

TM700 MANUAL



Introducing the A.I./Machine Learning Sampled and Modeled Tape Machine plugin –
the ultimate tool for achieving the warm, rich sound of vintage analog tape.

Experience the lush, harmonically rich, and authentic sound of tape with ease, right from your DAW.

This A.I.-modeled plugin provides intuitive controls for adjusting the amount of saturation and
compression combined, allowing you to dial in the perfect amount of warmth and character for your mix.



- 1) Sampled at 192 kHz , model upsamples and runs at 192k
- 2) Authentic Tape compression and saturation
- 3) Great on almost any material and entire mixes
- 4) True Stereo 2 Track Imaging
- 5) Incredible sound!



What does it do ?

With its cutting-edge technology, this plugin captures the essence of real tape, reproducing its softening of transients and pleasant-sounding saturation and compression.

Our Machine Learning algorithms have meticulously sampled and modeled every aspect of analog tape, from its frequency response to its unique distortion/compression characteristics.

The result is a plugin that delivers the warm, natural sound that is so highly sought after in today's digital age.



Whether you're working on a full-scale production or a small bedroom recording, the Machine Learning Sampled and Modeled Tape Machine plugin has got you covered.

It's an essential tool for any producer, musician, or engineer looking to add that classic analog sound to their recordings.

We used a famous Vintage American 2 Track 1/4 inch Tape Machine with the SM9 Tape Formulation for modeling. We feature 2 unique Bias settings as well as fast (15ips) and slow (7.5 ips) tape speeds and also a unique 2-track mode.

This mode recreates a true stereo 2-track image which brings in characteristics such as sonic differences between the 2 channels as well as crosstalk between the channels.

Try the Machine Learning Sampled and Modeled Tape Machine plugin today and elevate your productions to the next level!

Controls

Tape Input: This control increases/decreases the input gain to the tape machine system. As the value of the control is increased, more of the tape effect comes into play.



Tape Output: This control increases/decreases the output gain post the tape processing. This control is used to adjust the output level of the effect within a range.



Controls

Link: This button links the input control to the output control, so it's easier for the user to push the gain without having to constantly compensate for the level increase with the output knob.



Bias: 2 Bias settings were sampled and modeled from the source tape machine dataset samples. The user can switch between the softer saturation of setting "1" or the crunchier setting of "2". These 2 Bias settings can cover most instruments, drums, and vocal/instrument flavors that the user may be looking for.



Controls

Tape Speed: This has 2 options, Fast (15 ips) and Slow (7.5 ips).

The Fast setting is brighter and tries to retain the sonic imprint of the original signal, while the Slow setting has the famous low bump and decrease in high-frequency response.

The low setting is perfect for more "lo-fi" effects that the user may be looking for.

2 Track : True 2 Channel tape mode with variations in sonic response for L and R channels .

This creates a deeper stereo image



Input adj.: This control can further adjust the input signal with a range of -12dB to +12dB.

This can either reduce louder signals going to tape or increase the level causing more saturation.



Controls

Output Trim: This control can further adjust the output signal with a range of -12dB to +12dB.



Preset Bar: This section allows the user to browse through our carefully and meticulously created presets, as well as delete or create their own presets and store them.



Resizable GUI: Drag the bottom right corner of the plugin window to custom-adjust the plugin GUI to suit your display and needs.