LINDELL AUDIΩ

ANALOG FEEL IN A DIGITAL WORLD

6X-500 USER MANUAL

www.lindellplugins.com

Congratulation on purchasing the Lindell audio 6X-500 preamp plug-in.

- Faithful hardware circuit emulation of the Lindell Audio 6X-500 Module
- Passive Pultec Equalizer
- Transformer Balanced Input and Output
- Precision 5 Slopes Low Pass and High Pass Filters
- Analog Warmth and Non Linearities

Overview

Gain

Controls the level of the signal entering the circuit.
Range: -24 dB … +24 dB

Output

Controls the output level of the plugin. Unlike the hardware 6X-500 unit, the output level is placed **after** the output transformer. This lets you control the amount of transformer saturation with the *gain* and *output* controls.
Range: -24 dB … +24 dB

Link

Links the *gain* and *output* parameter together to maintain unity level of the plugin (except EQ boost).

High boost

High boost filter level. The filter inductor saturation is simulated only when *analog* parameter is on.

High boost frequency

3 positions frequency select switch:

- 6 kHz
- 10 kHz
- 16 kHz

Low boost

Low shelf boost level.

Low boost frequency

3 positions fequency select switch:

- 30 Hz
- 60 Hz
- 100 Hz

EQ in

Activates the high boost and low boost filters.

Polarity

Inverts the polarity (180° phase).

Analog On

Activates analog emulation elements such as:

- Output transformer emulation and saturation
- Noise
- Power supply unit hum

This lets you choose between a very clean and neutral circuit or an analog warm circuit.

Low pass filter

Filter that blocks the upper frequencies of the signal.

Frequency

Frequency of the filter: 20 Hz to 20 kHz.

Slope

5 possible slope values :

- 6 dB / octave (1 pole)
- 12 dB / octave (2 x 1 pole in series)
- 18 dB / octave (3 x 1 pole in series)
- 24 dB / octave (4 x 1 pole in series)
- 36 dB / octave (6 poles Butterworth)

Filter On

Activates the filter.

High pass frequency

Filter that blocks the lower frequencies of the signal.

Frequency

Frequency of the filter: 20 Hz to 20 kHz.

Slope

5 possible slope values :

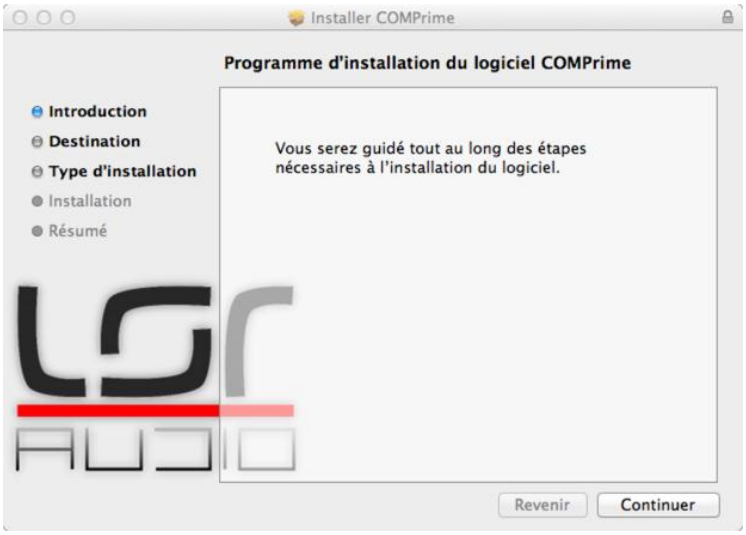
- 6 dB / octave (1 pole)
- 12 dB / octave (2 poles Butterworth)
- 18 dB / octave (3 poles Butterworth)
- 24 dB / octave (4 poles Butterworth)
- 36 dB / octave (6 poles Butterworth)

Filter On

Activates the filter.

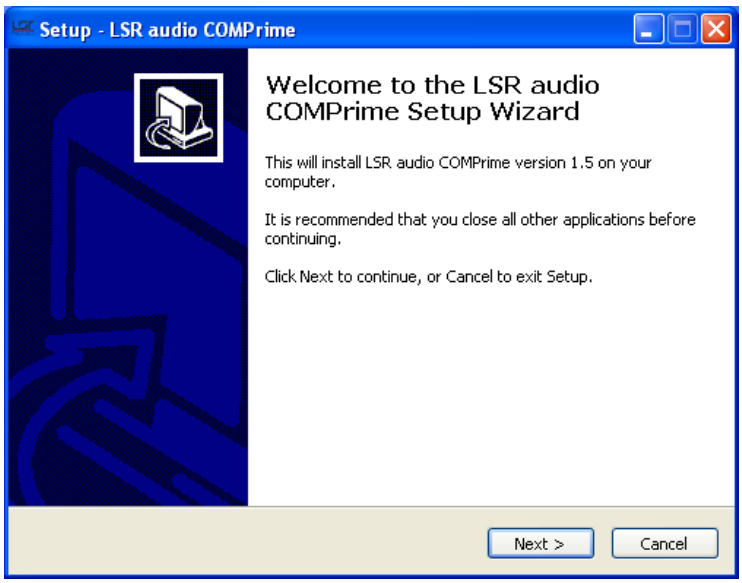
Installation

OSX



Open the “Lindell 6X-500.pkg” file and and follow the instructions. Select “custom install” at third step if you want to choose the plug-in formats that will be installed.

Windows



Execute the “Lindell 6X-500.exe” file, and follow the instructions.

Company

”Lindell Audio” was started 2010 by record producer Tobias Lindell. Resident producer at Bohus Sound Studios. http://bohussound.com/ . He set out to design recording equipment to satisfy his own way of working. Developing functions and user interface that didn’t exist on the market.

Our goal as a gear manufacturer is simple; Produce recording equipment, designed by engineers for engineers. Our level of details and quality is just top notch…

Credits

Concept and Design: Tobias Lindell
Algorithms, Design and GUI: Emmanuel Dubecq, LSR audio

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