

Wires

User Guide

v1.2

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Wires

Turn the echoes of the past into the music of now

German composer and YouTuber **Hainbach** opened his treasure chest for us: we are happy to present to you **Wires**, an accurately modeled and enhanced 1970s **Soviet wire recorder**.

Made originally for military and secret service use across the Iron Curtain, in the hands of a few avant garde musicians it became a *magical lofi-tool* and *ghostly echo machine*. Now this rare and rather finicky to operate piece of hardware is available for the first time as a faithful yet modern plugin. Transform your audio to the world of numbers stations and secret operations, dub out to very unusual echoes or make the most lofi beats to study too.

We took great care to get all the idiosyncratic behaviour exactly right – it reacts dynamically to the input and does stuff to audio that is a completely different texture to magnetic tape. There is a special tone to the hair-thin wire and the vacuum tube output stage of this machine, unheard of anywhere else. The standard way to make a unit such as this *music* is to put it on an aux channel of a mixer, to turn it into a fixed tempo echo. We offer all the variable time features you want, as well as the option to switch off the rather high noise floor of this machine without sacrificing the rather alive sound.

Installation

macOS

• Double click on the DMG archive to extract it
• Right click on the PKG installer and click open
• Follow the instructions to install the plug-in(s)

Windows

• Extract the ZIP archive
• Double click on the setup file (.exe)
• Follow the instructions to install the plug-in(s)

Registration

You can open the registration window by clicking on the icon ☰ next to the bypass button, in the top-right corner.

Online

- If you haven't created an account yet, you can sign up here
- Just input your credentials into the text fields and click on Log In.



Offline

- Download the license file from your account.
- Just drag and drop the license into the registration window or click on the *Load License File* button and browse to the downloaded license.



Parameters

Wire

WOW / Flutter	Controls the amount of pitch imperfections in the sound
Drops	Controls the amount of volume loss of the wire emulation
Clicks	Controls the amount of degraded signal turned into clicks
Tilt EQ	Controls the equalization of the Wire emulation

Echo

Bypass	Enables/disables the Echo section
Sync	Syncs the delay time to the host/DAW BPM
Time	Controls the time between each repetition
Feedback	Controls the amount of feedback, increasing the amount of repetitions in the echo signal
Wet Only	Disables the Dry signal

Devices

Mic	Enables/disables the Microphone emulation
Speaker	Enables/disables the Speaker emulation

Noise

Hiss	Controls the amount of wire background noise
Motor	Controls the amount of the unit motor noise
Env	Enables/disables the envelope to activate the noise only when an input signal is passing through
Edit	Shows the Attack and Release control for the envelope

Master

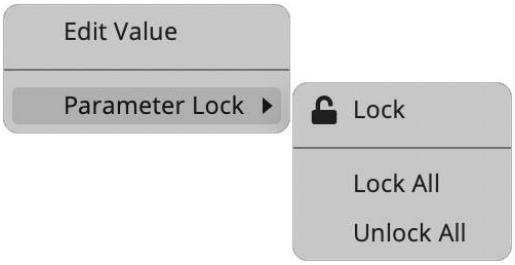
Input	Controls the amount of input signal
Output	Controls the amount of output signal
Soft Clip	Enables/disable a soft clip limiter
Routing	Changes the echo feedback loop behavior: • clean: the feedback is not affected by Wire parameters • dirty: the feedback is affected by Wire parameters
Mono	Sums the left and right channel of a stereo signal
Out Trim	Controls a digital output volume after the soft clip

Playback

Start / Stop	Starts/stops the unit
Speed	Controls the length of the start/stop effect

Features

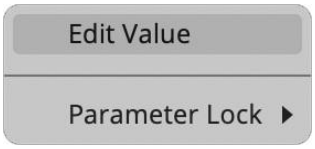
Parameter Lock



If you want to keep the value of one or more parameters while changing presets, or when using the randomizer button, you can use the *Parameter Lock* feature.
Right click on a parameter and choose *Parameter Lock*.

Lock / Unlock	If locked, the parameter won't be updated when changing presets
Lock All	Locks all parameters
Unlock All	Unlocks all parameters

Edit Value



You can also manually change the value for knobs and sliders. Right click on a parameter and choose *Edit Value*. You can also access this feature with SHIFT + Click.

By clicking on the icon ☰ you can access additional features.

Clear Buffer

When enabled, every time your host/DAW starts playback or resets, the plugin will clear the feedback loop of the Echo section. You have two options: Host Playback and Host Reset. Since every DAW is different, you might need to try both settings to see what works best in your system.

Start / Stop

If you want, you can choose to disable the start and/or stop effect.
You can also apply the start/stop effect to both the dry and wet signal by disabling the Wet Only option.

Animation

When disabled, the reels animation will not play. This might save some CPU on older systems.

Doppler (Echo)

When enabled, turning the Echo section on will introduce a doppler effect caused by the temporary distance change of the virtual heads.

Echo Level

You can change the position of the Echo Level parameter in the signal chain.

Oversampling

You can oversample the plugin up to 16x. This is useful to avoid unwanted aliasing, but it can be heavy on the CPU.

Window Size

You can resize the plugin window using three predefined sizes (*small, standard, big*).
You can also resize the plugin window by clicking and dragging the bottom-right corner of the interface. Double clicking will reset to the standard size.

Preset Copy / Paste

You can easily share presets by using this Copy/Paste feature.

Copy to Clipboard	The status of all parameters will be saved to the Clipboard
Paste from Clipboard	Load a preset from the Clipboard

Enable / Disable Notifications

You can enable or disable the notifications for updates and news (shown by the bell icon). This option is global and it will affect all AudioThing plugins.

Swap Mouse Buttons

If you are using the right button as your primary mouse button, the plugin might not recognize it. Use this option to enable it internally in the plugin.
This option is global and it will affect all AudioThing plugins.

GUI Acceleration

You can enable or disable the GUI acceleration supported by your system.
The current and default library is OpenGL.

Dark / Light Theme

You can choose a dark or light appearance for menus, popup values, and windows.
This option is global and it will affect all AudioThing plugins.

End

Where is everything?

The installer will place the plugins, presets and other data in these folders.

macOS

AU	*/Library/Audio/Plug-ins/Components/*
VST	*/Library/Audio/Plug-ins/VST/*
VST3	*/Library/Audio/Plug-ins/VST3/*
CLAP	*/Library/Audio/Plug-ins/CLAP/*
AAX	*/Library/Application Support/Avid/Audio/Plug-Ins/*
Data	*/Users/Shared/AudioThing/*

Windows

VST	*custom path from installer*
VST3	*\Program Files\Common Files\VST3*
CLAP	*\Program Files\Common Files\CLAP*
AAX	*\Program Files\Common Files\Avid\Audio\Plug-Ins*
Data	*\Users\Public\Public Documents\AudioThing*

Credits

DSP & Code	*Carlo Castellano*
Idea	*Hainbach*
Design	*John Gordon*
QA	*Giuseppe Marrazzo*

EULA

Please visit www.audiothing.net/eula/ to review this product EULA.

Thank You

Thank you for your purchase! We hope you will have as much fun using it as we had making this product.
For support, please visit www.audiothing.net/support/
For further help or any question, please contact us here: www.audiothing.net/contact/

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