

PHONIC



T8200 TUBE OPTIMIZER

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Make your audience say "Wow!" with the T8200 Tube Optimizer, the new generation two-channel professional audio compressor. The T8200 uses the high quality 12AX7 valve preamplifier, which is well known for generating warm and highly enriched sounds. In addition, the Tube Optimizer draws on the benefit of potentiometer controls to fine tune the input difference between the tube and the conventional semiconductor preamplifier, giving the user greater control and flexibility. On top of these inner strengths, the T8200's appealing faceplate is adorned with eight precision vintage VU meters. This tube compressor not only sounds good. It looks good too.

FEATURES

- ▶ Separate controls for low and high frequency compression
- ▶ Programmable crossover enables the definition of the amplitude of the frequency bands
- ▶ Automatic optimization of the compression effect with respect to the input signal on both the attack and release of the compressor
- ▶ Relay controlled bypass
- ▶ Stereo link function
- ▶ Balanced XLR and 1/4" TRS input and output connectors
- ▶ Input and output level VU meters
- ▶ Tube adjustment control
- ▶ +4/-10 level matching switches for input and output

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RECOMMENDED APPLICATION

For recording studio tracking and mixdowns:

Improves imaging by adding sparkle and presence to music and voices.

For music production:

Improves the sound of individual instrument, vocal, or mix.

In broadcasting or post production:

A great vocal processor and a powerful studio tool.

In project studios:

Improves the sound of digital recorders and workstations.

For musicians:

The ultimate compressor for professional guitar, bass, and keyboard.

SPECIFICATIONS

Inputs

Connectors	XLR and 1/4" TRS
Type	RF filtered, servo-balanced input
Impedance	50k ohms balanced, 10k ohms unbalanced
Nominal Operating Level	-10 dBV to +4 dBu
Maximum Input Level	+21 dBu
CMRR	60 dB @ 1 kHz

Outputs

Connectors	XLR and 1/4" TRS
Type	Electronically servo-balanced output stage
Impedance	60 ohms balanced, 30 ohms unbalanced
Maximum Output Level	+21 dBu, +20 dBm balanced and unbalanced
Nominal Operating Level	-10 dB to +4 dB

System Specifications

Bandwidth	18 Hz to 30 kHz, +/- 2 dB
Noise	> -90 dB
THD	0.1% @ 0 dB, 1 kHz
Crosstalk	< -85 dB, 22 Hz to 22 kHz
Warmth	From 100% direct to 100% tube sound
Meters & Indicators	Per channel: Clip LED • Per band: Input/Output VU Meter, Reduction VU Meter
Controls	Per channel: Input Level, Output Level, Tube Timbre, Variable Crossover • Per band: Threshold Level, Comp. Ratio, Output Level Channel Link • Per channel: Meter Mode, Bypass, Input Intensity, Output Intensity • Per band: Attack Time, Output Level
Switches	

Power Supply

Power Consumption	30 watts maximum
Power Connector	Standard IEC connector
Operating Voltages	100-120V AC 60Hz, 220-240V AC 50Hz
Fuse	100-120V AC: T 1 Ah; 200~240V AC: T 500 mAh

Physical

Dimension (WxHxD)	483 x 88 x 286 mm (19 x 3.5 x 11.25 in.)
Weight	4.9 kg (10.8 lbs.)