LED ladders.  
Input gain level control.

Configuration LEDs.

Main LCD screen shows effect routing, program names, effects and parameters, System settings.

Page Select knob for choosing effects & System menus.

Exit button.  
Tempo manually sets delay times.

Effect Bypass.  
Three Parameter adjustment knobs.  
Program Bypass.

User/Factory program LEDs.  
System menu access.  
Stores or copies programs to memory settings.

Program/Load selects factory or user programs.  
Program indicator.

Standard IEC line cord — no wall wart!

USB to your computer.  
Footswitch jack.

MIDI In and Thru.

S/PDIF digital input and output.

¼" TRS balanced/unbalanced and XLR balanced outputs.

¼" TRS balanced/unbalanced and XLR balanced inputs.

## REVERBS

- Small Hall
- Large Hall
- Small Plate
- Large Plate
- Room
- Chamber
- Gated
- Reverse
- Vocal Hall
- Vocal Plate
- Drum Hall
- Drum Plate
- Ambience
- Studio
- Arena
- Spring

## DELAYS

- Studio Delay
- Mono Delay
- Tape Delay
- Pong Delay
- Mod Delay
- Reverse Delay
- 2-Tap Delay

## dbx® DYNAMICS

- Compressor
- De-Esser

## MODULATED EFFECTS

- Chorus
- Flanger
- Phaser
- Tremolo / Pan
- Rotary
- Vibrato
- Pitch Shift
- Detune

All MX300 reverbs, delays, dynamics and effects parameters can be accessed and edited from the included PC VST® and Macintosh® Audio Units plug-ins.

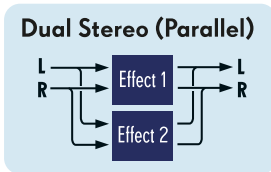
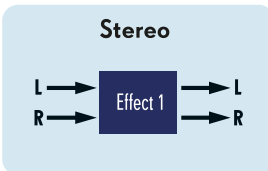
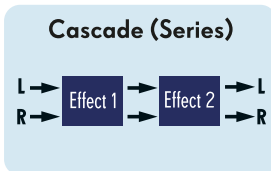
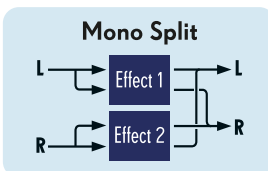
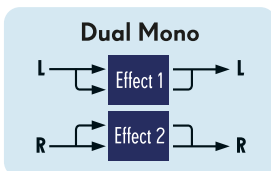
## Choose from five effects routing options

The MX300 lets you switch effect routings easily via front panel controls, so you don't have to spend time behind your rack changing cables. **Dual Mono** sends the Left and Right input signals through Effect 1 and Effect 2 respectively. Each signal is then routed to its respective output, completely independent from the other. **Cascade (Series)** sends Left and Right input signals first through Effect 1, then through Effect 2, and then routed as a stereo signal to their respective outputs.

**Dual Stereo (Parallel)** routes Left and Right input signals through both effects independently. Both Effects' output signals are then mixed together, and routed to both the outputs as a single stereo signal.

**Mono Split** sends Left input signal through Effect 1, while the Right input signal is sent through Effect 2. The output signals of both Effects are then mixed together, and routed to both the outputs as a single stereo signal.

**Stereo routing** provides a single stereo effect path for Left and Right signals. This routing removes one of the effect modules for users requiring a streamlined signal path with only a single effect for their needs — but taking advantage of all of the MX300's processing horsepower.



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## MX300 Specifications

### Analog Audio Inputs

Connectors	Two ¼" balanced TRS Two XLR female
Impedance	50k Ohms bal., 25k Ohms unbal.
Input Level	+4 dBu nominal, +24 dBu maximum 48kHz or 44.1kHz
A/D Conversion	24-bit, 48kHz 128 x oversampling

### Analog Audio Outputs

Connectors	Two ¼" TRS balanced Two XLR male
Impedance	2k Ohms bal., 1k Ohms unbal. ¼" only
Output Level	+4 dBu or -10 dBV nominal (software adjustable), 24 dBu maximum 48kHz or 44.1kHz
D/A Conversion	24-bit, 44.1/48kHz 128x oversampling

### Analog Audio Performance

Frequency Response	10 Hz - 20kHz +0 dB/-0.5 dB
THD+N	<0.0019% 10Hz - 20kHz
Dynamic Range	>109 dB (A-weighted) A/A
Crosstalk	typical <-80 dB 20Hz - 20kHz

### Digital Input and Output

Connectors	Dual RCA phono (S/PDIF)
Format	S/PDIF 24-bit
Sample Rate	44.1kHz or 48kHz
Processing Delay	3.7 ms @ 48 kHz
Frequency Response	10Hz to 22kHz ±0.5 dB @ 48kHz

### Control Interface

USB	USB 1.0 for MX-EDIT™ Editor/Librarian and VST™/Audio Units plug-ins
MIDI	In/Thru 5-pin DIN
Footswitch	¼" phone jack

### General

Power	100-120 VAC 50/60Hz, 18 Watts 220-240 VAC 50/60Hz, 18 Watts
Size (W/H/D)	19" x 1.75" x 7.25"/6.375" (483 x 44 x 185mm*/162 mm)
Weight	5.8 lbs (2.63kg)

\*including knobs.

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