MX400XL Dual Stereo/Surround Reverb Processor

lexicon®

The compact-but-luxurious Lexicon® 4x4 for studio or live terrain.

STUDIO

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

STAGE

4-in/4-out versatility, hands-on control & road-rugged construction.

You want the rich, luscious sound that's defined studio reverb for three decades: a genuine Lexicon hardware processor. But you *also* want the flexibility of programming high-quality effects right inside your DAW program…without bogging down your CPU or resorting to expensive processing cards.

Have it all with the MX400XL. All parameters of every reverb, delay and dynamic effect in this powerhouse quad processor are available inside any VST® or AU compatible DAW program. Just link your computer to the MX400XL with a USB cable and control all automation and recall parameters exactly as you would with any software plug-in — while enjoying the sonic benefits only Lexicon hardware can provide.

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 your choice of 223 genuine Lexicon settings including 25 dedicated Surround Programs.

At its heart, the MX400XL is everything you would expect from the company that invented digital reverberation. Seventeen Lexicon reverbs, delays and modulation effects plus dbx® compression and de-essing. A generous LCD display and big comfy knobs you can get your hands around.

Get a demo at your Lexicon dealer. And then get on the road to creating a hit.

MX400XL Dual Stereo Reverb

- **17 legendary Lexicon® reverbs**
- **Lexicon delays & modulation effects**
- **dbx® compression and de-essing**
- **Quad-processor design**
- **7 effect routing options**
- **99 Factory/99 user programs for Stereo mode**
- **99 Factory/99 user programs for Dual-Stereo mode**
- **25 Factory/25 user surround programs**
- **USB "Hardware Plug-In" feature with VST® and Audio Units plug-in software**
- **MX-Edit™ Editor/Librarian software**
- **Dual S/PDIF Digital Input/Output**
- **24 bit, 48kHz/44.1kHz sample rates**
- **Large front panel LCD display**
- **MIDI IN and THRU**
- **Balanced/unbalanced XLR I/O**

Meet the most Lexicon power ever offered in a super-affordable 1RU effects processor. Perfect for band PAs, churches and clubs.

We know you need to be able to make changes quickly, so we designed the MX400XL's intuitive front panel to be a bare minimum of knob tweaks away from any adjustment or effects change. For example, three individual, assignable parameter controls mean you don't have to page through menus to fine tune a reverb tail.

Because you can use its built-in dbx® compression and de-essing in tandem with reverb, the MX400XL is the perfect tool for taming problem vocalists.
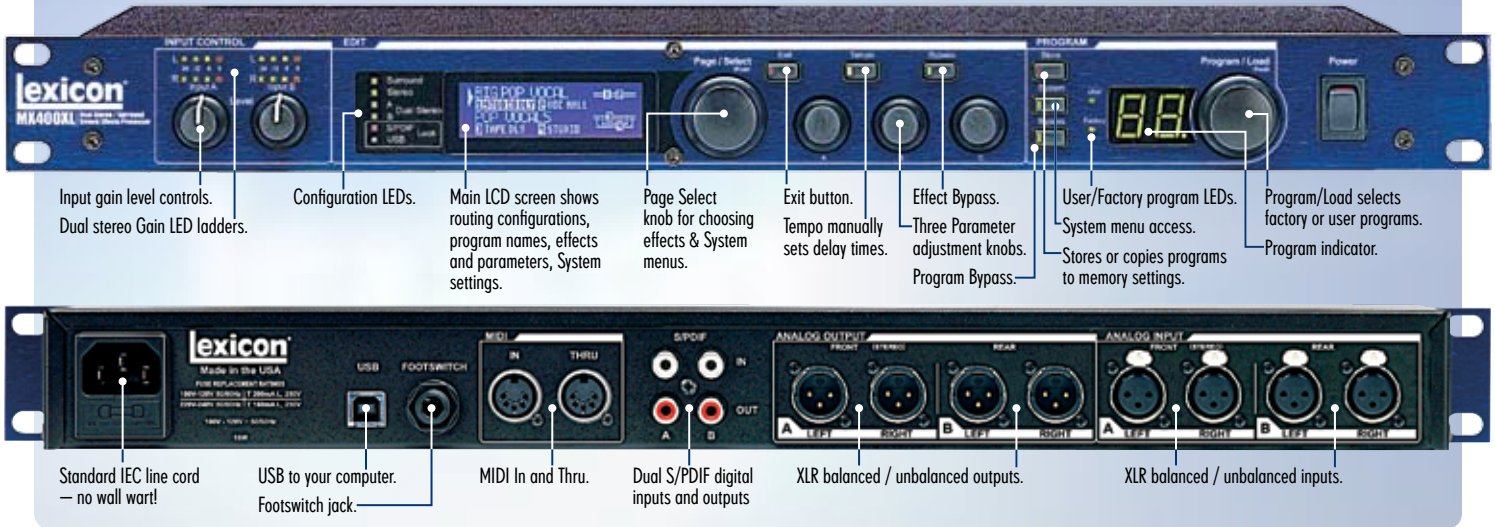
Finally, you can rely on the MX400XL for years to come, through countless load-ins and load-outs — although its sound is A-studio-quality, we designed the MX400XL to withstand dust, moisture, shock, power surges and all the other rigors of live sound use.

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.

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MX400XL Dual Stereo/Surround Reverb Processor

Input gain level controls.
Dual stereo Gain LED ladders.

Configuration LEDs.

Main LCD screen shows routing configurations, 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.

Dual S/PDIF digital inputs and outputs

XLR balanced / unbalanced outputs.

XLR balanced / unbalanced inputs.

REVERBS

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

DELAYS

Studio Delay
Digital 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
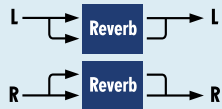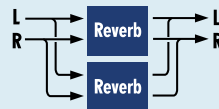
All MX400XL reverbs, delays, dynamics and effects parameters can be accessed and edited from the included VST® and Audio Units plug-ins.

Seven Effects Routing Options

The MX400XL lets you switch effect routings automatically via front panel controls, so you don't have to spend time behind your rack changing cables to instantly re-purpose its four powerful processors.

From basic quad mono, to stereo to more complex dual stereo configurations, you can have 'em all at the twist of a knob.

MX400XL Specifications

Analog Audio Inputs

Connectors	four XLR balanced or unbalanced
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	four XLR balanced or unbalanced
Impedance	2k Ohms bal., 1k Ohms unbal.
Output Level	+4 dBu or –10 dBV nominal (software adjustable), 24 dBu maximum 48kHz or 44.1kHz
D/A Conversion	24-bit, 48kHz 128 x 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	44.1 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/Out 5-pin DIN
Foot Pedal	¼" phone jack

General

Power	117 VAC or 230 VAC, 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 (2.6 kg)

*including knobs.

Also available: MX400 with balanced/unbalanced ¼" TRS inputs and outputs.

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