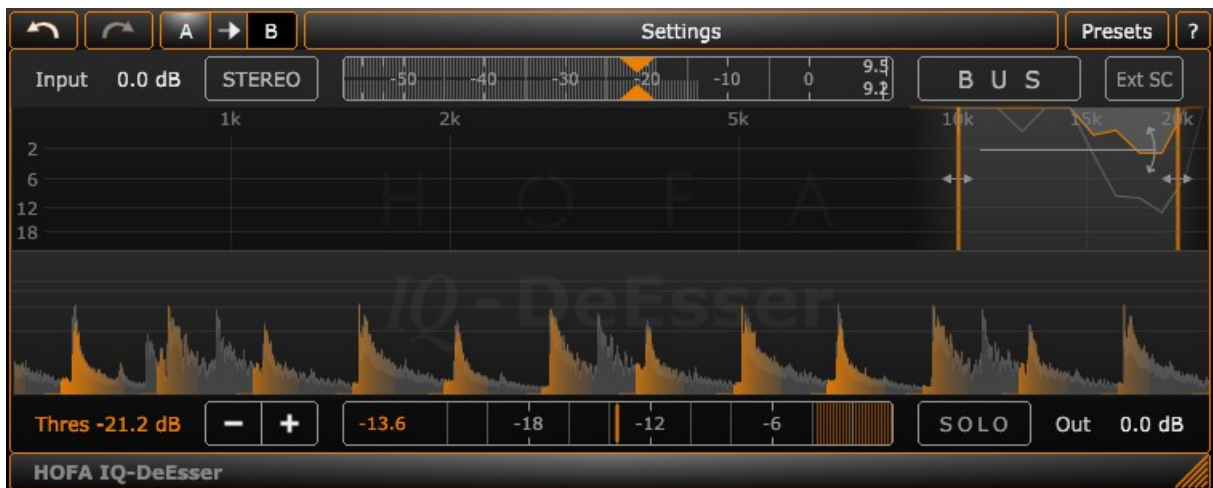
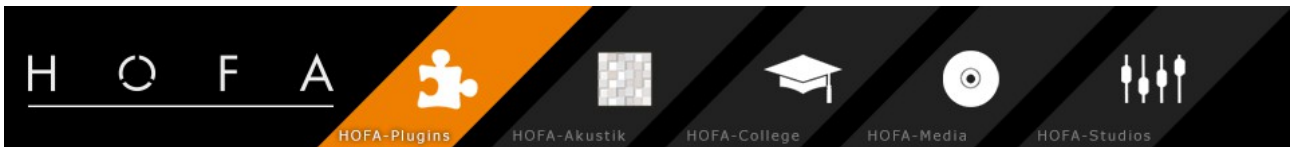


# HOFA

## IQ-DeEsser



Manual  
HOFA IQ-DeEsser  
V1.0.1/M1.1



## Introduction

HOFA IQ-DeEsser is a de-esser designed for easiest usage. To cover different applications, it consists of four different modes which are described in detail [below](#).

In contrast to other de-essers, IQ-DeEsser won't require the user to set a frequency range in which sibilants are detected and treated. Instead, IQ-DeEsser automatically detects sibilants as well as the affected frequencies. Hereby the user only needs to adjust the threshold after selecting an appropriate mode. This leads to a very natural sounding processing of sibilants.

## Installation

To install HOFA IQ-DeEsser you will need the HOFA-Plugins Manager which you can download here:

<http://hofa-plugins.de/en/downloads>

The HOFA-Plugins Manager also allows installing all further products by HOFA-Plugins which you can test for 14 days if you are interested.

Select "Install" in the field "HOFA IQ-DeEsser". Furthermore you need to select the plugin format that you want to install at the bottom of the window. The plugin is available in VST, VST3, AU (Mac only), RTAS and AAX format.

By clicking "INSTALL" or "APPLY CHANGES", the latest version of the software will be downloaded and installed on your computer.

If you have not yet purchased the product, you can test it for 14 days. Click on "Start Demo" to start that 14-day period.

## Activation

The activation of the plugin is done with the HOFA-Plugins Manager, which is also used for the installation.

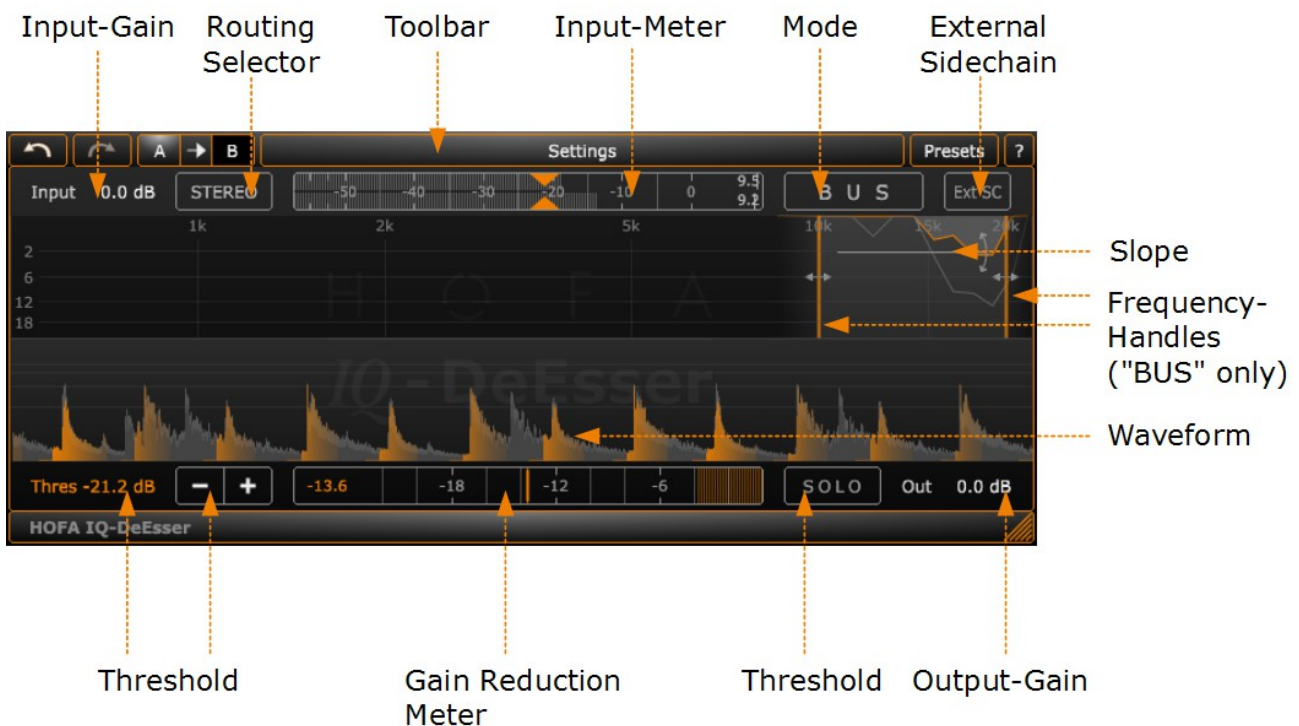
A detailed description of the activation and deactivation process is available here:

[http://hofa-plugins.de/media/HOFA\\_Plugins/manuals/Activation-Deactivation\\_en.pdf](http://hofa-plugins.de/media/HOFA_Plugins/manuals/Activation-Deactivation_en.pdf)

## Quick Start

In most cases it suffices to use "wide" mode for excellent results. Only the threshold needs to be adjusted so the sibilants are neither too loud nor begin to lisp.

## Controls



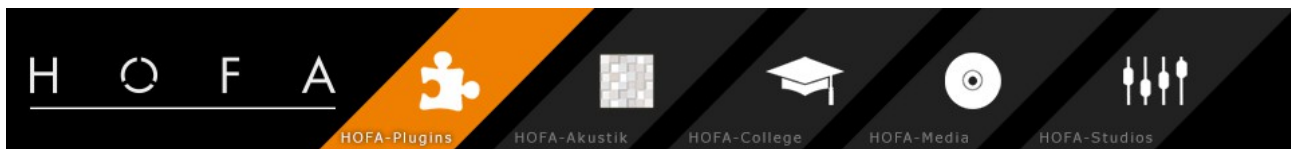
IQ-DeEsser only needs a few controls. Besides input and output gains for level adjustments there are threshold, a routing and mode selector, a solo button and a switch to use the external sidechain signal.

The different modes and Solo are described in the following section.

Threshold can be adjusted by using the number field but also with the handle inside the input meter and the +/- buttons. While holding the shift key, fine adjustments are possible when dragging the number field or using the +/- buttons.

The external sidechain can be used to get better results in a heavily processed signal by using the unprocessed signal for detection.

In "Bus" mode there are two additional handles to set the frequency range that will be processed. Additionally, a slope control allows to lower the threshold frequency dependent for higher frequencies, so high frequencies will be processed more heavily.



## Routing

STEREO

LEFT

RIGHT

MID

SIDE

In stereo instance, it is possible to only process the left or right channel as well as the mid or side signal.

## IQ-DeEsser's Modes



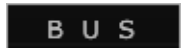
“Wide” is the default mode and works very well for most applications. Sibilants are automatically detected and reduced accordingly.



If a more coloring processing with a darker sound is desired and also to handle overemphasized formants, “Dark” mode is the mode of choice.



In case of narrow sibilants, “Peak” mode selectively reduces sibilants and resonances without affecting neighboring frequencies.



The innovative “Bus” mode is more versatile than the other modes and can be used to precisely control and tame a given frequency range.

Instead of a single frequency it processes all peaks within this frequency range that are too loud.

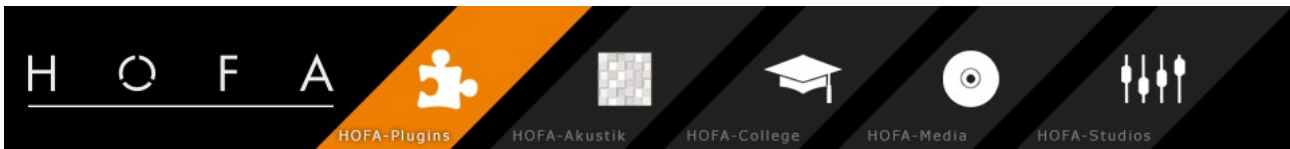
Besides de-essing on a bus this also helps to intelligently tame harsh sounds in groups, the master channel or a solo instrument.

## Solo

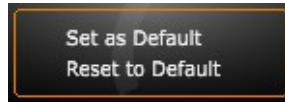
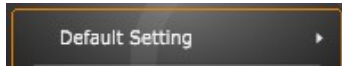
In contrast to other De-Essers it is not necessary to set a detection filter. It can still be useful to listen to the processing done by IQ-DeEsser. The Solo mode allows to monitor the difference between input and output.

In Bus mode, instead of the difference signal the band-limited signal set by the frequency handles is monitored.

It is also possible to add an attenuated input signal to get a clue at which points IQ-DeEsser applies its processing. This can be done in Settings.



## Settings Menu



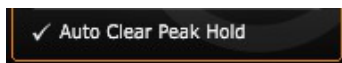
Saves and restores the default settings. This includes the parameters but also the plugin size. New plugins instances are initialized with these settings.



Sets the level at which the input signal is mixed to the solo signal.

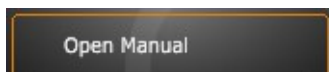


Sets the maximum gain reduction that is applied by IQ-DeEsser

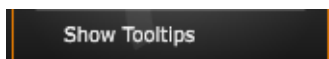


Reset the gain reduction and input peak hold when a parameter is changed.

## Help Menu



Reset the gain reduction and input peak hold when a parameter is changed.



Show tooltips when hovering above a plugin element.



Check online whether updates are available.

## Presets Menu



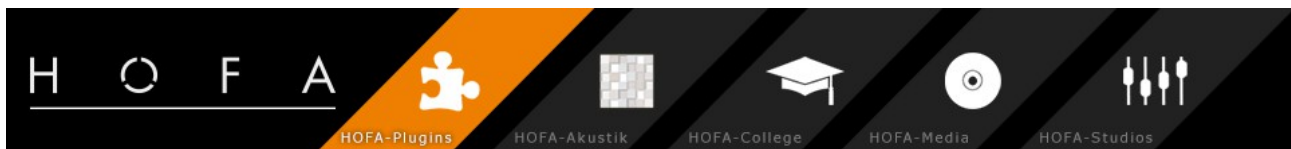
HOFA presets with exemplary applications for IQ-DeEsser.



Presets created by the user. It is also possible to rename and remove presets in the sub menu. This entry is only available if user presets exist.



Saves the current settings as preset.



## Contact

### HOFA GmbH

Lusshardtstraße 1-3

D-76689 Karlsdorf

E-Mail: [plugins@hofa.de](mailto:plugins@hofa.de)

Phone : 0049 7251 3472 444

[www.hofa-plugins.de](http://www.hofa-plugins.de)



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