

ERA · *72*

# User Manual

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# Introduction

## Welcome

Thank you for choosing accusonus ERA-N. In order to better understand the main concepts and operation of ERA-N, please take the time to read this user manual.

You can also check out the [support](#) section of our site for educational content and follow us on [Facebook](#) and [YouTube](#) for tips & tutorials.

## Overview

ERA-N is an one-knob plugin that offers precision-grade denoising and automatic audio repair functionality without compromising audio quality. Based on the multi-patented accusonus noise suppression algorithms, ERA-N simply works and allows for efficient removal of the most common noise sources.

ERA-N is designed to be used as an audio effect plug-in inside Digital Audio Workstations or Non-Linear Editing systems that support external audio effects in plug-in format.

## Features

- Single knob operation
- Simple and streamlined user interface
- Automatic noise suppression
- Precision-grade audio repair functionality
- Uncompromised sound quality
- Minimal CPU usage
- Low latency

## Installation & activation

You can find the latest Regroover installer in your accusonus "My Account" page, in the Downloads section (<http://accusonus.com/dashboard>). For more information about installation and activation see the Activation Manual, which you can find along with the installer.

## Requirements

Your computer must have:

- an Intel (or Intel compatible) CPU.
- a minimum of 2GB RAM memory.
- at least 250MB free space on your hard disk.
- a minimum screen resolution of 1280x800 pixels.

## Supported formats

ERA-N is available as a mono or stereo audio effect plug-in in the following formats:

### Mac

- AU (32/64-bit), VST (32/64-bit) for macOS 10.8 or later
- AAX Native (64-bit) for macOS 10.9 or later

### Windows

- VST (32/64-bit) and AAX Native (64-bit) for Windows 7 (with SP1) or later

## Supported sample rates

ERA-N supports the following sample rates: **44.1 kHz**, **48 kHz**, **88.2 kHz**, **96 kHz**.

## Supported plug-in hosts

We have tested ERA-N in the following DAWs:

- Ableton Live 9.7
- Apple Logic Pro X 10.2
- Steinberg Cubase 7.5 (64-bit only)
- Avid Pro Tools 11.3 and 12.5
- Cockos Reaper 5.32
- Presonus Studio One 3.0
- ImageLine FL Studio 12.0
- Audacity 2.1.2

There are just too many combinations of DAWs and plug-in formats out there, so there's always something we might have not tested. If you don't see your DAW above, you can always download the free, fully-functional 14-day trial and see if ERA-N is supported for yourself. If you encounter any problems, let us know at [support@accusonus.com](mailto:support@accusonus.com)

# ERA-N Operation






## Processing



This is the main control of ERA-N. Most of the time you don't have to do anything else. Just dial in the amount of processing you want and you're done! The knob values range from 0% to 100% and control the amount of processing applied to the audio signal.

## Processing focus

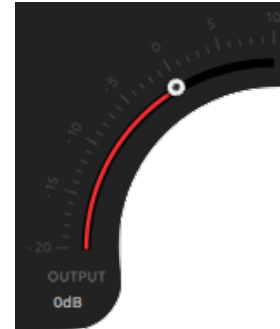
Each of the Processing focus buttons focuses the noise suppression process on specific parts of the signal's frequency spectrum. There are five buttons:

-  All-freq. focus: This option applies the same processing to the full frequency spectrum of the signal
-  Hi-freq. focus: This option focuses processing on the high-end range of the frequency spectrum of the signal
-  Low-freq. focus: This option focuses processing on the low-end range of the frequency spectrum of the signal
-  Hi/low-freq. focus: This option focuses processing more on the high and low-end range of the frequency spectrum of the signal and less to the mid range
-  Mid-freq. focus: This option focuses processing more on the mid-range of the frequency spectrum of the signal and less to the high and low-end range


These buttons are helpful when your audio is corrupted by noise sources that take up a specific part of the frequency spectrum. For example, hiss, a common noise problem encountered in recordings with bad gain structure or low quality preamps, is usually concentrated in the higher frequencies. You can use the appropriate setting (in this case the "Hi-freq. focus") to tell ERA-N to apply most of the processing on those frequencies. This will reduce processing on other frequencies and leave your main signal as natural as possible.

## Output gain


Due to the nature of noise suppression, the level of the output signal can be lower than the level of original, noisy one. The output gain works as a make-up gain and allows you to adjust the level of the output signal. Note that this gain is also **bypassed** when the Bypass button is active. This is very helpful when comparing the original and the processed signals.



## A/B switch

 This standard A/B switch allows you to quickly compare two different states of the plug-in (i.e. different values of Processing, Make-up gain and Processing focus) so you can easily choose the appropriate values for your application.

## Bypass

 When the "Bypass" button is active, all processing is bypassed and the original signal comes through ERA-N untouched.

It is usually better to use and automate this button to bypass processing, since this will keep the audio in sync with the rest of the DAW tracks.



# Support

## Get in touch

Use this [form](#) to contact our technical support team, if you haven't found an answer to your question in our [FAQ](#) section.