



GREENBOX[®]

P R O A U D I O

W E L C O M E T O G R E E N B O X P R O A U D I O



hand made in brazil



HAMMERED

TUBE OPTO COMPRESSOR

MANUAL DE INSTRUÇÕES

instruction manual

HAMMERED

TUBE OPTO COMPRESSOR



SOBRE ESTE PRODUTO

BR LANGUAGE

O HAMMERED é um Opto Compressor com o sinal de áudio valvulado.

Equipado com uma válvula 12AX7, o Hammered extrai todo o desempenho e a magnitude da válvula.

O sinal do áudio passa completamente pela válvula, e com isso alcança uma sonoridade rica em harmônicos proporcionados pela 12AX7.

Além disso, é equipado com um transformador de áudio Greenbox Custom T que em conjunto com a 12AX7 oferecem uma sonoridade fantástica.

Ainda no estágio do sinal de áudio, encontra-se um switch para alternar entre a sonoridade Modern e Vintage.

Estes dois modos sonoros atuam diretamente na válvula, e quando está no modo Modern o sinal passa a ter um boost nos graves, atuando por volta dos 70Hz abaixo.

Quando no modo Vintage, esse boost é desativado e o equipamento passa a atuar mais linear.

No demais, o hammered é um equipamento que apresenta uma característica sonora com muito brilho, dando uma certa ênfase nas frequências de 8kHz acima.

No estágio de compressão, temos um equipamento super completo: Threshold, Ratio (chaveado 4 posições), Attack (chaveado 4 posições), Release (chaveado 4 posições), Knee Hard/Soft, Sidechain Low Cut 150Hz/330Hz, Switch Sidechain On/Off.

Além do switch de ligar e desligar o equipamento normalmente, ainda possui um switch para ligar a válvula independentemente, e com isso é possível acionar esse switch momentos antes de usar o equipamento para deixar a válvula aquecer.

O HAMMERED é o compressor dos sonhos! Completo, ímpar, atrevido, quente e charmoso!

HAMMERED

TUBE OPTO COMPRESSOR



ABOUT THIS PRODUCT

EN LANGUAGE

The HAMMERED is an Opto Compressor with a tube audio signal.

Equipped with a 12AX7 valve, the Hammered extracts all the performance and magnitude of the valve. The audio signal passes completely through the valve, thereby achieving a sound rich in harmonics provided by the 12AX7.

In addition, it is equipped with a Greenbox Custom T audio transformer, which together with the 12AX7 offer fantastic sound.

Still in the audio signal stage, there is a switch to switch between Modern and Vintage sounds.

These two sound modes act directly on the valve, and when in Modern mode the signal starts to have a boost in the bass, acting around 70Hz below.

When in Vintage mode, this boost is deactivated and the equipment starts to operate with more linearity.

In the rest, hammered is a piece of equipment that has a very bright sound characteristic, giving a certain emphasis on the frequencies above 8kHz.

In the compression stage, we have a super complete equipment: Threshold, Ratio (4 position switch), Attack (4 position switch), Release (4 position switch), Knee Hard / Soft, Sidechain Low Cut 150Hz / 330Hz, Switch Sidechain On / Off.

In addition to the switch to turn the equipment on and off normally, it also has a switch to turn the valve on independently, and with that it is possible to activate this switch moments before using the equipment to let the valve warm up.

HAMMERED is the compressor of dreams! Complete, unique, cheeky, warm and charming!



HAMMERED

TUBE OPTO COMPRESSOR

ESPECIFICAÇÕES

specifications

HAMMERED

TUBE OPTO COMPRESSOR

GENERAL INFO SECTION

External Source: 110/220 Volts ~ (50/60Hz)

Power Consumption: 20 Watts (approx.)

SIGNAL SECTION

THD (Total Harmonic Distortion):

- 4% @ 20Hz (0dB) to 7% @ 20Hz (max. gain)
- 2% @ 30Hz (0dB) to 3.5% @ 30Hz (max. gain)
- 1.7% @ 40Hz (0dB) to 4.2% @ 40Hz (max. gain)
- 3% @ 80Hz (0dB) to 4.5% @ 80Hz (max. gain)
- 0.5% @ 125Hz (0dB) to 1% @ 125Hz (max. gain)
- 0.4% @ 250Hz (0dB) to 0.9% @ 250Hz (max. gain)
- 0.2% @ 500Hz (0dB) to 0.6% @ 500Hz (max. gain)
- 0.2% @ 1kHz (0dB) to 0.6% @ 1kHz (max. gain)
- 0.2% @ 3kHz (0dB) to 0.6% @ 3kHz (max. gain)
- 0.1% @ 5kHz (0dB) to 0.5% @ 5kHz (max. gain)
- 0.1% @ 10kHz (0dB) to 0.5 @ 10kHz (max. gain)
- 0.2% @ 15kHz (0dB) to 0.6% @ 15kHz (max. gain)
- 0.2% @ 20kHz (0dB) to 0.6% @ 20kHz (max. gain)

Noise Floor

-85dB @ -10dB Gain

-75dB @ 0dB Gain-68db @ Max. Gain

Noise Floor (Typical): -80dB

Output Gain: +7dB (max. approx.)

Input Impedance: 10k Ω

Output Impedance: 600 Ω

Audio Transformer (Turns Ratio): 400 Ω

Max. Attenuation: -30dB (approx.)

db Reduction: Analog Meter

Frequency Response: 5Hz to 22kHz

HAMMERED

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CONTROLS

Compressor:

Threshold: 0dB to -30dB (approx.)

Ratio: 2:1, 4:1, 6:1, 10:1 (approx.)

Attack (mSEC): 0.15, 3, 25, 35 (approx.)

Release: (SEC): 0.2, 0.75, 1.5, 2.5 (approx.)

Switch Knee: Hard/Soft

Switch Sidechain (Low Cut): 150Hz/330Hz

Switch Compress: On/Off

Amp Controls: Output Gain, Switch Modern/Vintage

Switch Tube, Switch Power

Enjoy your Greenbox!

A handwritten signature in blue ink, reading "Márcio Baggio". The signature is fluid and cursive, with the first name "Márcio" on the top line and the last name "BAGGIO" on the bottom line.

Márcio Baggio - CEO



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