

# PEX-500

## *User manual*



# LINDELL PLUGINS

ANALOG FEEL IN A DIGITAL WORLD



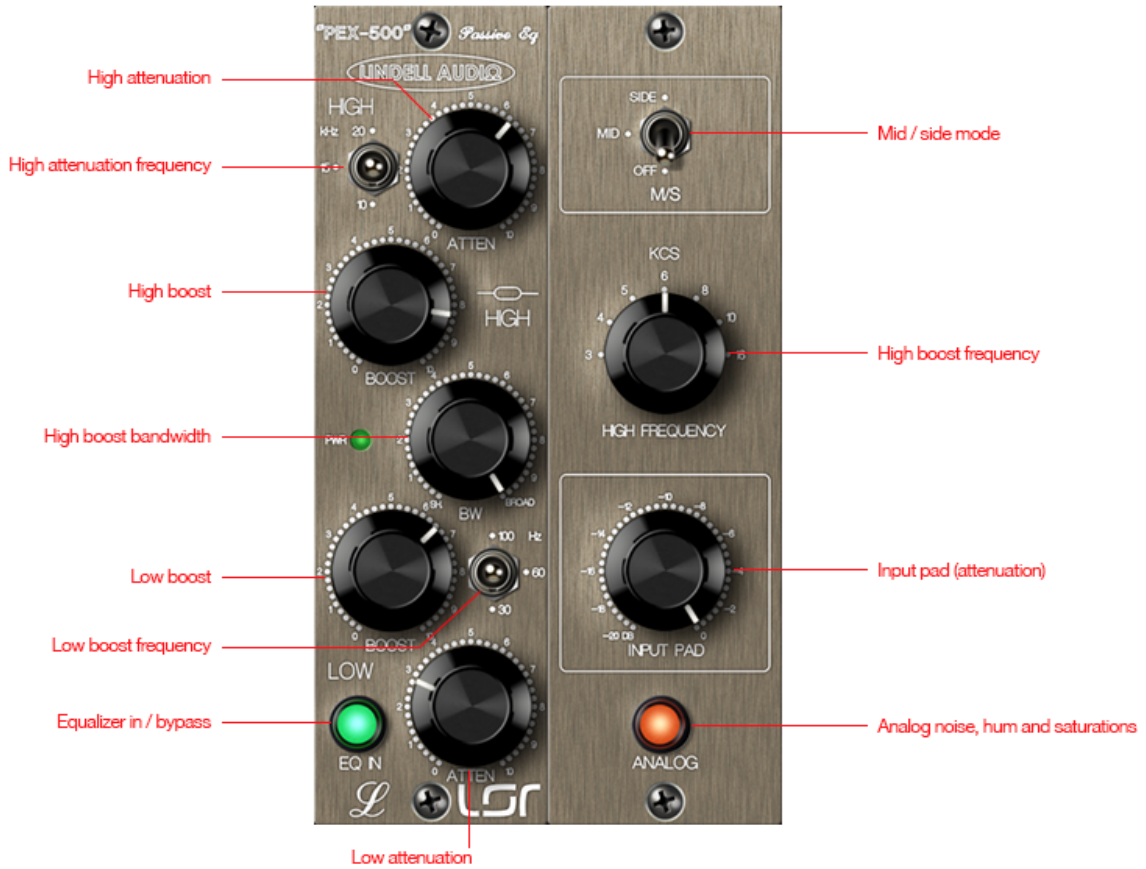
## Introduction

Congratulation on purchasing the Lindell audio PEX-500 FET compressor plug-in.

- Faithful hardware circuit emulation of the Lindell audio PEX-500 module
- Pultec Style Equalizer
- Passive Eq design with a hybrid opamp gain make up circuit
- Transformer balanced output
- Analog warmth and non linearities

# User interface

## Overview



## High attenuation



Controls a high shelf attenuation.

## High attenuation frequency



Three values are available :

- 10 kHz
- 15 kHz
- 20 kHz

## High boost



Controls the gain of the high boost bell.

## High boost frequency



Controls the high boost bell frequency. Note that the “KCS” is equivalent to “kHz”.

## High boost bandwidth



Controls the high boost bell bandwidth.

## Low boost



Low shelf boost.

## Low attenuation



Low shelf attenuation.

## Low frequency



The same frequency switch controls the low boost and the low attenuation. When used together, the boost and attenuation don't cancel each other but creates a unique curve often used on kick drums or bass.

## Mid / Side mode



Mid / side mode enables to equalize differently the part of the signal that is localized in the center of the stereo and the part on the sides.

Three values are available :

- Off: turns mid / side mode off.
- Mid: mid / side mode is on and the panel controls the middle equalization.
- Side: mid / side mode is on and the panel controls the sides equalization.

## Input pad



Attenuates the signal that enters in the equalizer. Use it to compensate high or low boost.

## 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.

## 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

Tests: Plugin Alliance