

# LINDELL AUDIOΩ

ANALOG FEEL IN A DIGITAL WORLD  
6X-500 USER MANUAL



[www.lindellplugins.com](http://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 frequency 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 :

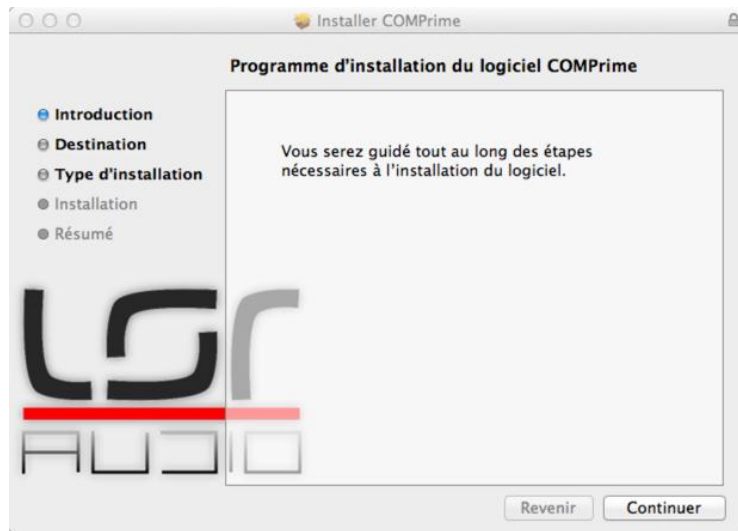
- 6 dB / octave (1 pole)
- 12 dB / octave (2 poles Butterworth)
- 18 dB / octave (3 poles Butterworth)
- 24 dB / octave (4 poles Butterworth)
- 36 dB / octave (6 poles Butterworth)

### **Filter On**

Activates the filter.

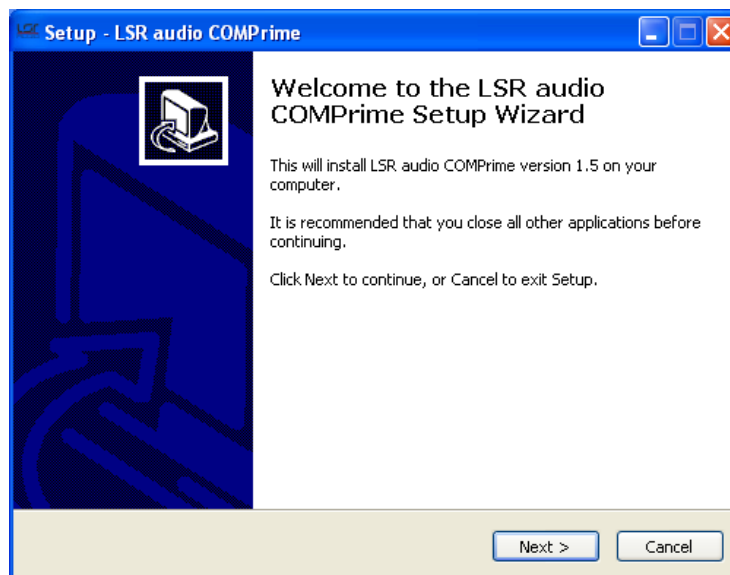
## Installation

### OSX



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

### Windows



6X-500 User Guide

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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