SOUND DEVICES

日本テックトラスト株式会社

MixPre NoiseAssist Plugin

USER GUIDE

tt 日本テックトラスト株式会社

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WEEE Statement
If you wish to discard a Sound Devices product in Europe, contact Sound Devices (Germany) for further information.

Warning! This device can drive headphones to potentially dangerous levels. Do not listen at high volume levels for long periods.

Manual Conventions

NoiseAssist Plugin User Guide | 06/18/20
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This table provides the revision history and cross-reference links to "what's new" in this guide.

DATE	DESCRIPTION
06/20	v7.00 Initial release

目次

NoiseAssist Overview

NoiseAssist を使用して、ダイアログの明瞭さを維持しながら、トラフィック、発電機、HVAC ノイズなどのバックグラウンドノイズを低減します。NoiseAssist は、48.048 kHz 以下のサンプルレートでのみ、24 または 32 ビットの浮動小数点ビット深度で使用できます。

NOISASSIST MENU
Menu> System> NoiseAssist に移動して、NoiseAssist メニューにアクセスします。 NoiseAssist にアクセスできるのは、NoiseAssist プラグインがインストールされていて、Advanced Mode か、チャネルが Advanced に設定された Custom Mode が選択されている場合です。 Custom モードで、Record が Advanced に設定された状態では、NoiseAssist を L または R ミックストラックで使用できます。

NoiseAssist を適用するチャンネルまたはミックストラックを選択します。 NoiseAssist は、単一のチャンネルまたはミックストラックにのみ適用できます。

NoiseAssist On を選択して、NoiseAssist をアクティブにします。
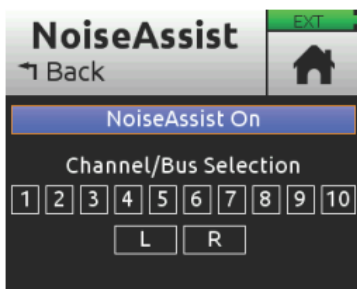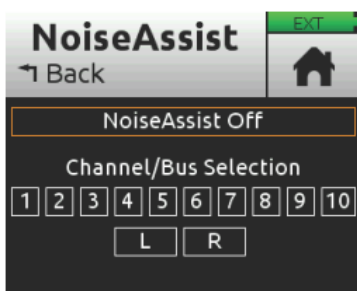
ADJUSTING A CHANNEL'S NOISEASSIT
（NoiseAssist で選択したチャンネルの）チャンネル画面の 2 ページ目に移動し、N.Asst 値を調整します。 NoiseAssist の値の範囲は 0 dB～-20 dB で、0 dB はノイズ減衰がないことを表し、-20 dB はノイズ減衰の最大量です。
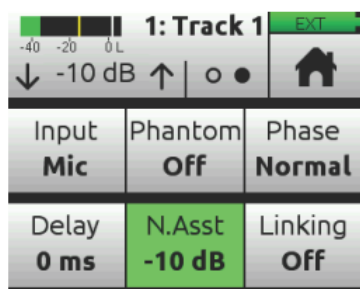
ADJUSTING A MIX TRACK'S (L OR R) NOISEASSIT
Record メニューの 3 ページに移動し、Left または Right N.Asst 値を調整します。 NoiseAssist の値の範囲は 0 dB～-20 dB で、0 dB はノイズ減衰がないことを表し、-20 dB はノイズ減衰の最大量です。
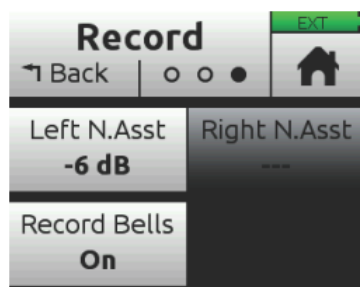
NoiseAssist が有効になっているチャンネルまたはミックストラックは、ホームスクリーンメーターにダイヤモンド・マークが表示されます。 ダイヤモンド・マークは、信号に含まれるすべての周波数帯域で平均化された NoiseAssist の量に基づいてメーター上を移動します。 ダイヤモンドの位置がメータースケール上で低くあるほど、バックグラウンドノイズが減衰されています。 オーディオ信号が変化すると（たとえば、マイクがダイアログを拾うと）、ダイヤモンドはスケールの上部に移動します。これは、NoiseAssist アルゴリズムが信号をリアルタイムで学習して適応していることを示します。
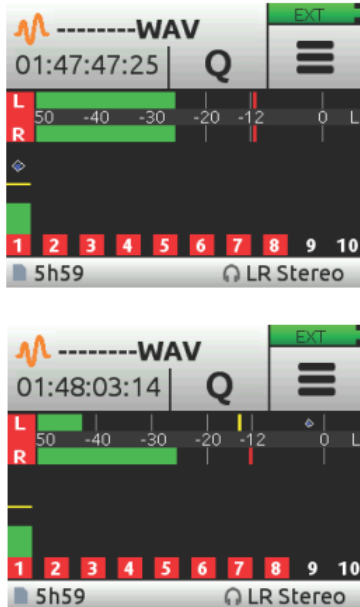
NoiseAssist を効果的に使用するには、デフォルト設定の-6 dB から始め、環境（騒音）に応じて数値を増減させてください。理想的な設定は、音に色を付けることなく背景のノイズだけが減る数値です。

ヒント：複数マイクのセットアップでは、MixAssist と NoiseAssist（L または R に適用）の組み合わせにより、効果的にノイズを抑制できる場合があります。

ヒント：Remix がオンの場合、再生中に NoiseAssist を適用できます。

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Two Level Segregated Fit memory allocator, version 3.1. Written by Matthew Conte http://tlsf.baisoku.org
Based on the original documentation by Miguel Masmano: http://www.gii.upv.es/tlsf/main/docs
This implementation was written to the specification of the document, therefore no GPL restrictions apply.
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This agreement and limited warranty are governed by the laws of the state of Wisconsin.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. FCC Part 15.19 (a) (3)

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

FCC & ISED User Statement

This device complies with FCC and ISED RF Exposure SAR limits exposure limits for general population / uncontrolled exposure.

Cet appareil est conforme à la norme FCC et USED RF Exposure SAR limite les limites d'exposition pour la population générale / l'exposition incontrôlée.

This Device complies with Industry Canada License-exempt RSS standard(s). Operation is subject to the following two conditions: 1) this device may not cause interference, and 2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme avec Industrie Canada, exempts de licence standard RSS (s). Son fonctionnement est soumis aux deux conditions suivantes: 1) ce dispositif ne peut pas causer d'interférences, et 2) ce dispositif doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.