



Les plugins SCHOEPS sont désormais disponibles chez TONSTURM



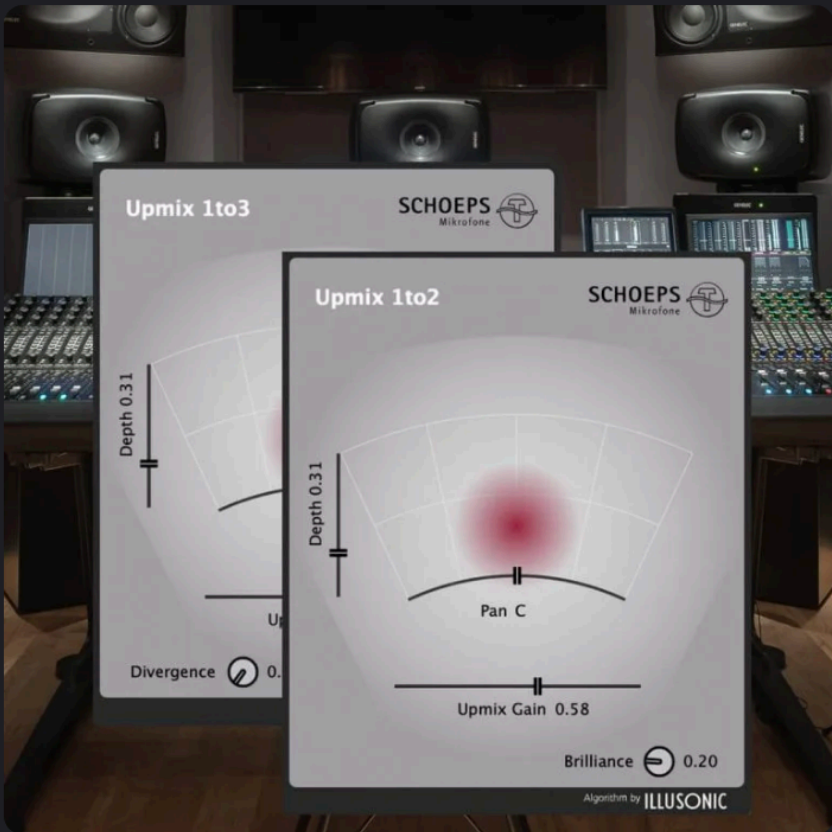


Dorénavant, tous les plugins SCHOEPS sont exclusivement disponibles sur tonsturm.com.

TONSTURM, fondée par les ingénieurs du son et les concepteurs sonores Tilman Hahn et Emil Klotzsch, se chargeront désormais de la distribution des plugins SCHOEPS. Tous deux outils partagent une passion pour les enregistrements sonores de qualité et proposent désormais ces audio haut de gamme aux professionnels et aux créatifs.

Pour célébrer ce lancement, le [Mono Upmix Plugin](#) est disponible avec une réduction de 30 % jusqu'au 22 avril 2025.

Ce plugin innovant convertit intuitivement les enregistrements mono en stéréo transparente et au son naturel - idéal pour les applications de post-production, de musique et de design sonore.

The image shows the user interface of the Schoeps Mono Upmix plugin. It features two overlapping circular frequency response plots. The background plot is titled 'Upmix 1to3' and the foreground plot is titled 'Upmix 1to2'. Both plots show a red frequency response curve. The foreground plot has several controls: a 'Depth' slider set to 0.31, a 'Pan C' knob, an 'Upmix Gain' slider set to 0.58, and a 'Brilliance' knob set to 0.20. The interface also includes the Schoeps Mikrofone logo and the text 'Algorithm by ILLUSONIC'. The background is a dark, blurred image of a recording studio with speakers and a mixing console.

SCHOEPS Mono Upmix

~~108,19 €~~ 75,73 €
(63,11 € Excl. VAT)

Acheter / Démo

Schoeps Mono Upmix 1to2 ver. 1.3.0

Design & Concept by



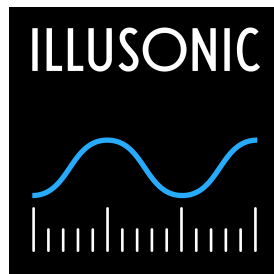
Realisation by



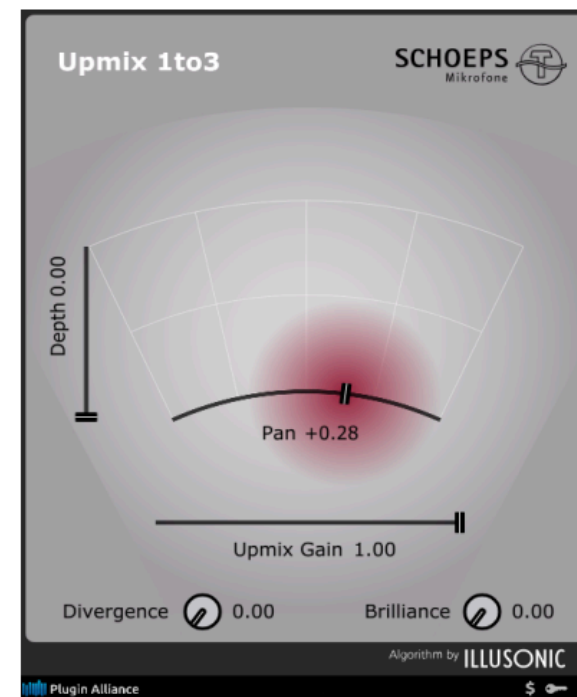
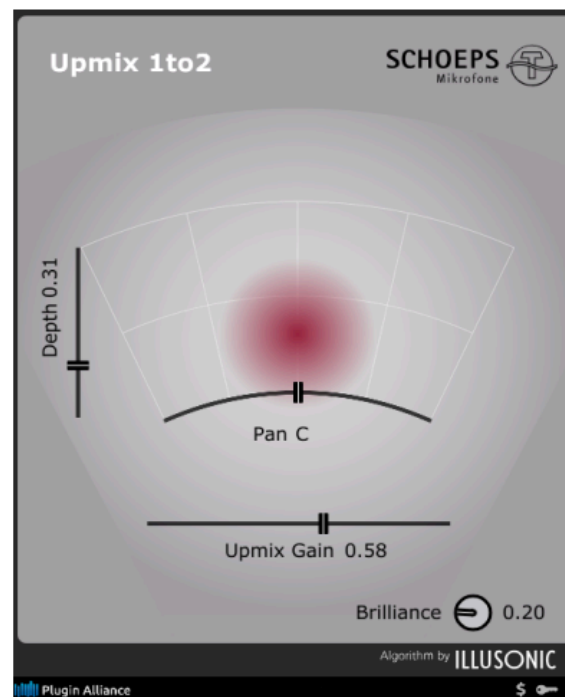
www.schoeps.de

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VST Plugin Technology By Steinberg Media Technologies



Mono Upmix Plugin



Baptisé Mono Upmix, ce plug-in VST 3, AU et AAX pour Mac et Windows va vous permettre de sortir un signal mono en stéréo (2.0) ou LCR (3.0). Pour cela, l'algorithme développé par Illusonic extrait le son diffus de l'enregistrement mono et l'applique de manière décorrélée à droite et à gauche. Vous pourrez de plus contrôler le niveau de ce champ diffus, mais aussi la direction de la source, sa largeur et sa profondeur.

Upmixez des pistes mono en stéréo LR ou LCR trois canaux tout en préservant l'intégrité tonale et la qualité de l'enregistrement d'origine. En exploitant les informations spatiales inhérentes au signal mono, ce processus crée un son stéréo diffus qui renforce l'ambiance sonore d'origine de votre enregistrement.

Le plugin utilise des algorithmes avancés pour produire un effet stéréo naturel, exempt des artefacts typiques du upmixing. L'algorithme sous-jacent a été développé par ILLUSONIC et optimisé pour une utilisation pratique par Schoeps.

PARAMÈTRES

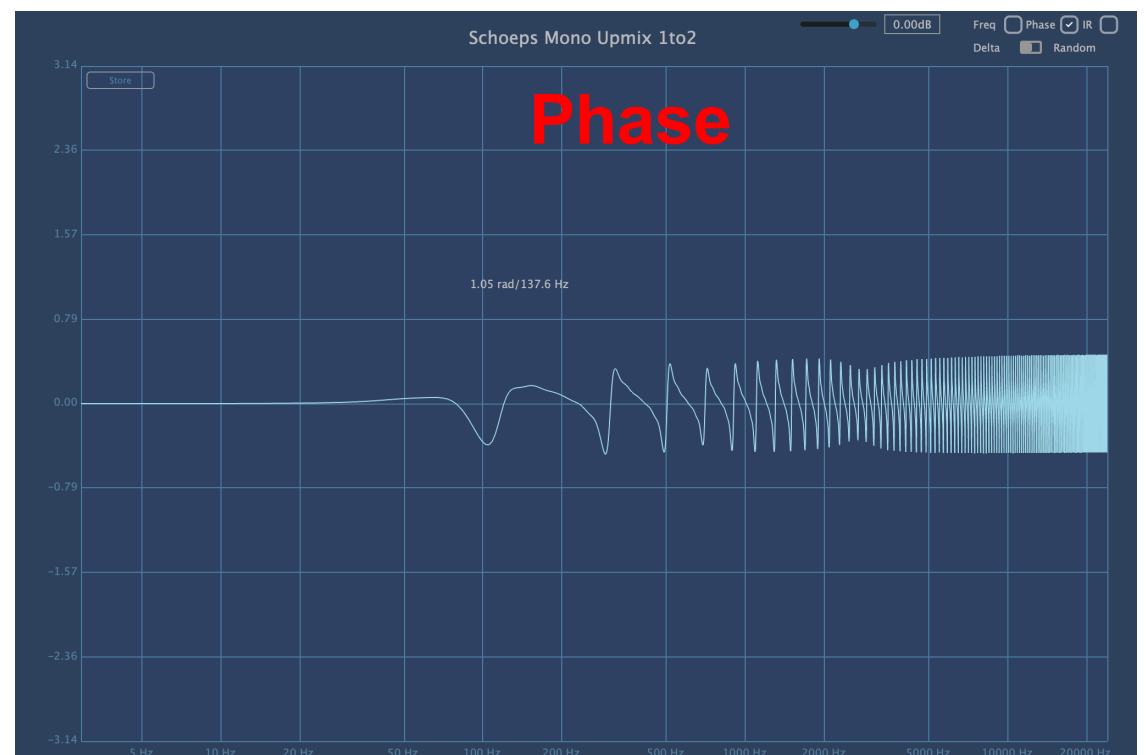
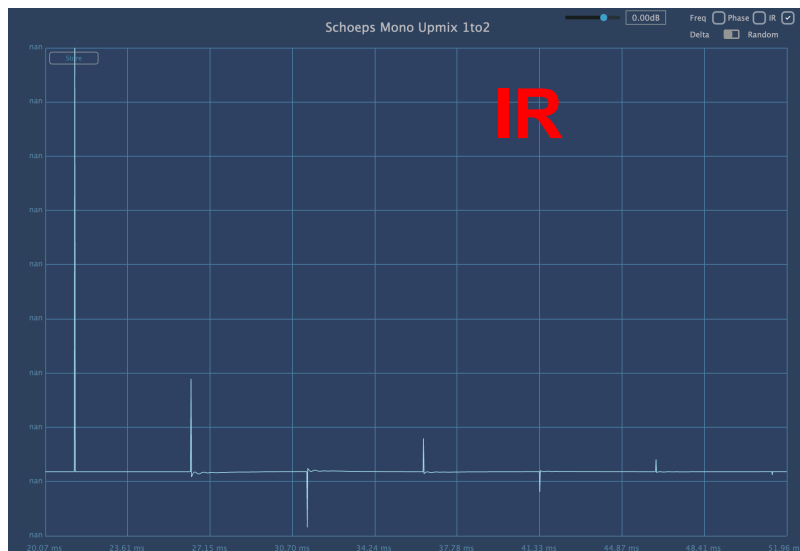
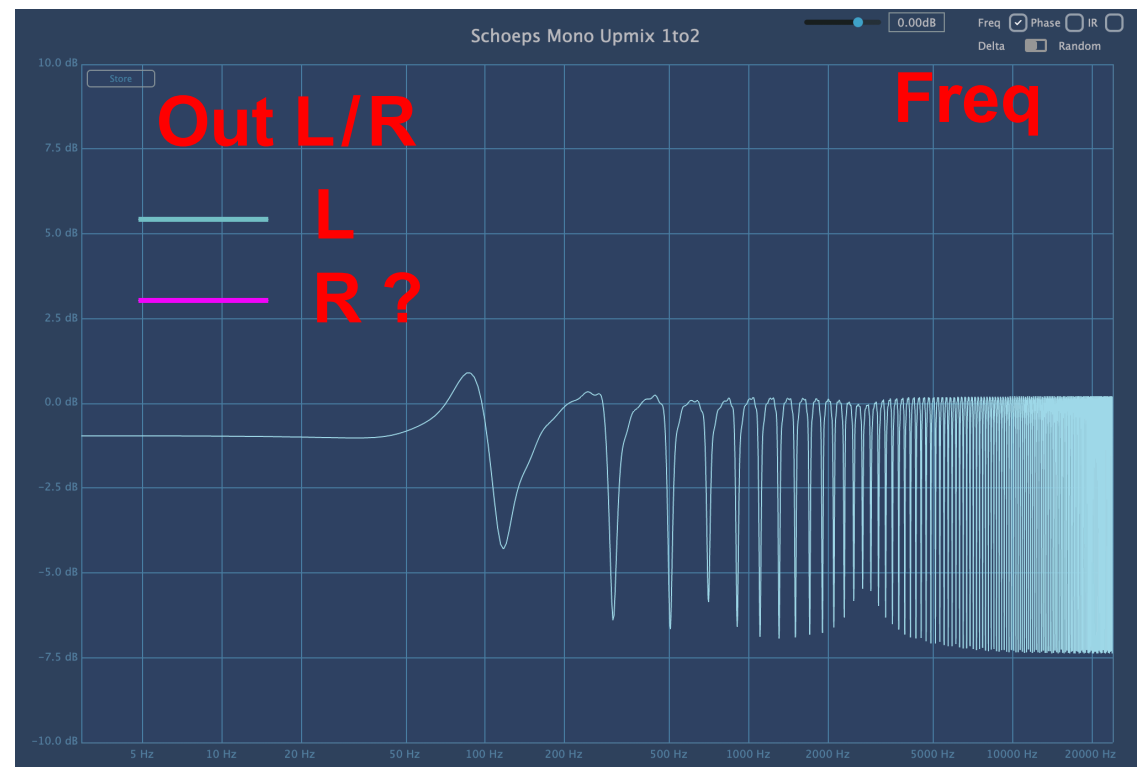
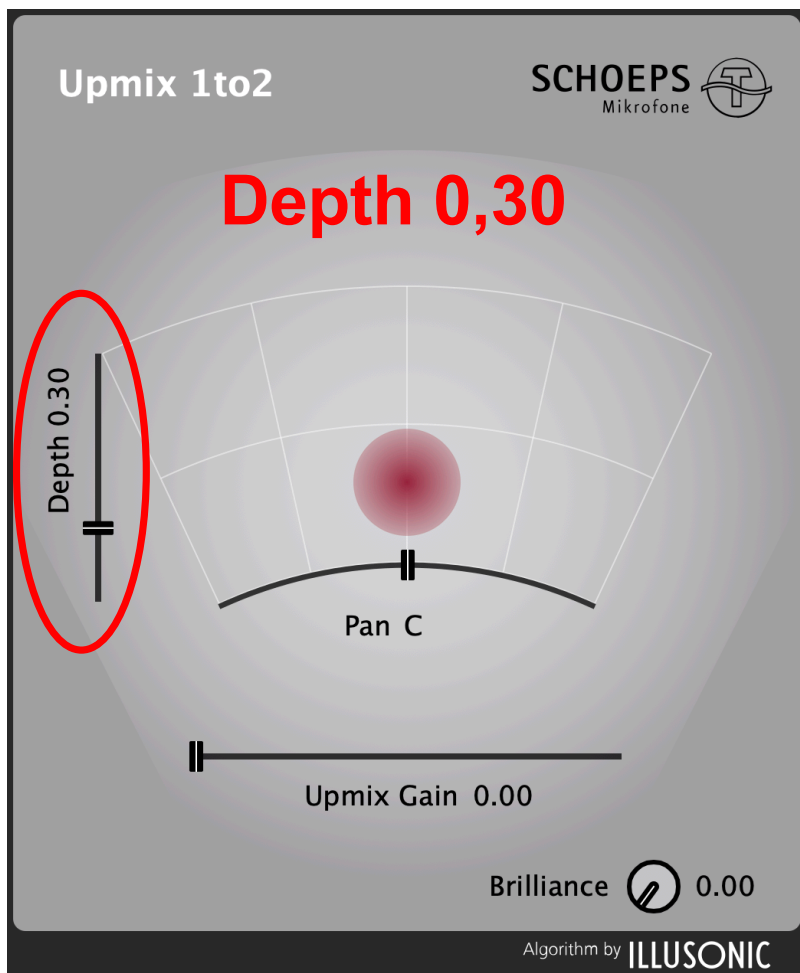
SCHOEPS Mono Upmix 1to2

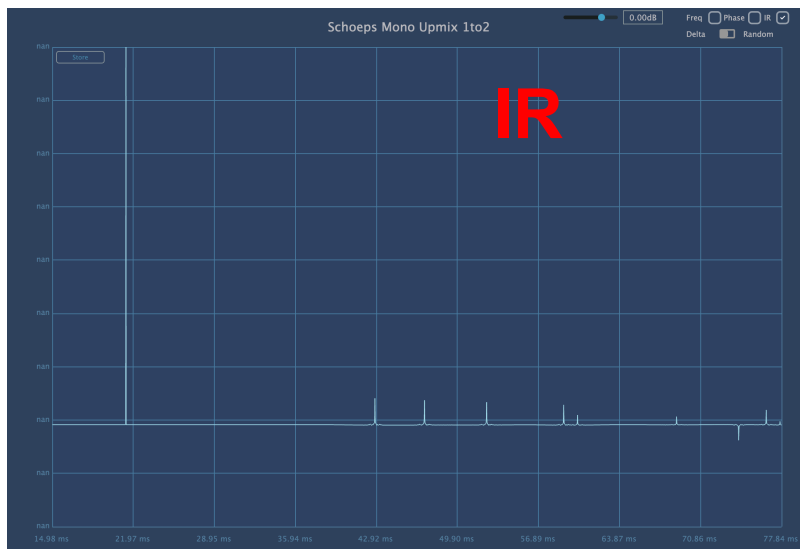
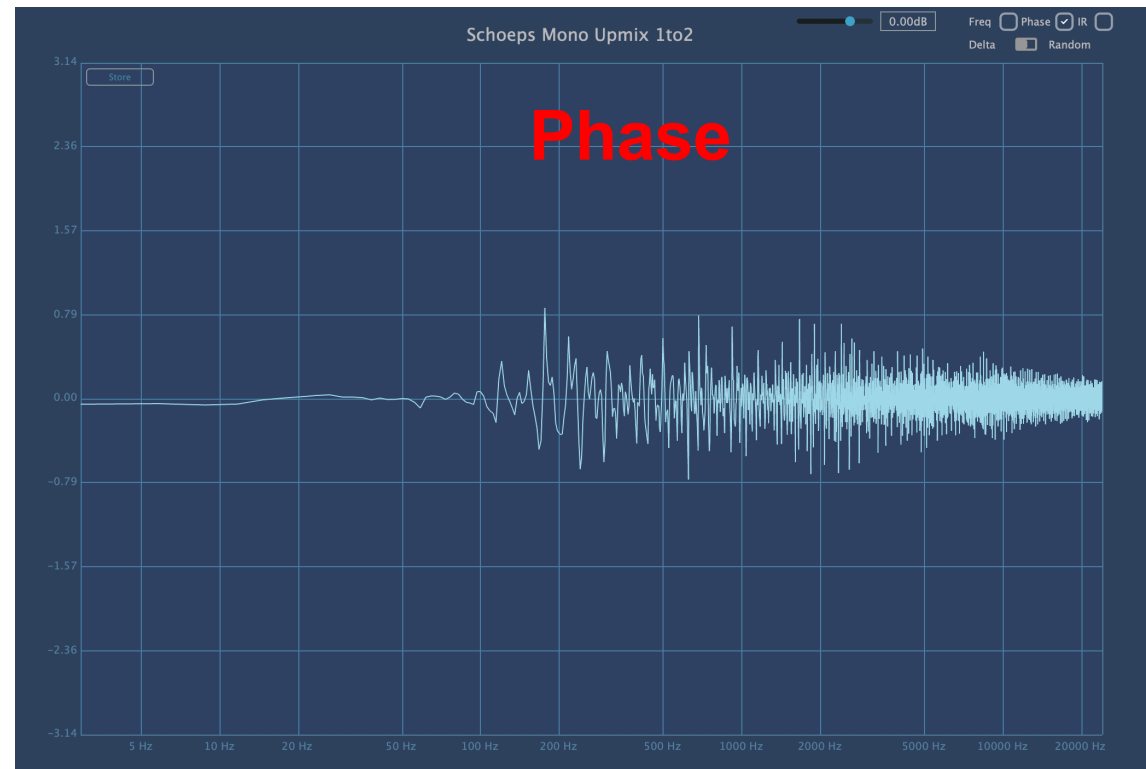
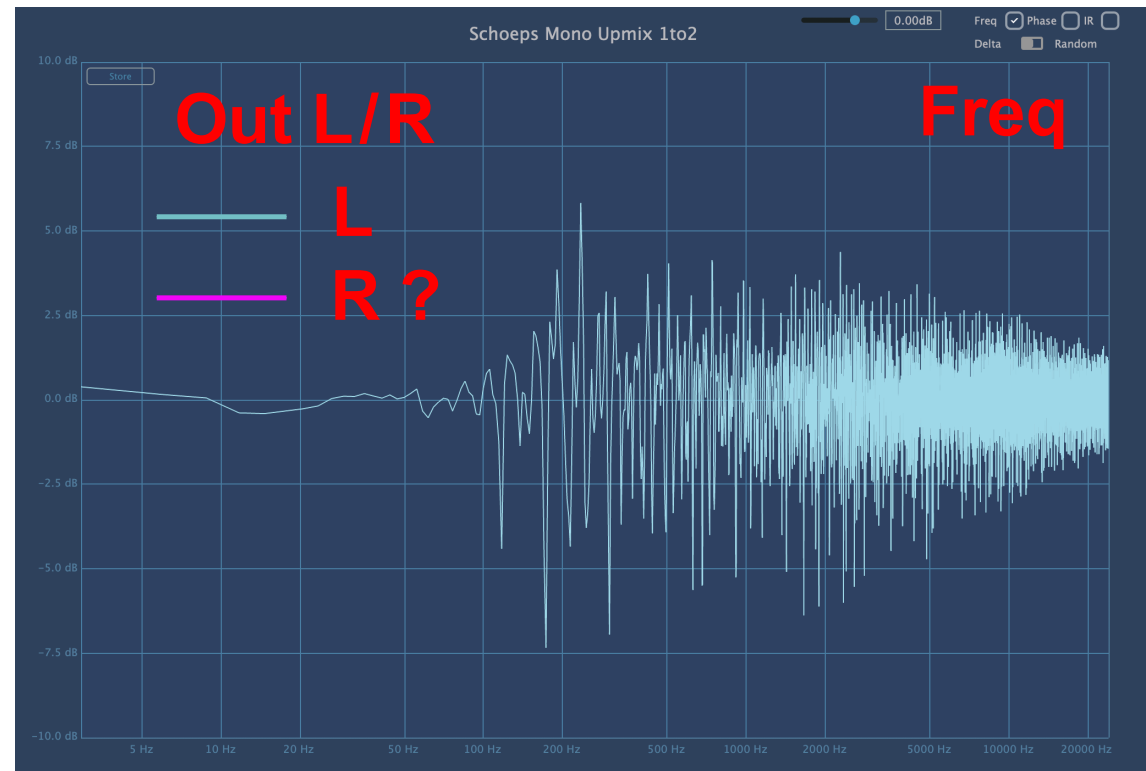
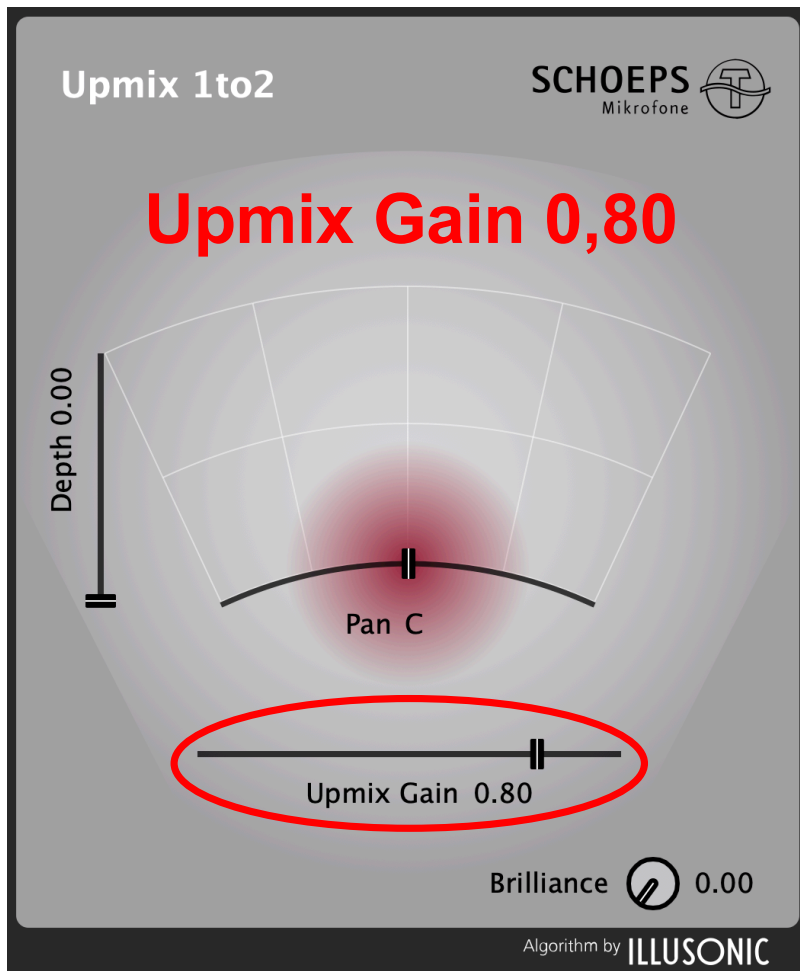
- **Pan C** : Le curseur de panoramique permet de déplacer le signal mono brut de gauche à droite, comme avec un panoramique stéréo classique. Notez que seul le signal mono brut est panoramique, et non le signal Upmixé, qui est lu en stéréo.
- **Depth** : Le contrôle de profondeur permet de placer une source mono plus en arrière dans l'image stéréo en ajoutant des réflexions précoces générées par le signal d'entrée.
- **Upmix Gain** : Contrôle le gain appliqué au son diffus extrait. L'augmenter produit un signal plus « humide ».
- **Brillance** : Le contrôle de brillance amplifie les hautes fréquences du son diffus extrait.

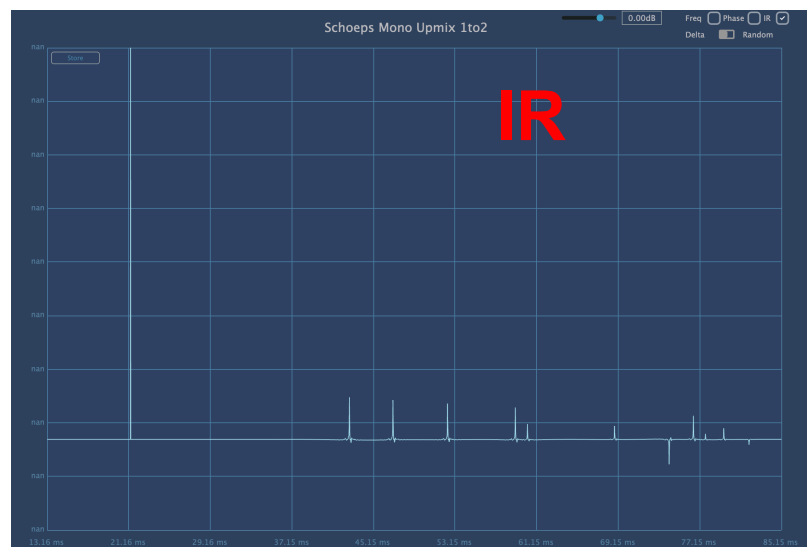
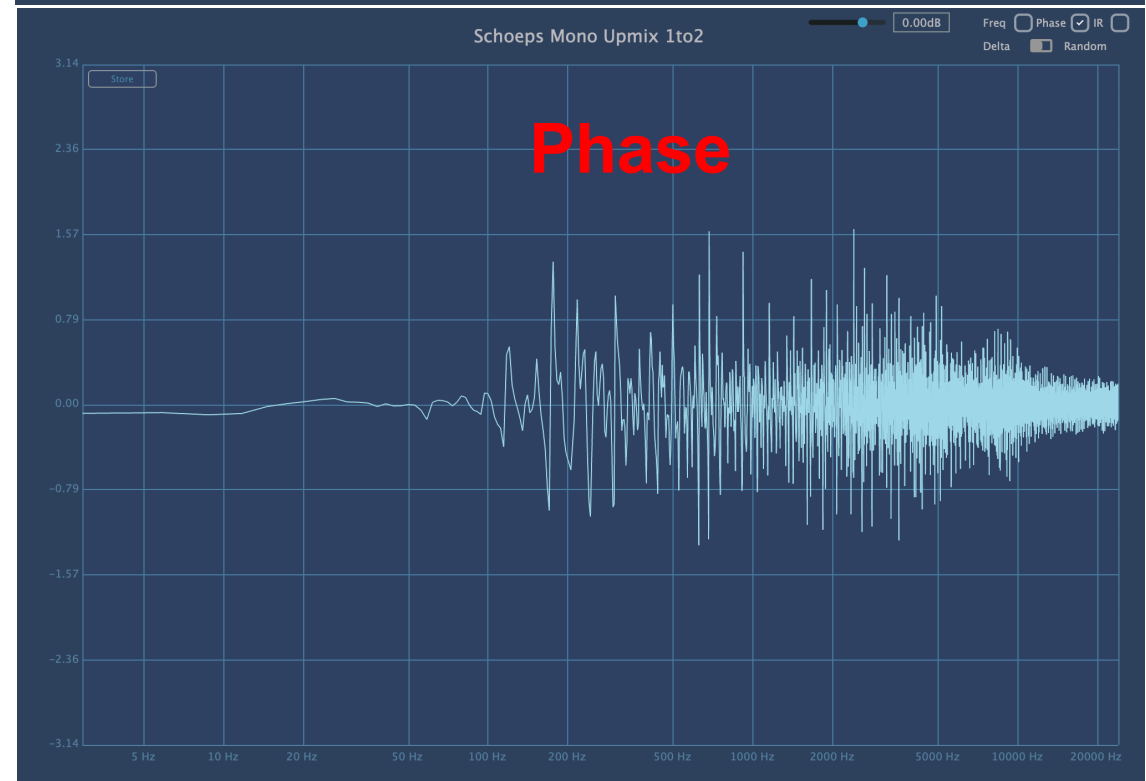
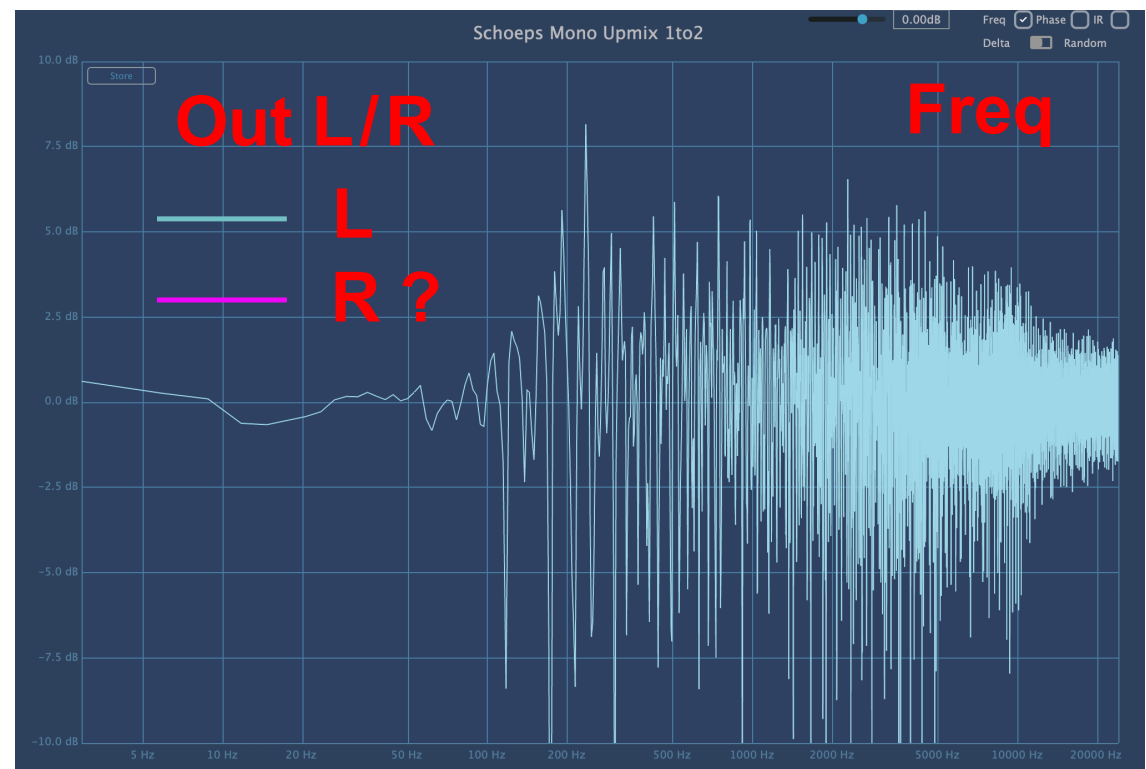
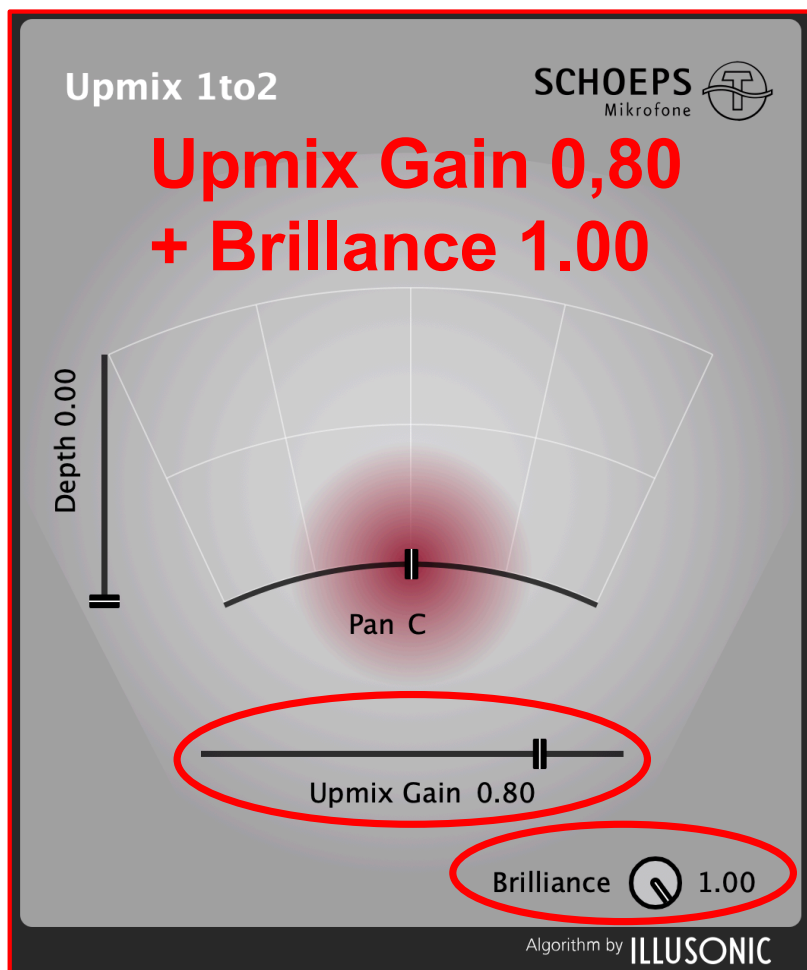
SCHOEPS Mono Upmix 1to3

La plupart des commandes de la version **1to3** sont identiques à celles de **1to2**.

- **Divergence** : La divergence vous permet de contrôler la balance du centre fantôme entre G/D et le canal central discret C. Lorsque la divergence est de 0, 100 % du signal central reste dans l'enceinte centrale. Cela signifie que vous avez un vrai signal central et pas de centre fantôme. Si la divergence est de 1, 100 % du signal central est dirigé vers G/D. Dans ce cas, vous n'avez plus de vrai signal central, mais un centre fantôme pur entre G/D.







Upmix 1to2

SCHOEPS
Mikrofone

**Upmix Gain 0,80
+ Depth 0.50**

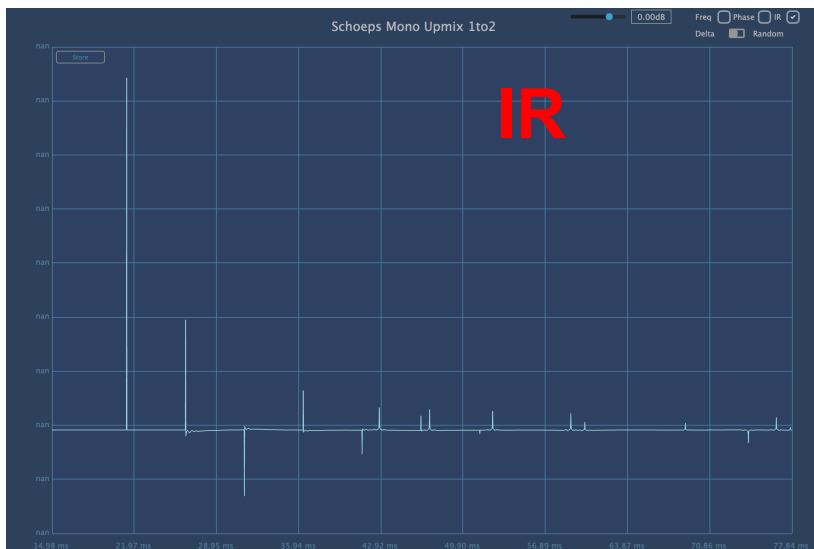
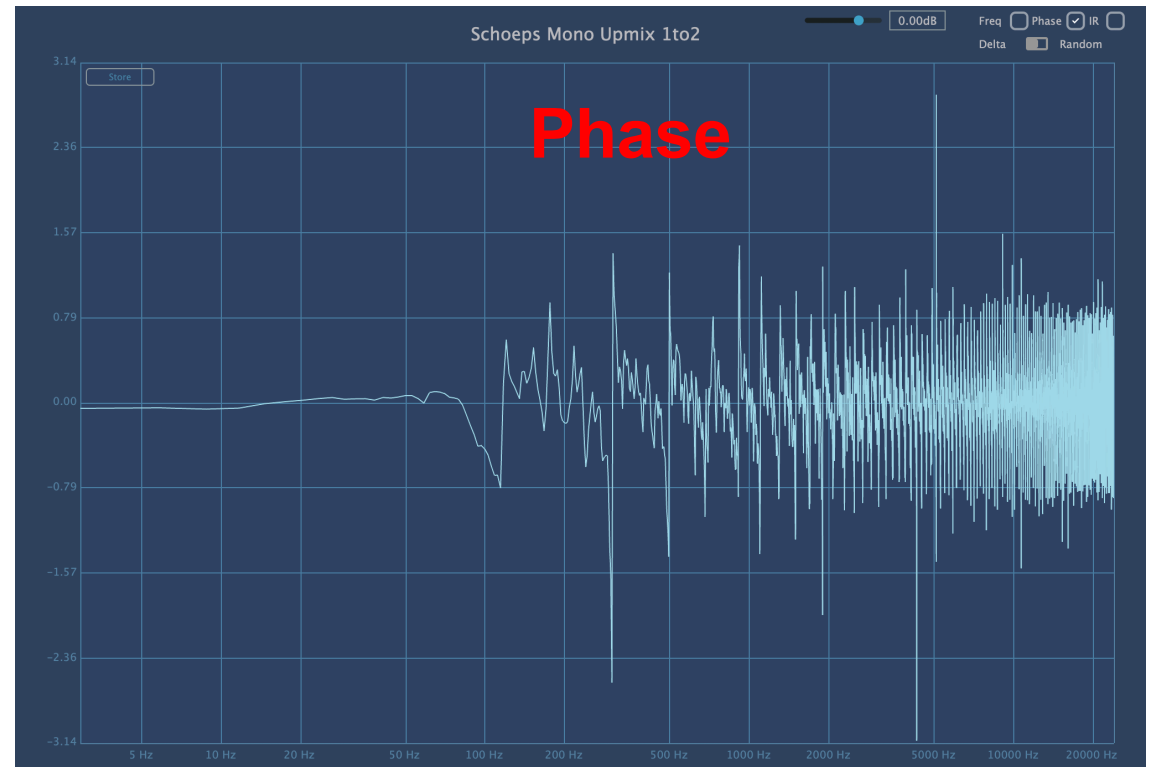
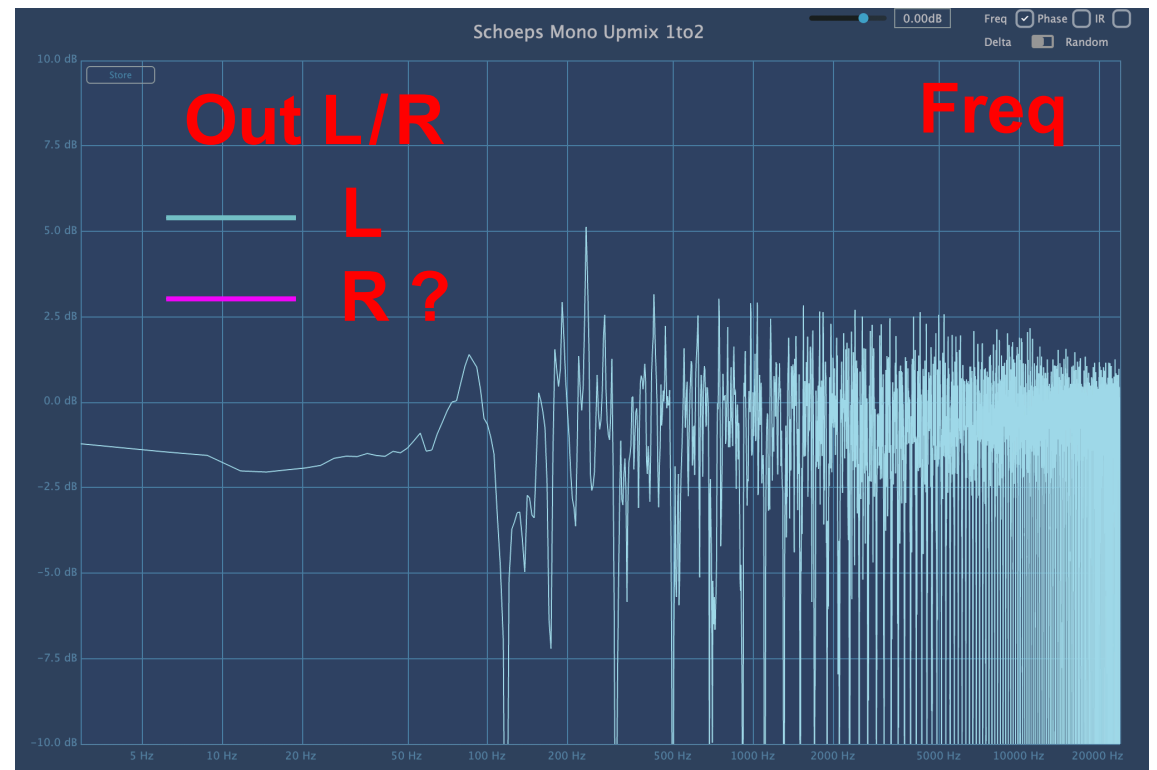
Depth 0.50

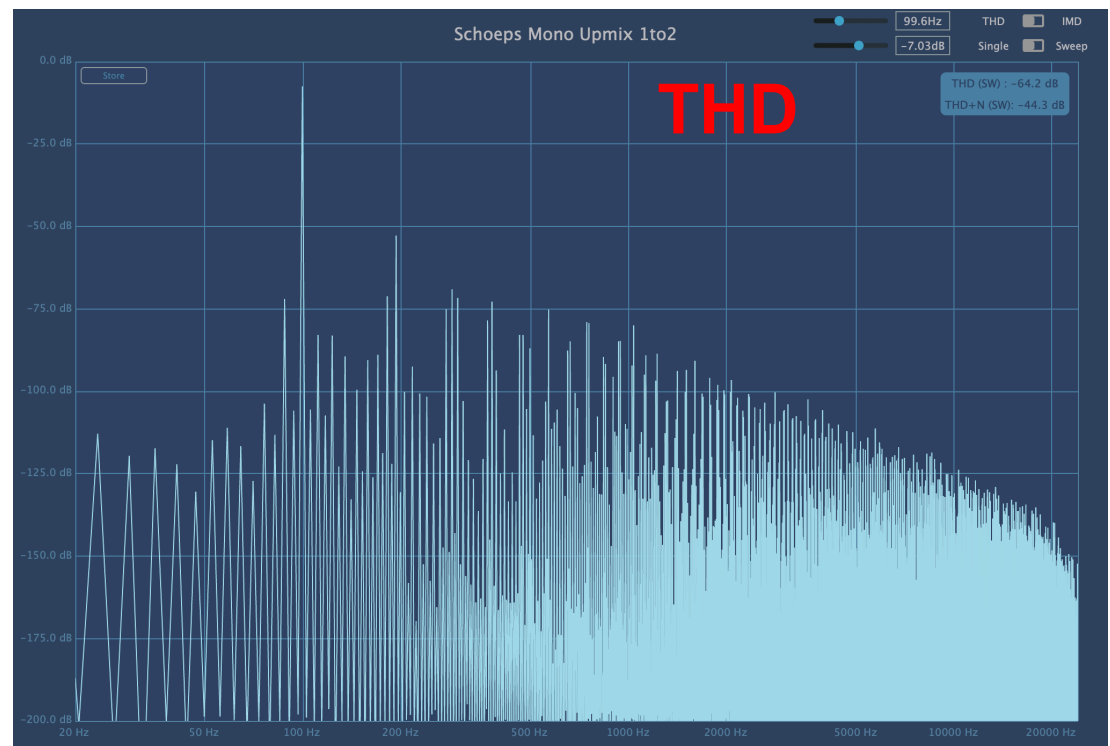
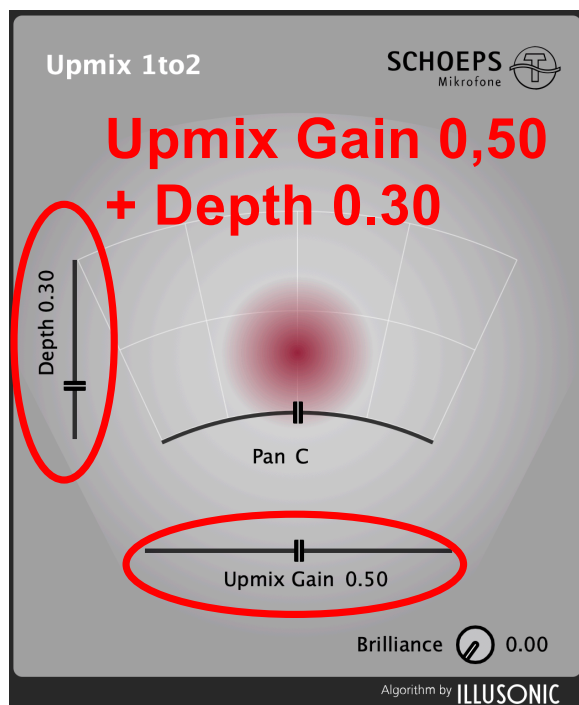
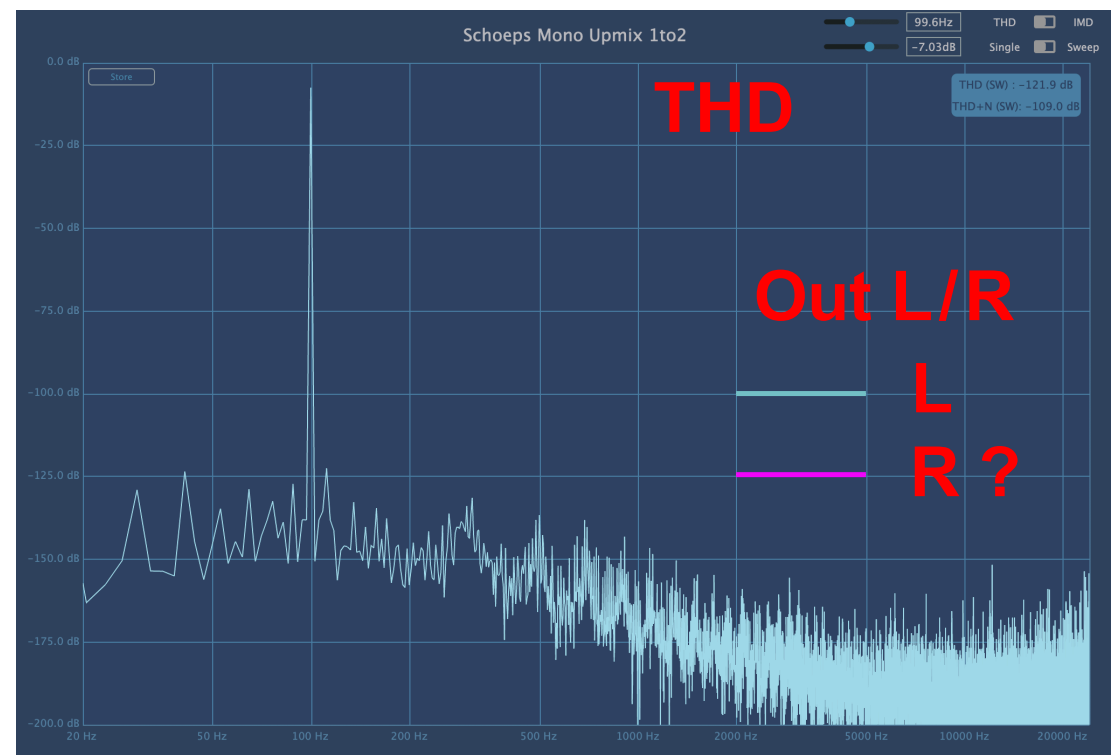
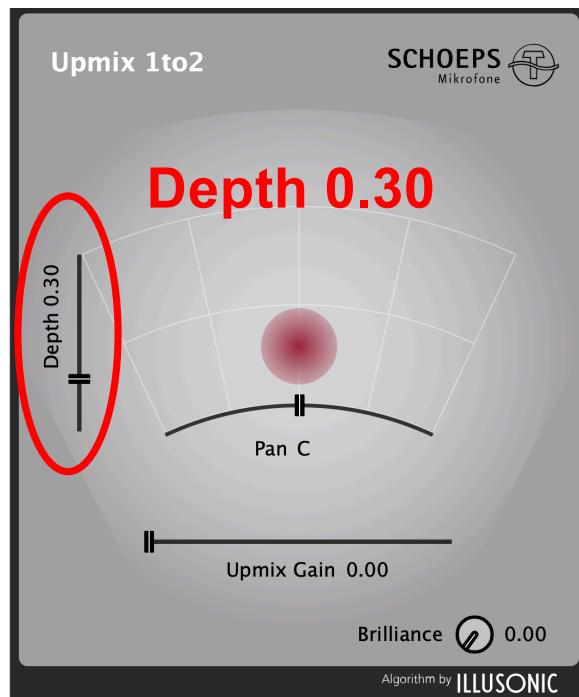
Pan C

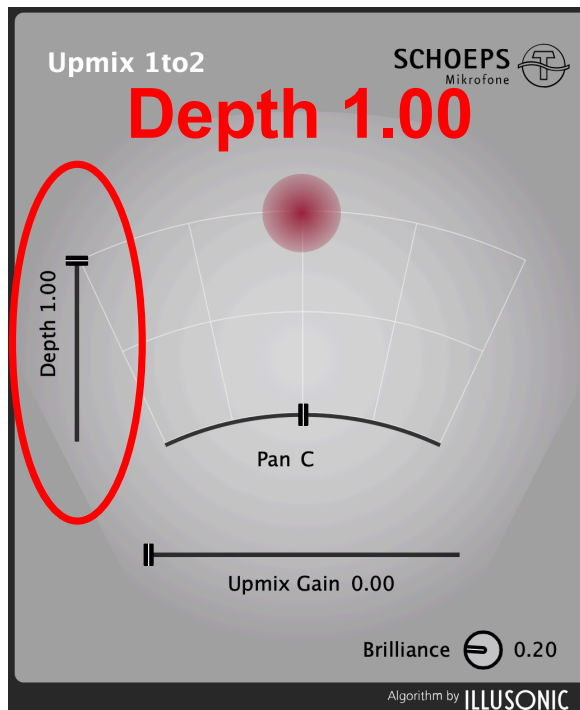
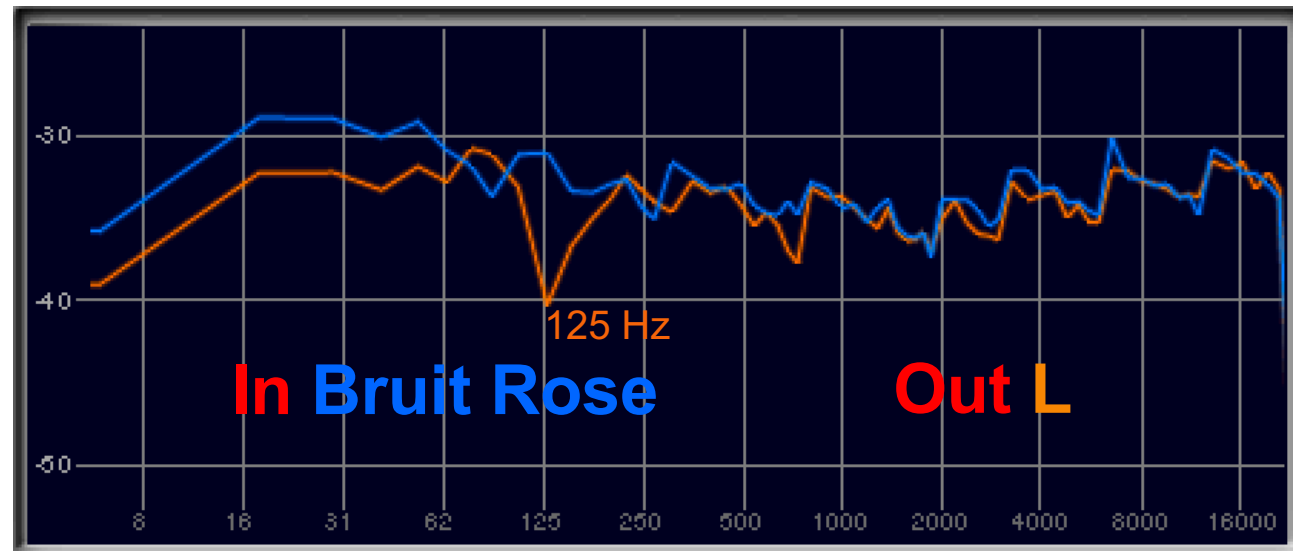
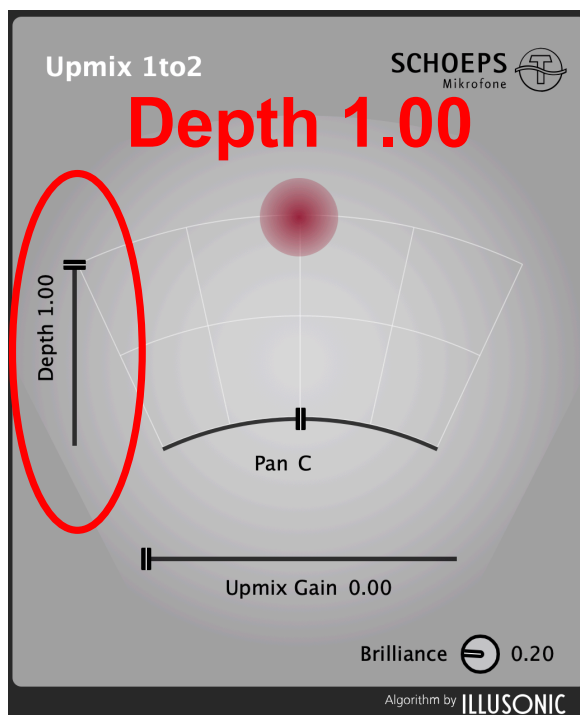
Upmix Gain 0.80

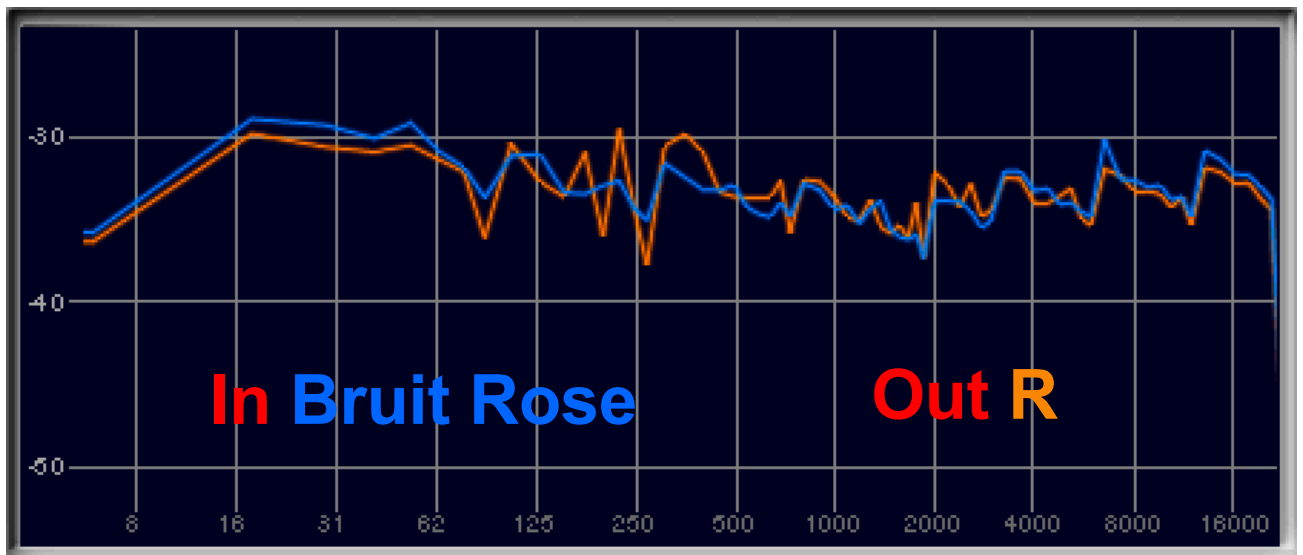
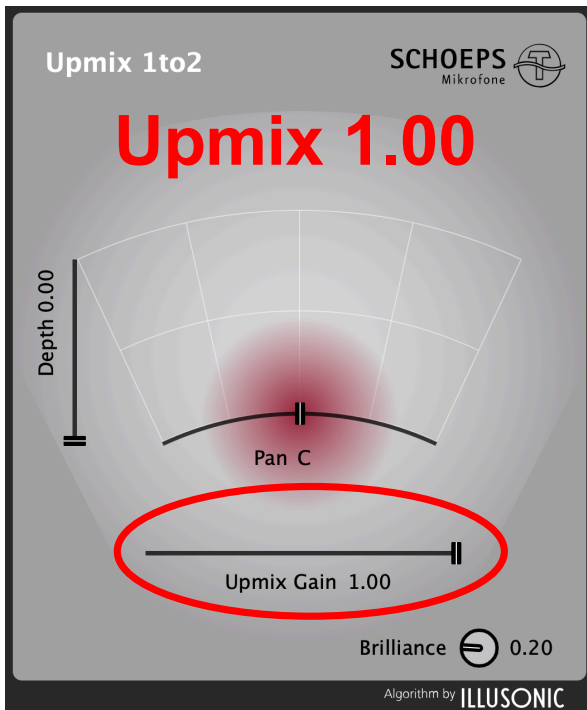
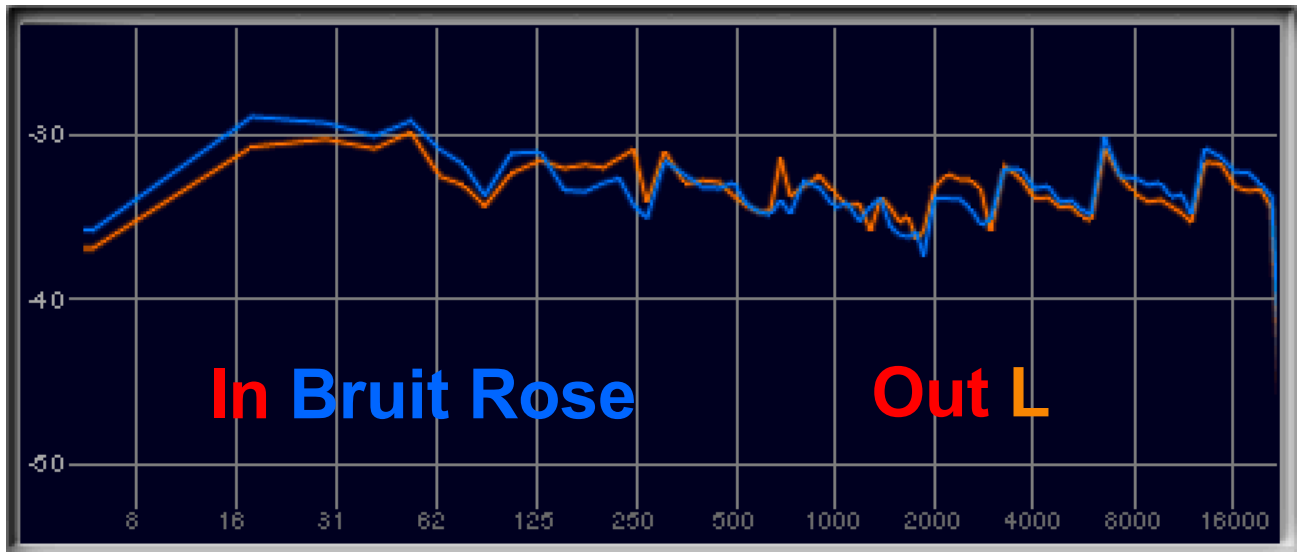
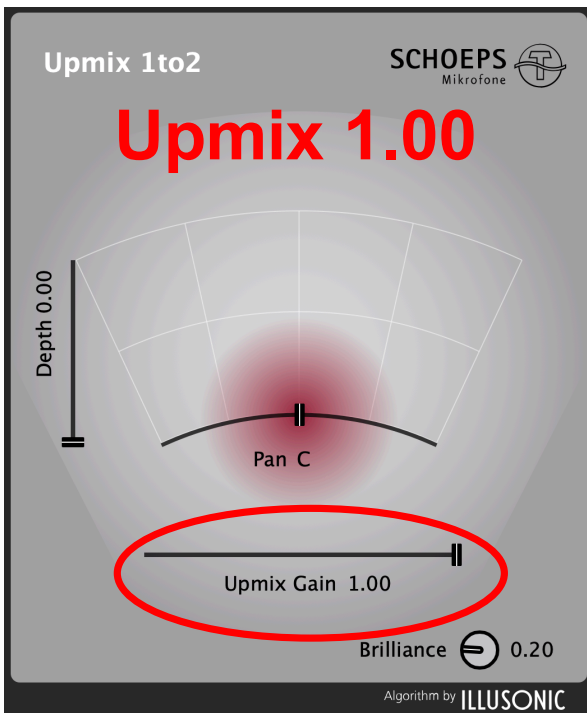
Brilliance 0.00

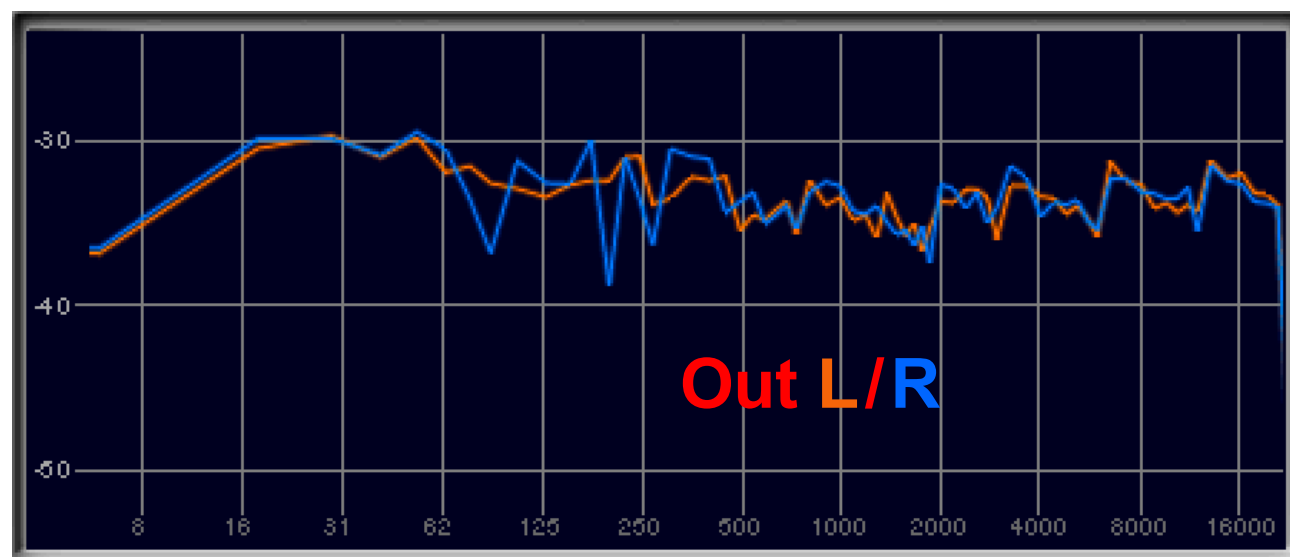
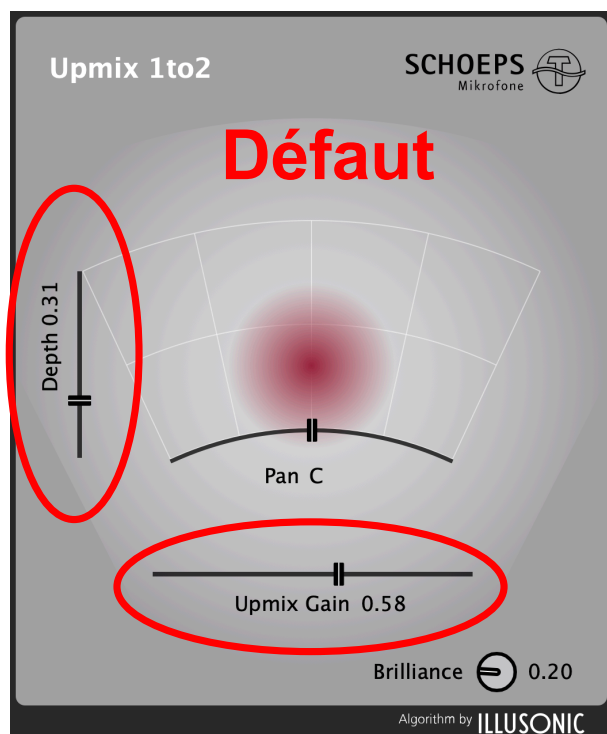
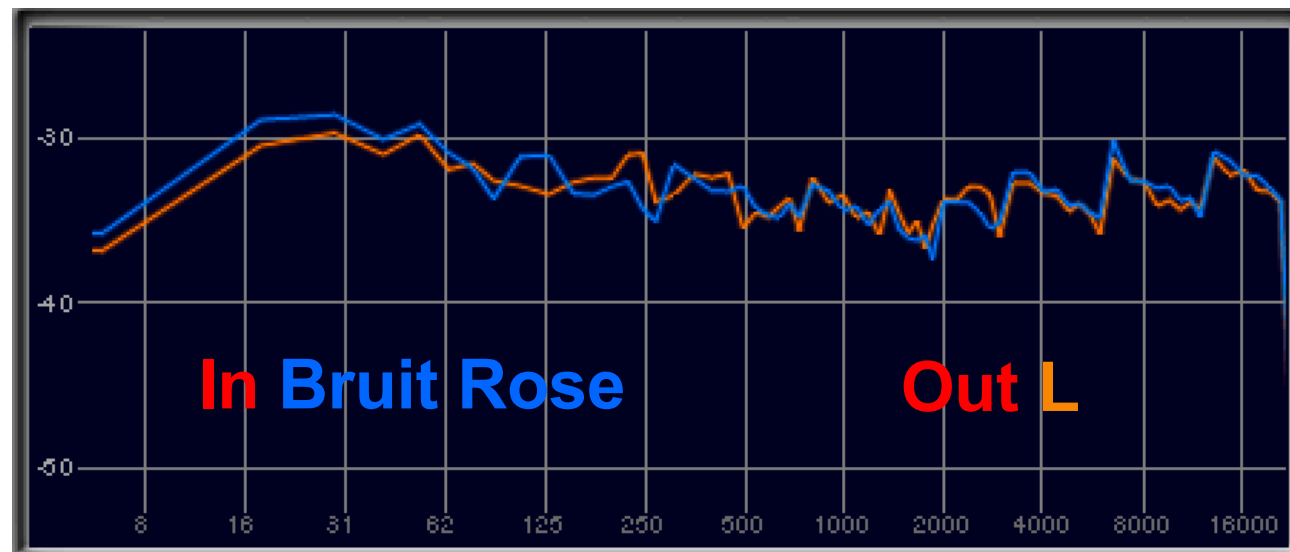
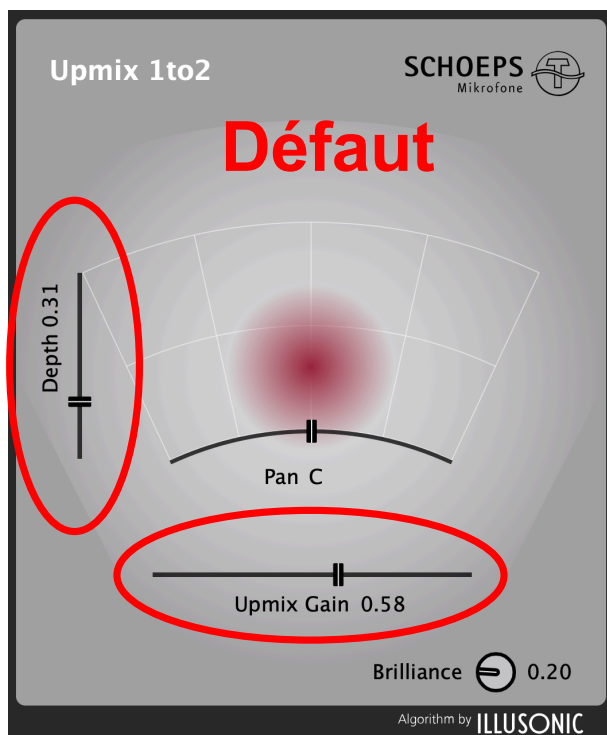
Algorithm by ILLUSONIC





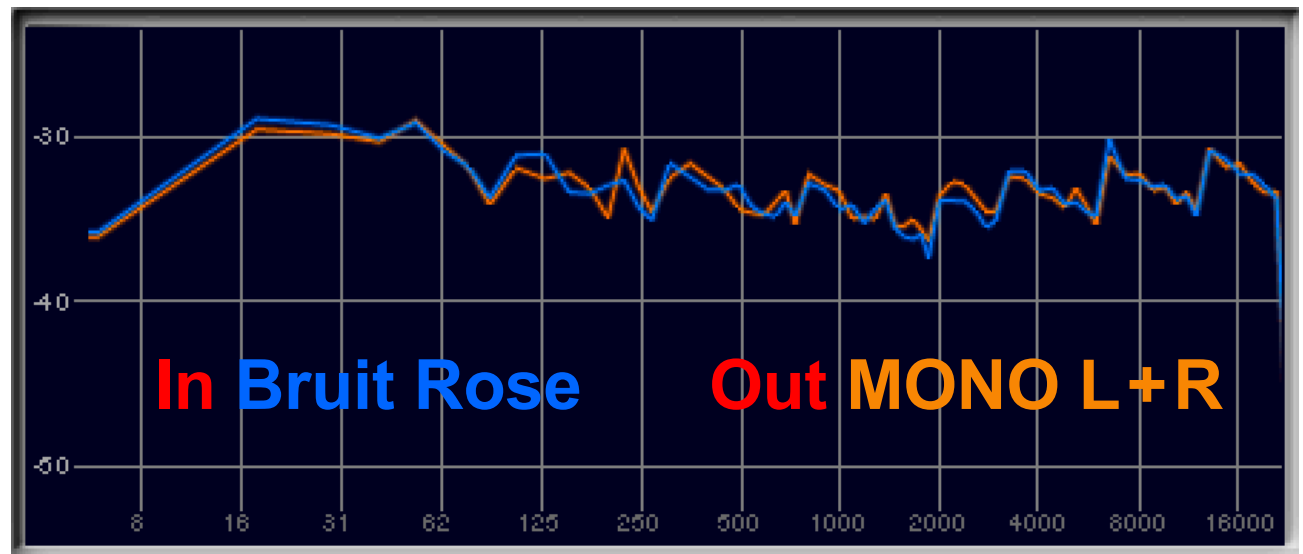
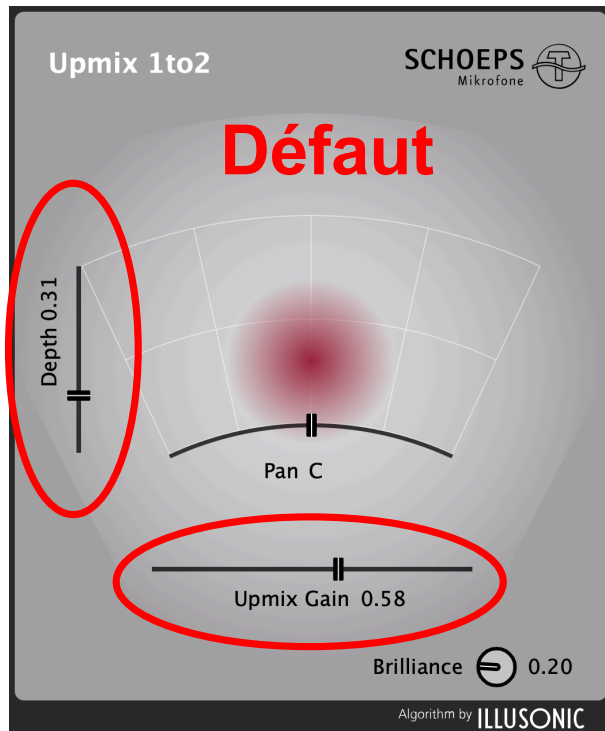






Corrélation L/R = +0,6

Par Défaut – *Compatibilité Mono*



USER GUIDE

Mono Upmix Plugin

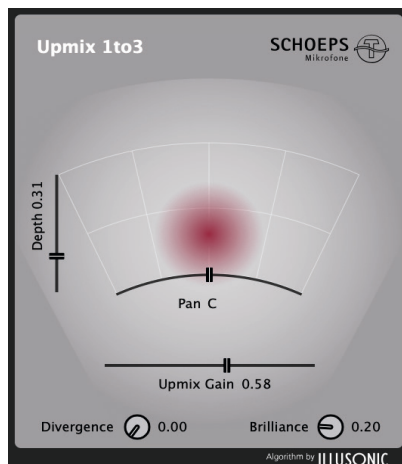
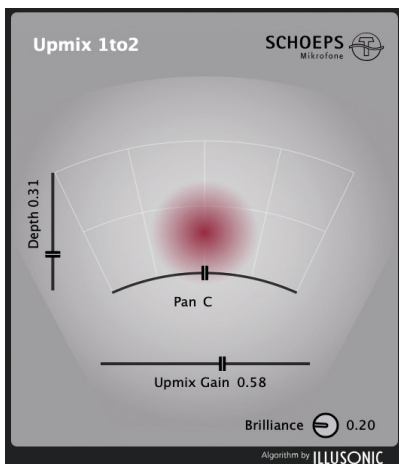


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INTRODUCTION

The SCHOEPS Mono Upmix plugins will improve your flexibility when working with your mono sources in a mix. You can place sources further back in the stereo image by changing the early reflection patterns. You can also boost the diffuse sound from the mono signal itself.

The SCHOEPS Mono Upmix plugin comes in two versions:

- SCHOEPS Mono Upmix 1to2 - upmix a mono to a stereo signal
- SCHOEPS Mono Upmix 1to3 - upmix a mono to a LCR signal

The 1to3 version especially can be very useful in cinematic productions and location sound.

Key Features

- Widening of spot or dialogue microphone signals
- Influencing the perceived distance and placement of a mono source in a LR or LCR image
- Boosting the diffuse sound of the mono source itself

Applications

- Music recording
- Film and location sound
- Post-production
- Sound design

INSTALLATION

After downloading, unzip the archive and launch the installer for SCHOEPS Mono Upmix plugin. The installer will guide you through the installation process, copying files into the common VST2.4, VST 3, AU, or Pro Tools plug-in folders on your computer. Your host should automatically recognize the plug-in upon the next restart. During installation, you will be prompted to register SCHOEPS Mono Upmix plugin with your iLok account.

Mac OS:

On Mac OS X, you can find the standard plug-in folders in the system library folders. The paths are as follows: Audio Units (AU): /Library/Audio/Plug-Ins/Components VST: /Library/Audio/Plug-Ins/VST and /Library/Audio/Plug-Ins/VST3 AAX: /Library/Application Support/Avid/Audio/Plug-Ins

Windows:

On Windows, you can find the standard plug-in folders in the system library folders. The paths are as follows: VST: C:\Program Files\VSTPlugins AAX: C:\Program Files\Common Files\Avid\Audio\Plug-Ins If your host does not recognize the plug-in, you may need to manually copy it to the host-specific plug-in path.

iLOK Registration:

The Authorization Wizard will open if SCHOEPS Mono Upmix plugin has not yet been authorized when you insert the plug-in or when it is scanned by your host application. You need to have an iLok account in order to use SCHOEPS Mono Upmix plugin. Setting up an iLok account is free and easy. For more information, please visit www.ilok.com. Choose whether to activate the plug-in to your computer or to an iLok 2 or later. Please note that first-generation iLoks are not supported. After your purchase from TONSTURM, you will receive an email from us containing the download link for the installer and an iLok activation code (e.g., XXXX-XXXX-XXXX-XXXX-XXXXXXXX-XXXX-XX). Download the iLok Manager from www.ilok.com, then choose ACTIVATE. You will be presented with the activation window, where you may enter your code. Copy and paste the entire code into the entry form, and select your activation location: your computer or your iLok.

ROUTING

You can use the plugin either as an insert effect or as a send effect. The 1to2 version takes one input signal and generates two output signals for L/R. The 1to3 version takes one input signal and generates three output signals for LCR. You can check out our tutorial videos for setting up the Upmix plugin [here](#).

The behavior of multi channel tracks is dependent on the DAW you are using. In order to achieve the best compatibility for the Upmix plugin, both versions support different I/O configurations.

Input Signals

- 1to2
 1. Left
 2. ignored
- 1to3
 1. Left
 2. ignored
 3. ignored

Output Signals

- 1to2
 1. Left
 2. Right
- 1to3
 1. Left
 2. Right
 3. Center

Using Upmix as an insert effect.

Setting up the Upmix plugin as an insert effect is straight forward. Depending on your DAW, set up a mono or a multi channel track and insert the Upmix plugin. Check out the detailed description for your DAW on how to approach this.

Using the Upmix plugin as an insert effect is the recommended method.

Using Upmix as a send effect

If you want to use the Upmix plugin as a send effect, you have to create a stereo effect track for 1to2 and a three channel effect track for 1to3.

The left channel (ch. 1) is always the input signal for both versions of the plugin. Make sure that the input signal always goes to the left input of your effect track. Use panning or hard routing for this.

Pro-Tools (AAX)

The AAX version determines the track I/O configuration by itself when inserting the plugin. The 1to2 version can be inserted in mono and stereo tracks.

The 1to3 version can be inserted in mono and 3 channel tracks.

In Pro-Tools the recommended way is to always create a mono track for the signal you want to upmix. Starting from the insert point on the mono track it will be turned into either a 2 or a 3 channel track, depending on the version of the Upmix plugin.

When you use a stereo track, make sure that the input signal is on the first input channel (left channel). When using the 1to2 version, the second input (right channel) will be ignored by the plugin. For the 1to3 version, the inputs for right and center will be ignored.

Nuendo / Cubase (VST3)

When using VST3, make sure that the 1to2 version is inserted into a 2 channel track and the 1to3 version is inserted into a 3 channel track. Otherwise the plugin will not work correctly. This also applies if you want to use the plugin as a send effect.

In Nuendo/Cubase it's possible to insert the plugin into all kinds of other multi channel tracks. However, you must be careful and adjust the plugin I/O routing by hand in the routing editor to get the correct routing. To avoid this, the recommended method is to use stereo tracks for 1to2 and 3 channel tracks for 1to3.

Logic (AU)

Audio Units have some special limitations when it comes to multi channel audio. If you want to use the 1to3 Version of the Upmix plugin you can use [Reaper](#). For Ableton Live or Logic Pro X you can only use the 1to2 version of the Upmix plugin.

PARAMETERS

The parameters of the Upmix Plugin are easy to understand and overlap between the two versions.

SCHOEPS Mono Upmix 1to2

- **Pan:** The panning slider allows to pan the dry mono signal from L to R like with a normal stereo panner. Keep in mind that only the dry mono signal is panned and not the upmixed signal which is played back in stereo.
- **Depth:** The depth control lets you place a mono source further back in the stereo image by adding early reflections which are generated based on the input signal.
- **Upmix Gain:** Controls the amount of gain which is applied to the extracted diffuse sound. Increasing it results in a more "wet" signal.
- **Brilliance:** The brilliance control boosts the high frequencies in the extracted diffuse sound.

SCHOEPS Mono Upmix 1to3

Most of the controls for the 1to3 Version are the same as for the 1to2 version. Except:

- **Divergence:** Divergence gives you control of the balance of the phantom center between L/R and the real discrete center channel C. When Divergence is 0, 100% of the center signal stays in the center speaker. This means you have a real center signal and no phantom center. If Divergence is 1, 100% of the center signals goes to L/R. In this case you no longer have a real center signal and instead have a pure phantom center between L/R.

TROUBLESHOOTING

- **VST3:** If the output sound isn't as expected, it could be due to the incorrect routing of the input signal. The left channel is always the main input in both versions of the plug-in. Make sure that the mono input signal is routed to the left channel. Use panning or direct routing to do this.

CHANGELOG

Version 1.2.0

- Added support for universal macOS binary (x86_64 and arm64)
- Min osx version set to 10.12 (macOS Sierra)
- AAX update to 2.4.0
- boost update to 1.7.8

Version 1.1.0

- Added smooth bypass
- Fixed osx crash in Plug-in Unit Test From Steinbergs VST3 Plug-in Tests App
- Disabled Screen new graphics with hovering
- BXLicenser update 5.1
- VST support removed; only VST3 now
- AAX update to 2.3.2
- JUCE update to 6.0.8
- boost update to 1.7.3

Version 1.0.0

Initial Release