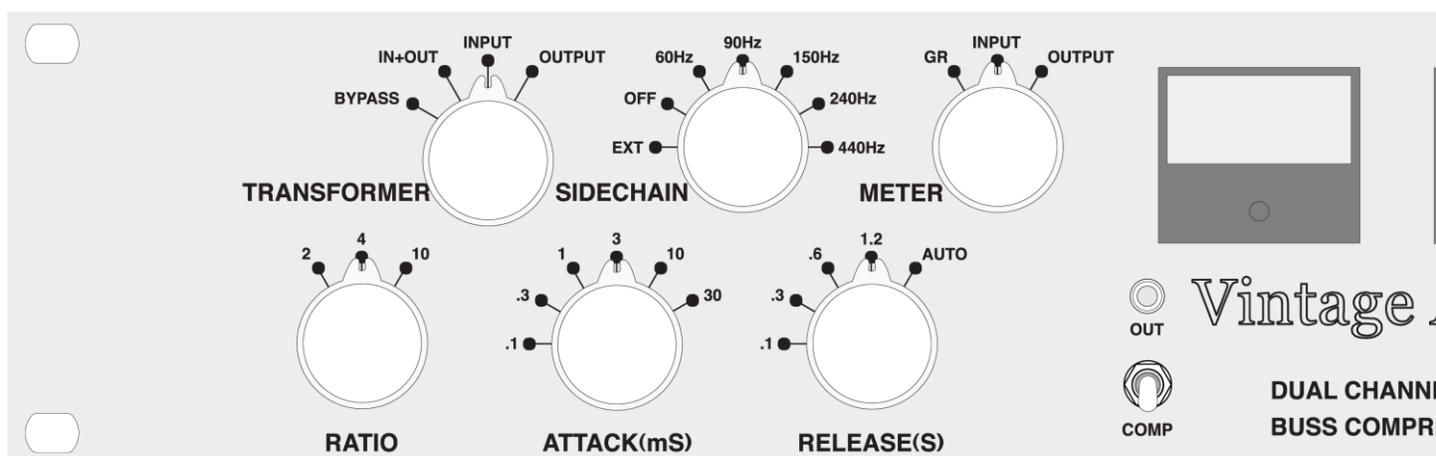


# Vintage Audio

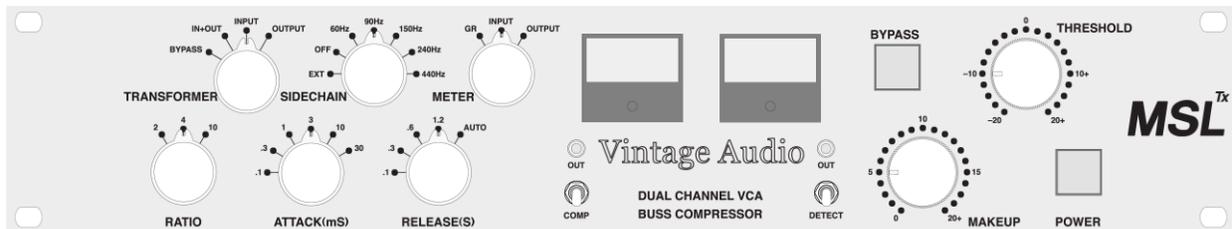
## MSL-TX



*Quad VCA, Transformer  
Coupled Buss Compressor*

# Vintage Audio

## MSL-TX Quad VCA, Transformer Coupled Compressor



Congratulations on your purchase of your new Vintage Audio **MSL-TX** Quad VCA, Transformer coupled Buss compressor.

The Vintage Audio **MSL-TX** comes equipped with “**TSM**”, a Transformer Switching Matrix that allows for a variety of signal path combinations for tone shaping and color application. The MSL-TX’s Transformer switching option, as well as some other internal changes, set the MSL-TX apart from the original MSL Buss compressor. The differences in the MSL-TX allow the user more headroom and a more open sound making it more ideal from critical Mastering applications.

These wonderful sounding compressors provide the “Glue” needed for great mixes, awesome drum buss compression and Mastering applications just like the original MSL but with some added features. .

The **MSL-TX** is based on the standard of Quad VCA Buss compressors and Rivals the finest designs in Buss Compression.

## **Caution!**

*As with all professional equipment, please be sure to read all necessary literature prior to hooking devices up and powering them on. All units are set for voltage based on the original sale destination. Please consult the tag below the AC inlet if you purchased a unit “used” or second hand to make sure it is set for the right voltage before applying AC voltage.*

## **About Vintage Audio**

Vintage Audio is a small group of folks who love electronics and music. All are musicians and Geeks at heart. Johnny Five is a screen saver and Star Wars and Star Trek share the airspace. We have been building pro audio gear for years and have a real passion for offering affordable, extremely well made reproductions to the audio community.

### **Note!**

We are not re-inventing the wheel; Vintage Audios mission is to recreate the best sounding modern reproductions of some of the most sought after classic circuits in the world. We have a lot of experience on what it takes to make an excellent sounding preamp or compressor. We hand select all of our components, pieces and parts based on the character they impart and reliability. Most parts are Mil Spec, are designed to last and provide years of unparalleled performance.

All of our designs are set up to be extremely simple to use and obtain great results.

## **On to the good stuff!**

## **So about your new compressor**

The Vintage Audio **MSL-TX** is a stereo channel, transformer coupled, VCA buss compressor with a familiar architecture. The **MSL-TX** utilizes dual RMS detection, dual VCA compression, a **TSM** Transformer Switching Matrix, Four Cinemag Transformers and provides all of that great “glue” needed at mix down or in mastering.

The **MSL-TX** Transformer Switching Matrix (TSM) Allows you to select from transformer-less signal path, transformer coupled input path, transformer coupled output path or Transformers “all in.”

The **MSL-TX** has a selectable Ratio, Attack, Release, and Sidechain input with frequency selections that we found to be most useful to mix engineers. The frequencies range from 60Hz to 440Hz. We found that 440Hz, while not very useful on the Mix Buss, is a useful function for tracking and mixing instruments like piano or other percussion instruments.

The **MSL-TX** has two different detection circuits to choose from and therefore two different compression characters. You will most likely find yourself leaving it in normal mode, but we have incorporated the Detect Out feature to remove one of the RMS Sidechain circuits. This feature provides great character and an aggressive compression. The feature is nice for effects, squashing room mics or other sources that simply need to be aggressively tamed.

Sometimes it is hard to tell exactly what is happening to the program material when using subtle compression. Our True Bypass is a perfect solution, it routes the input directly to the output completely bypassing the compressor and all line amp stages.

Left and Right Vu Meters illuminate the front panel and dance to the music! The Vu meter selector allows you to choose: Input, Output and Aggregate Gain Reduction.

Compression Bypass allows the user the ability to bypass the compression but still run signal thru the line amplifiers for coloration.

The design is very simple and easy to use to obtain excellent results.

We put tremendous effort into all of our preamps and compressors to make your music more enjoyable and your sessions less droll. Each unit is hand built to our specifications, rigorously tested and is constructed of nothing but the highest quality parts for long life and pure audio Mojo.

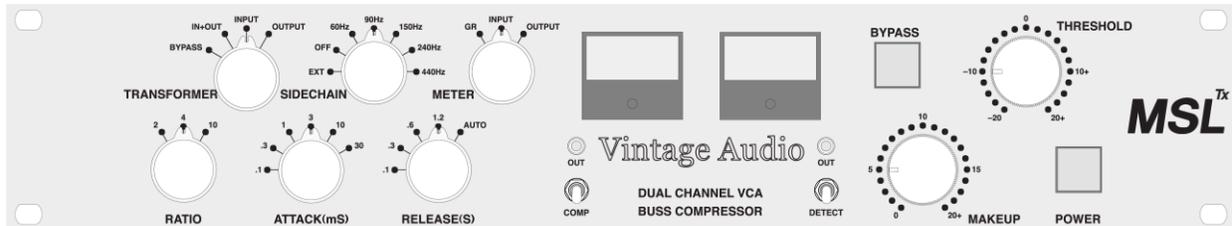
# Vintage Audio:

Simple Designs

Beautiful sound.

In the next section you will find a list of all controls to help you get started.

# Front Panel Controls Overview



**TSM:** The Transformer Selection Matrix control allows the user to switch between: Transformer Bypass, Transformer input + output, Transformer input only and Transformer output only audio paths for color and tone shaping.

**Sidechain Select:** The Sidechain selection control allows the user to choose from: External sidechain input, no sidechain filter and sidechain frequencies 60, 90, 150, 240, 440HZ. This effectively reduces the amount of compression sensitivity one hears at the selected frequency.

**Meter Select:** Here the user can select to see the Left and Right input levels and the aggregate compression for both left and right channels.

**Ratio Select:** The Ratio control allows the user to select from: 2:1, 4:1, 10:1 compression ratios

**Attack Select:** The attack controls selects the attack time of the compressor. The user can select from: .1, .3, .5, 1, 3, 10, 30mS

**Release Select:** The release control controls the release time of the compressor and allows the user to select from: .1, .3, .5, 1.2, AUTO (Sec)

**VU Meters:** These allow viewing of the input, output and aggregate compression levels for both Left and Right channels.

**Compression Bypass:** This switch when engaged bypasses the compression but allows the signal to still pass thru the MSL-TX which can be a useful color feature.

**RMS Detector bypass:** This switch when engaged allows the user to remove one of the RMS detectors from the sidechain circuit. This is a nice feature when you want some aggressive compression from the MSL-TX. Most often you will find you do not use this feature but is nice to have when creating unique compressed sounds.

**True Bypass:** The MSL-TX features a true relay bypass that effectively routes the input to the output bypassing the circuit completely. This is a nice feature when you simply need an accurate reference.

**Make-up Gain Control:** This control provides the user with 20db of make-up gain after compression

**Threshold Control:** This unit when set to 12 o'clock is effectively 0db. Rotating the Threshold control counter clockwise increases the amount of compression and vice-a-versa.

**Power:** Power to the User!

## Back Panel Overview



**Input:** Signal input for left and right channels

**Outputs:** Signal output for left and right channels

**External Sidechain Input:** This is where external sidechain signals are inputted. The sidechain selector must be set to external for the MSL-TX to receive external sidechain input.

## **Specifications**

**Input Impedance:** 600 Ohm when floating, transformer coupled.

**Output Impedance:** 600 Ohm When Floating transformer coupled.

**Frequency Response:** 20-20Khz+/- 1db

**Gain:** 20 db of total gain

**Noise Floor:** <110 Dbm

**Attack Times:** Variable times of: .1, .3, .5, 1, 3, 10, 30mS

**Release Times:** Variable times of .1,.3,.5,1.2, AUTO (Sec)

**Fuse:** 250V Slow Blow 5x20mm, 1amp (120vac), 500ma (240vac).

**Dimensions:** 19x3.5x12 inches

**Weight:**18lbs when fitted with transformers

**Note: Mains voltages are set when the unit is constructed. All units are wired for their Destination.**

**The Serial label contains information on what voltage the unit is wired for as well as the correct 250v fuse rating.**

***DO NOT CONNECT AC MAINS IF THE VOLTAGE LISTED ON THE LABEL IS DIFFERENT THAN YOUR LOCAL MAINS VOLTAGE!***

# Vintage Audio

All Vintage Audio products come with a full One Year warranty against defect and are built to the highest standard.

For more info on this or other Vintage Audio products or to request service please see us at [ReviveAudio.com](http://ReviveAudio.com)

Again, Thanks for your purchase!

We are confident that you will enjoy your new Vintage Audio unit for years to come.

Made in the USA

Vintage Audio

Caldwell, ID

83605

208-473-2245

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