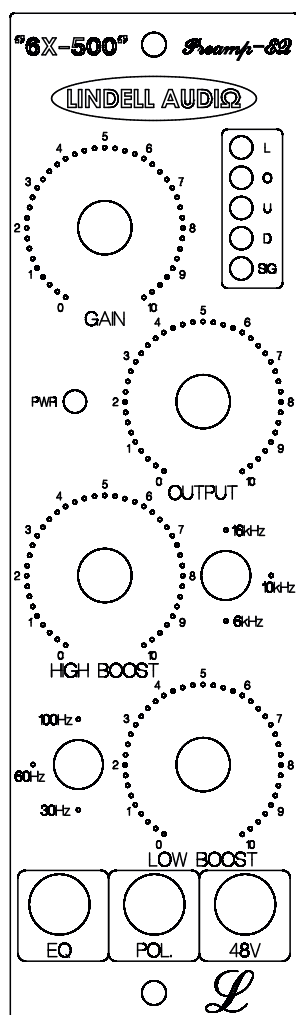




LINDELL AUDIOΩ

6X-500

USER MANUAL



CE

RoHS

www.lindellaudio.se
info@lindellaudio.se

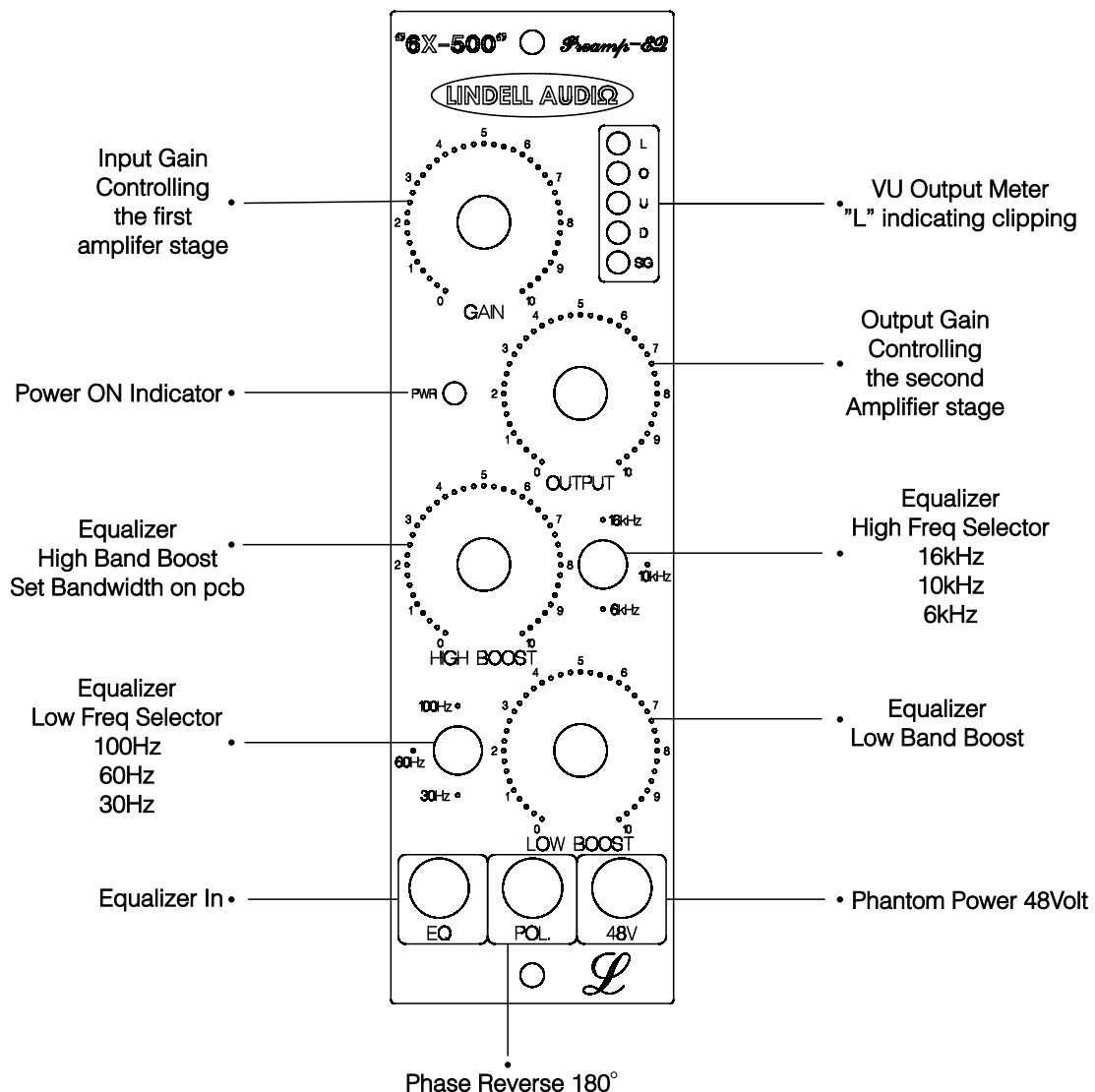


Thank YOU for purchasing the Lindell Audio 6X-500 Preamp Equalizer!

The Six X Five Hundred is a one channel transformer coupled Microphone Preamplifier and Passive 2 Band Pultec Equalizer. It's an all discrete design based upon the great 990 amplifier. The Equalizer is our take on the magical classic Pultec design. It's got 15db boost of the creamiest high end you've ever heard and the most punchy low end heard the 21th Century.

The Sound can be described as "Fast" "Punchy" and "In ya face".

The 6X-500 fits in all 500 series compatible power supplies.





How to Install the module into a power chassi:

- 1) Power OFF the power chassi
- 2) Unpack the module and make sure nothing surrounds the card edge connector
- 3) Carefully slide the module into an empty slot in your power chassi
- 4) Make sure the module connectors sits well into the mating Edac chassi connector
- 5) Power ON the power chassi
- 6) Rock'n'Roll

FEATURES AND SPECIFICATIONS

- * 65db Gain
- * Transformer Balanced Input & Output
- * Passive Pultec Style Equalizer using inductor and 990 discrete amplifier
- * 3 Step Switched Eq Low Freq Boost 30Hz, 60Hz, 100Hz +/-10%
- * 3 Step Switched Eq High Freq Boost 6kHz, 10kHz, 16kHz +/-10%
- * Selectable High Boost Bandwidth on pcb
- * Pin Compatible with 990&2520 type op-amps
- * 48V Phantom Power
- * Phase Reverse
- * 5-LED VU Meters
- * Compatible with all 500 series power chassis
- * Runs on +/- 16V, 48V
- * Power Consumption 60mA
- * Input Impedance 2.4 kΩ
- * Output Impedance 70 Ω
- * Max. Output 30.5V
- * Freq. Resp. 10Hz-40kHz
- * Noise 11μV 125μPa
- * Distortion 0.02% typical
- * Size Module 1.5" X 5.25" X 7"
- * Size Packing box 3.4" X 6" X 9.1"
- * Weight Module 1.65 lbs.
- * Weight Packed 2 lbs.

Specifications are subject to change without notice.



www.lindellaudio.se
info@lindellaudio.se

CE





CREDITS

- * Concept & Design: Tobias Lindell
- * PCB, Circuit & Electrical Design: Igor Sobczyk
- * Transformer Design: Chris Smith
- * Inductor Design: Adam Misków
- * Production Manager: Dariusz Meiser
- * Country of Manufacturing: Poland, Europe

WARRANTY

- * Lindell Audio warrants all of our products to be free from defective parts and workmanship for a period of one year.
- * The warranty period begins at the original purchase date and is transferable within the period of warranty.
- * This warranty excludes the following conditions: misuse, modifications (eg: changing of transformers, opamps, etc) or unauthorized repair, brute force usage and damage incurred during shipment.
- * During the time of the warranty, Lindell Audio will repair or replace any defective parts, via our distributors free of charge.
- * Customers are responsible for all inbound freight charges to the service facility, while Lindell Audio will pay for return freight.

COMPANY INFORMATION

I started "Lindell Audio" back in 2010 and set out to design recording studio equipment to satisfy my own way of working. Developing functions and user interface that didn't exist on the market. I'm resident producer at Bohus Sound Studios. <http://bohussound.com/> Where I produced and mixed many hit records thru out the years:
Europe – Last Look At Eden, Mustasch – Latest Version Of The Truth & Mustasch,
Hardcore Superstar – Split Your Lip, Crash Diet, Bullet, Avatar, HEAT, Von Benzo, etc.

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...

Tobias Lindell

Showroom, Swedish Office:
Lindell Audio, Utmarksvägen 6, 442 39 Kungälv, Sweden
Phone: +46 735 358979

Mother Company:
New Sound Trading Ltd., Faulkner House, Mill Lane, Sauston,
Cambridgeshire, CB22 3HY, England
VAT: Gb136 8371 96

6X-500 RECALL SHEET

60X-500 Lindell Audio

LINDELL AUDIO

GAN

OUTPUT

PWR

HIGH BOOST

EQ POL LOW BOOST

[illegible]

The diagram shows the internal layout of the Lindell Audio 6X-500S chassis. Key components and controls include:

- Controls:** A row of five knobs at the top labeled L, O, U, D, and EQ. Below them are three more knobs labeled LOW BOOST, POL., and EQ.
- Amplifier Section:** A large circular area labeled "6X-500S" with a central circle and a dotted outer ring.
- Output Section:** A circular area labeled "OUTPUT" with a central circle and a dotted outer ring.
- High Boost Section:** A circular area labeled "HIGH BOOST" with a central circle and a dotted outer ring.
- Power Section:** A circular area labeled "PWR" with a central circle and a dotted outer ring.
- Frequency Response:** A row of four knobs labeled 100-Hz, 60-Hz, 30-Hz, and 15-Hz.
- Branding:** The "LINDELL AUDIO" logo is on the left, and the "L" logo is on the right.

6X-500P

LINDELL AUDIO

PWR

GAIN

LOW BOOST

100-Hz

30-Hz

60-Hz

10-Hz

48V

POL

Track

Track

Track

Track

Track

Track

Song:

Project:

Engineer:

Studio:

