

# Nuendo 3.2 Update

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## Update Information

With Nuendo 3.2 Steinberg migrates into their software everything that had been missing so far to completely replace hardware mixers in a recording workflow: Nuendo 3.2 offers a dedicated **Studio Bus** system allowing to setup and utilize up to four separate studio mixes. To complete the studio concept a full blown **Talkback** functionality is provided as well as separate **Mix-**, **Headphone-** and **Control Room** busses. Four switchable monitor configurations with extended fold-down options on the output side and predefined external returns on the input side deliver everything producers and engineers in a recording environment require in their daily workflow.

## Top-10 New Features

- Completely separate output busses for **Control Room-** and **Headphone Monitoring** are available leaving the additional Mix output untouched by Control Room specific settings.
- Up to four user specific **Monitor Setups** allow quick switching between monitoring systems including "Foldback" and easy solo functionality.
- Up to six **External Inputs** like DAT, Tape, CD or any other can quickly be selected for immediate playback to any Studio, Track, Headphone- or Control Room Bus.
- Up to four separate **Studios** Mixes can be setup each getting their signal feeds from the new **Studio Sends** in the mixer.
- **Talkback** functionality allowing engineers and producers to speak directly to musicians, narrators or other artists in any of the Studios.
- A separate "**Click Bus**" allows individual distribution of the metronome signal to Studios, Headphone and Control Room bus.
- **Automatic** and **manual Dim** is available to avoid feedback or quickly reduce control room level.
- An update to the EuCon adapter adds support for the optional **dual automated joysticks** on the Euphonix MC and System 5-MC.
- Physically controlling the new Control Room features can be achieved with help of the **WK Audio ID Controller** (now also available under **OSX** with Nuendo 3.2) which from the beginning had all needed hardware elements built in.
- The **Metering Fallback Time** calculation been changed to a dB relative mode preventing the meters from falling too quickly especially in the lower part of the meter scale.

## Unique Selling Points for Nuendo 3.2

- **CONTROL ROOM FUNCTIONALITY**

This feature replacing traditionally needed hardware for recording and mixing can currently not be found on any other native DAW system.

- **EUPHONIX EUCON OPTION**

No other DAW offers such a tight integration with Euphonix MC and System 5-MC. Not just a basic HUI emulation but years of joint development with Euphonix.

- **AAF, OMF, AES31 AND OPEN TL INCLUDED**

While other DAW manufacturer charge extra for these essential exchange formats Nuendo has it all built in ready to integrate into any workflow.

- **FULL PLUG-IN DELAY COMPENSATION**

Latency delays induced by plug-ins are automatically compensated – not only across the entire signal path inside the VST world, but also for external instruments and effects. PDC is the key to achieve perfect timing.

- **STUDIO CONNECTION AUDIO**

Nuendo now offers the best hardware integration available – including Total Recall and seamless audio integration.

## Pricing and Availability

Nuendo 3.2 is a **free update** for all registered Nuendo 3 users.  
**Available November 2005**

## System Requirements Nuendo 3.2

### Macintosh

**Required\*:**

Power Mac G5  
512 MB RAM  
OS X Version 10.4  
CoreAudio compatible audio hardware  
DVD-ROM drive  
USB port for copy protection key  
Internet connection needed for updates.

### Windows

**Required\*:**

Intel / AMD 2.0 GHz  
512 MB RAM  
Windows XP Home or XP Professional  
Windows MME compatible audio hardware (\* ASIO compatible audio hardware strongly recommended)  
DVD-ROM drive  
USB port for copy protection key  
Internet connection needed for updates.

\* Nuendo is proven to run on less powerful computers with less RAM and slower CPUs. These system requirements are meant to provide system specifications which allow for working in a reasonably professional matter. The actual performance of your system depends on the computer you use. More RAM and faster processors will provide better performance. Nuendo supports multiple processors and multi-core processor technologies resulting in maximum efficiency and performance. In order to achieve viable low latency results for life signals used for example in the studio mixes the computer and audio hardware used must be built according to these needs.

As explained in the Nuendo 3.2 Product Guide (page 13/14), the computer requirements for using the new Nuendo 3.2 Studio Mix feature set differs from the general requirements in order to guarantee satisfactory latency for monitoring live signals.