

VINTAGER TOY

Vintage Sound Maker

GENERAL DESCRIPTION

What is Vintager Toy?

VINTAGER Toy is a vintage sound effect. As its name suggests, it is a "toy" that modifies the sound to make it old and/or vintage. Their processes are trying to recreate the characteristics of the sound that is heard in the sound systems of the past.

You can use it as:

- "aging" mastering effect for a mix
- single track effect to give warmth vintage to an instrument

What IS NOT Vintager Toy?

It is not a strict simulator of tape, vinyl, tubes. It can make you remember these devices, but it contains no physical models of these devices. Vintager Toy contains mathematical calculations, but was essentially developed in an intuitive way. The author was based on their small knowledge, he listened devices and recordings from different eras and vintage synthesizers and used his own conception of vintage sound. Therefore, you must use it taking into account that clarifications. Vintager Toy is not a professional tool, although it can be used professionally if the user finds it useful.

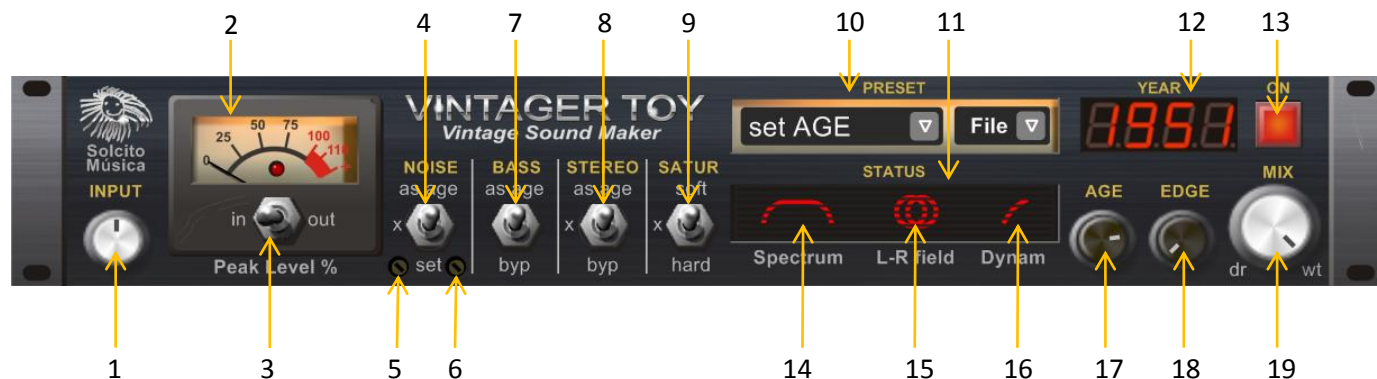
ABOUT...

Vintager Toy 1.0 – September 2012



VINTAGER Toy was developed by Gustavo Valletto for SolcitoMúsica, using the "Synthmaker" software. SolcitoMúsica is the craft identity of Gustavo Valletto.

The developer morally committed to the user to make a comment on www.solcitomusica.blogspot.com.ar



QUICK GUIDE

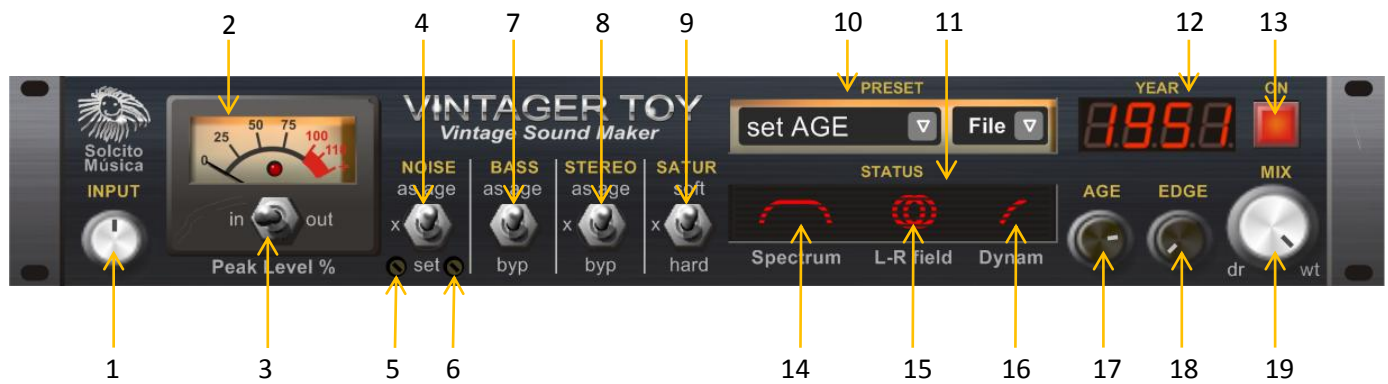
In the PRESET section (10), you can deploy the list of presets. There are a series of presets under the title "-- TUTOR--" used as a tutorial. You can use the presets "set Edge", "set Mix", etc. for adjusting the controls specified by the name of the selected preset to understand the operation of that controls.

Select the preset "set AGE". As you turn the "AGE" knob, the sound will be "ageing" according to the year indicated on the display YEAR (12), reducing the frequency spectrum, the dynamic range and the stereo wideness. The "EDGE" knob adjusts the bluntness with which "AGE" cuts frequencies, being more gentle to the left and steeper to the right.

The position of the "INPUT" knob (1) influences the volume and dynamics in the final sound, so you should test it with different positions to achieve the desired result. The meter (2) with the key (3) in position "in" indicates the input signal peak value. If it reaches or exceeds 100% sound it will distort.

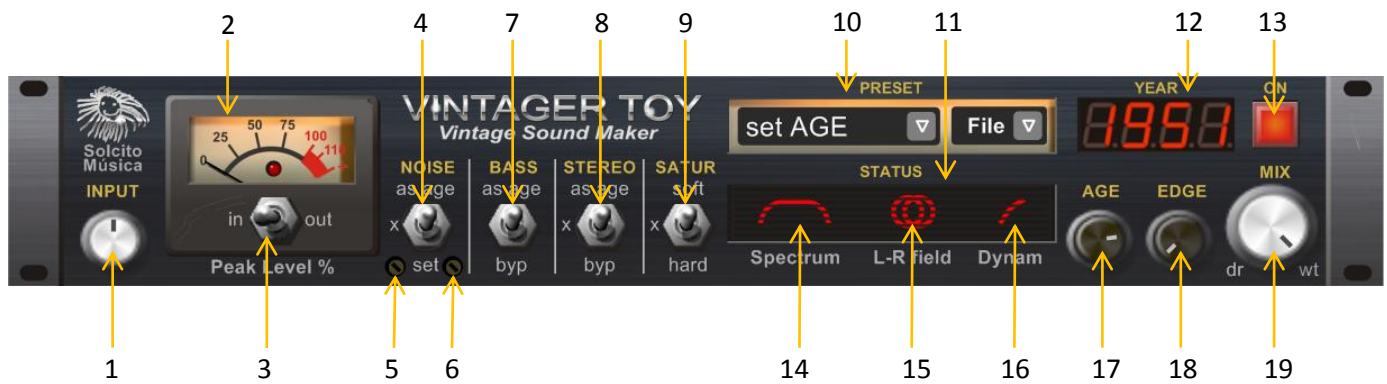
The "MIX" knob (19) allows you to mix the original sound with the processed sound. In the "dr" position (dry) will be heard the original sound and in "wt" position (wet) only the processed sound.

The STATUS display (11) shows in symbolic way how parameters are modified according to the settings that makes the user.



REFERENCES

- 1- **Input Gain Control**
- 2- **Peak level Meter**
- 3- **Peak level Meter Selector.** In "in" position the meter measures input signal peaks. In position "out" it measures the output peaks. The percentage refers to the entire range of the audio signal; the rated maximum is 100%. Though the output will never exceed 100%, internally it can be overcome to achieve effects of distortion. In practice, the input peaks are approaching 100% pass through a peak limiter to avoid annoying noises from clips occurred in the digital processing.
- 4- **NOISE switch.** Allows to generate background noise with 2 components: Humm (noise of transformer) and Hiss (hiss). This switch has three positions:
 - "as age": amplitude and noise components vary depending on the "AGE" knob (17).
 - "x": the noise is cancelled.
 - "set": enables the trimpots (5 and 6) to make a custom sound. In this position the noise does not change according to the "AGE" knob.
- 5- **Noise type custom adjustment trimpot.** This trimpot is enabled when the "NOISE" key (4) is to "set" position. As you turn this trimpot, is generated "hum", "hiss" noise or a mixture of both.
- 6- **Noise volume custom adjustment trimpot.** This trimpot is enabled when the "NOISE" key (4) is to "set" position. As you turn this trimpot, adjusts the volume of the noise.
- 7- **BASS switch.** Selects the mode of behavior of low frequencies. It has 2 positions:
 - "as age": the bass content depends on the "AGE" knob (17).
 - "byp": Bypass, the bass content is kept as the original sound.



8- STEREO switch. Selects the stereo amplitude. It has 3 positions:

- "as age": the stereo amplitude depends on the "AGE" knob (17).
- "x": overrides the stereo amplitude, sound is converted to mono.
- "byp": Bypass, keeps the stereo amplitude of the original sound.

9- SATUR switch. Selects the type of saturation. It has 3 positions:

- "soft": gently saturates the audio signal. The amount of saturation depends on the "AGE" knob (17).
- "x": no saturation.
- "hard": saturates the audio signal with a more pronounced curve, producing more noticeable distortions. The amount of saturation depends on the "AGE" knob (17).

10- PRESET panel. It has a drop-down list of presets for different uses and another drop-down list to save individual presets or sets of presets.

11- STATUS display. It shows in a symbolic way how the parameters are modified according to the settings done with the controls. The parameters are:

- "Spectrum" (14) is the frequency spectrum of the audio output.
- "L-R field" (15) indicates the separation between left and right stereo channels.
- "Dynam" (16) "dynamic". It shows the curve of the dynamic behaviour.

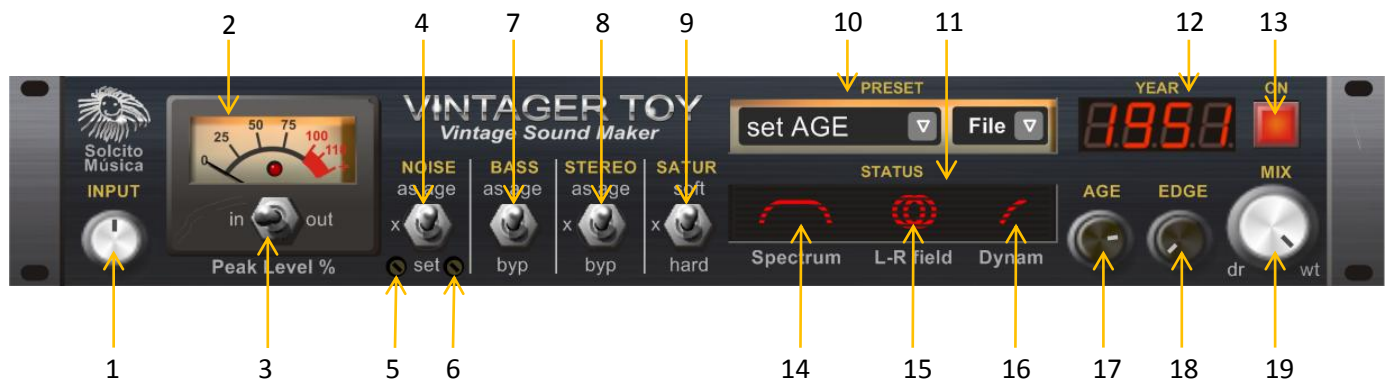
12- YEAR display. Displays the year that represents the sound according to the adjustment made by the "AGE" knob.

13- ON button. In position Off (no light) acts as general bypass.

14- Spectrum. Displays the frequency spectrum of the audio output.

15- "L-R field" Indicates the separation between the left and right stereo channels.

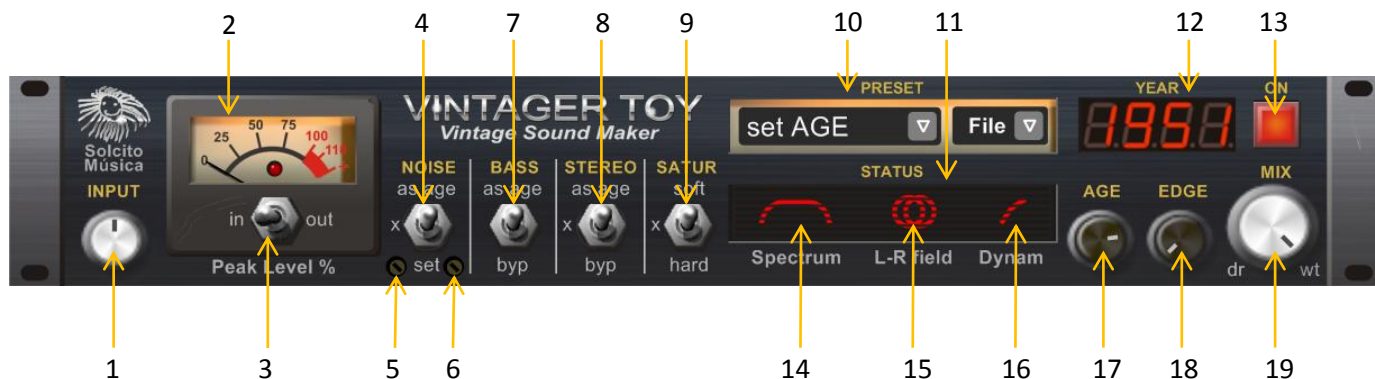
16- "Dynam" It shows the curve of the dynamic behaviour.



17- AGE knob. By turning it clockwise, the sound becomes "vintage". This knob setting affect I a non-linear way the frequency spectrum, stereo separation, and dynamic range. The YEAR display (12) shows the approximate year that represents the output sound. If you turn AGE to end toward the left, the YEAR display will show the "curr" abbreviation (current) to indicate that the sound represents the current year, that is, the present.

18- EDGE knob. regulates the suddenness with which the AGE knob cuts frequencies, being more gentle to the left and steeper to the right. Internally changes the resonance of filters that reduce the frequency spectrum. This knob goes transparent when the AGE knob set to young ages. So EDGE knob notifies the user that the EDGE setting will be less audible in that situation, since widening the frequency spectrum reaches the audible limit when AGE knob sets to young ages.

19- MIX knob. Allows to mix the original sound with the processed sound. In the "dr" position (dry) will be heard only the original sound and "wt" (wet) only the processed sound.



LEGAL

Vintager Toy is free. Hereinafter "Developer" is Gustavo Valletto.

Vintager Toy is supplied as it is, without warranties of any kind. The developer has developed this software to make it harmless. However, the developer is not responsible for the consequences of its use. This responsibility is of the user. The user should avoid the excesses of volume, as in any other musical hardware and/or software device.

The developer reserves his rights to change the legal rules in future versions of Vintager Toy.

The developer gives the right to the free use of Vintager Toy, and he prohibits involving Vintager Toy in profits from money without his express authorization.

Solcito Música and Vintager Toy are owned by Gustavo Valletto. Other brands named in texts related to Vintager Toy are property of their respective owners.

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