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Timbre

User manual

EN



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Thank You for the purchase of Timbre

Timbre

All tube Vari-mu mono compressor.

With kind regards



Radoslaw Wesolowski

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As always It's all about compression so we've created "Timbre" – an all tube vari-mu compressor based on the 6386 tube, inspired by the old, famous and much desired Gates STA-Level compressor. The Timbre is easy to use, full of color and sweetness. It is a vintage-style compressor made from the highest quality of components.

Augmenting the design, we have added new features like the third mode of operation with shorter attack time, a high-pass sidechain filter, a link for stereo operation and a bypass function. Timbre utilizes a novel programme controlled release circuit which creates density and consistency while minimizing typical compressor side-effects at up to 40dB of gain reduction!

1. Installation

The unit comes in a 2U form. As it can produce large amount of heat during long work, it is advised to leave at least 0.5U space above it to dissipate the heat and should be placed in a ventilated rack cabinet. It is recommended to switch ON device at least 15 minutes before operating to ensures best parameters.

Warning !!!

High Voltage inside !

**!!! The device should be connected only to a grounded outlet
and proper voltage !!!**

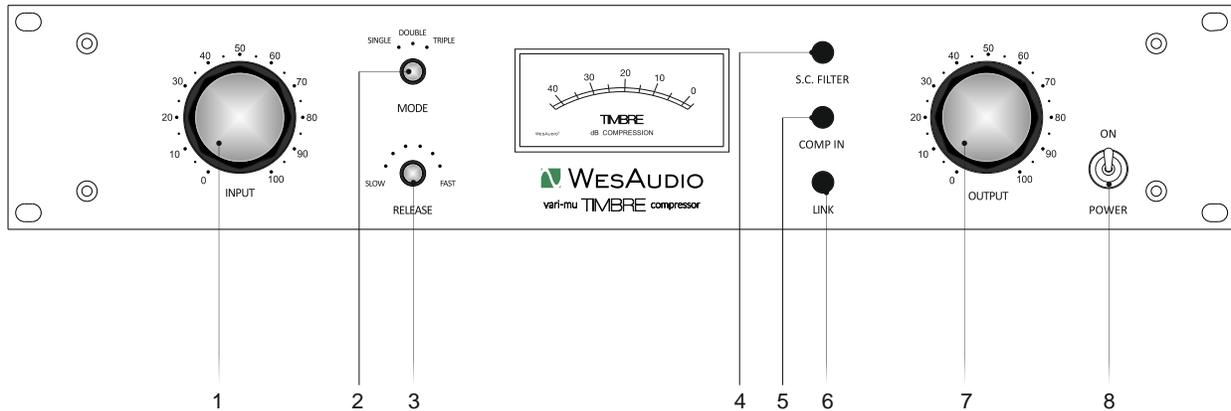
To reduce the risk of electrical shock do not open the unit.

Always replace the fuse with the type and value recommended by manufacturer:

230V – IEC 127 20x5mm T315ma

115V – IEC 127 20x5mm T630ma

2. Front Panel



1. Input – determines the level of the input signal entering the Timbre, as well as the threshold. Higher settings will increase amounts of compression or limiting.
2. Mode- provides three distinct flavors of attack & recovery characteristic.

SINGLE –Provides a simple slow attack that is very smooth.

DOUBLE –Provides an intelligent program-controlled attack and release characteristic that brings up density and detail without pumping like traditional compressors.

TRIPLE- Provides the program-controlled characteristic with extra fast attack, for maximum density. It is only recommended with small amounts of gain reduction.

3. Recovery – gives six release times. The first (left) position is the standard slow release time. Each click to the right is progressively faster.
4. S.C FILTER – enables high-pass side chain filter in the detector chain which makes compressor less sensitive in low frequency band.
5. Comp IN – engage the compressor, when switch is in the off position signal is hard bypassed by relay.
6. Link – enables link function when you want to connect two units together (more info in Linking compressors section).
7. Output – determines the level of the output signal. Is is used to recover compression lost signal.
8. Power- main power switch.

3. Linking compressors

To link two compressors to work in stereo mode, you need simple Jack-Jack 6.3mm mono cable. Just connect two compressors together with this cable and activate “Link” function on both compressor. From now on both compressors will use common compression signal. For proper operation in stereo mode, both compressors should have exactly the same settings.

4. Maintenance

Compressor does not require any technical maintenance during the warranty period. Please keep it in dry place free from any dust or moisture.

5. Specifications

Frequency response: 20Hz-30kHz (0.5dB)

THD+N: up to 1%

Input impedance: transformer balanced: 600ohm

Output impedance: transformer balanced: 600ohm

Tubes: 6386, 12AT7, 12AX7, EAA91

Max gain: 45dB

Max gain reduction : 40dB

Mode: single, double, triple

Balanced output and input (XLR Amphenol)

Case Rack 2U

Dimensions : 88 x 483 x 235 mm

Box dimensions : 55 x 39 x 28 cm

Weight 7kg

Warranty

All WesAudio products are built to the highest standards and should provide reliable performance for many years, subject to reasonable care, use, transportation and storage.

WesAudio warrants all of our products to be free of defective parts and workmanship for a period of two years. This warranty period begins at the original date of purchase and is transferable to any person who may subsequently purchase the product during this time. This warranty excludes the following conditions: normal wear and tear, misuse, customer negligence, accidental damage, unauthorized repair or modification, cosmetic damage and damage incurred during shipment. During the time of this warranty, WesAudio will repair or replace, at its option, any defective parts or repair defective workmanship without charge, provided the customer has appropriate proof of purchase and that the product has its original factory serial number. In all warranty claims the customer is responsible for shipping costs to the WesAudio facility, and WesAudio pays for return ground shipping