

MR816 CSX / MR816 X

Advanced Integration DSP Studio

Next-generation integrated FireWire Interface for Cubase

New Product Guide



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Product Name**MR816 CSX/ MR816 X****Tagline**Advanced Integration DSP Studio
Next-generation integrated FireWire Interface for Cubase**Product summary short**

"The MR816 CSX and the MR816 X are a new generation of truly integrated systems and solutions for musicians and producers. Together with the CC121 Advanced Integration Controller, MR 816 CSX and MR 816 X are the first products of a new generation of products that are so much more than just "new hardware". Melding with Cubase to form a new level of integrative all-round solution not achievable with any other FireWire I/O product with any other DAW application, MR 816 CSX and MR 816 X are the latest generation of integrative I/O devices."

Product Summary

Functioning far beyond the envelope of traditional audio devices, MR 816 CSX fuses a fully-featured FireWire interface and inbuilt DSP FX power with next-generation integrative technologies into one breathtakingly powerful production environment.

This Advanced Integration DSP Studio is the hardware centerpiece a latency-free recording and monitoring environment that fully exploits the flexibility and power of Steinberg's renowned Cubase Music Production System.

The system utilizes True Integrated Monitoring™ to offer fully professional monitoring with VST3 DSP effects of exceptional quality. The MR 816 CSX's formidable DSP power can also be harnessed during the mixing stage, with the onboard Sweet Spot Morphing Channel Strip and REV-X plug-ins adding first-class tools to the sonic armory of any musician and producer.

The unique level of integration also allows effortless control over the hardware, including full access to all functions from within Cubase. Dynamic mirroring of hardware and software functionality allows an exceptionally fluid workflow supporting features such as instant, on-the-fly rerouting of audio inputs to Cubase channels. The unprecedented depth of integration goes right to the core of Cubase functionality: When connected to the MR 816 CSX, Cubase generates additional panels for control of functionality from within the Cubase mixer as well as additional customized editor windows. Easy setup and true plug and play guarantee a lightning-fast setup experience, with automatic I/O setup creating all necessary routing automatically within Cubase, with no need for laborious manual I/O configuration.

Developed by Steinberg and Yamaha and precision-manufactured by Yamaha to the most exacting standards, MR 816 CSX features new technology that melds an outstanding DSP-powered FireWire interface with 16 channels of analog and digital I/O directly into Cubase. MR 816 CSX offers advanced production technology and audio quality far beyond its price class, only previously available in proprietary hardware recording systems costing several times more.

Unique Selling Points

- 1) One seamless system with Cubase (and Nuendo) – no tighter integration anywhere
- 2) World's first FireWire I/O completely controllable by major native DAW application!
- 3) Complete control of DSP power from within the Cubase mixer.
- 4) No additional mixing application required.
- 5) Quick Connect: On the fly I/O rerouting and creation of input busses on Cubase
- 6) True Integrated Monitoring™: monitor your signals with no latency and DSP-powered FX directly from Cubase.
- 7) Sweet Spot Morphing Channel Strip with Compressor and EQ blends your signals to fit right into the mix*
* only on the MR816CSX
- 8) A FireWire I/O interface running high-quality DSP plug-ins directly accessible from Cubase as a VSTi plug-in

MR816 CSX/X – Top 10 Features

1. True Integrated Monitoring™ with full faderless mixing: no latency, DSP-powered FX* and dynamic 1:1 hardware/software mirroring with Cubase
2. Complete Cubase user interface integration throughout: direct access from Cubase with no additional software mixing application or external windows required
3. eight discrete Class A analog 'D-Pre' mic preamps with combination XLR and TRS analog inputs with advanced new inverted Darlington circuits, hardware gain knob and phantom power per channel
4. Quick Connect: next-generation of plug and play as well as instant routing of inputs to Cubase channels from the hardware with the push of a button
5. DSP Power for Cubase: VST3 onboard DSP-powered FX with eight Sweet Spot Morphing Channel Strip with compressor*, EQ* and REV-X reverb: also available within Cubase during mixing
* only on the MR816CSX
6. Instant setup: Cubase automatically detects the MR hardware and comes with ready made templates as well as and automatic project I/O configuration
7. Full, flexible connectivity: eight Analog, one ADAT® I/O, one S/PDIF Coaxial I/O and WordClock sync
8. Extendable system with daisy-chaining of up to 3 units providing up to 24 analog inputs and outputs
9. Includes Cubase AI4: hassle-free recording and creating music right out of the box thanks to the fully featured starter version of the world's most popular music production software platform!
10. Supports Apple OS X 10.4 / 10.5 and Windows XP and Vista : includes ASIO and CoreAudio drivers as well as additional external software mixer and plug-in editors for using with 3rd party audio software

Target Customers

Cubase owners

MR816 CSX/MR816 X is, simply put, the ideal hardware for any Cubase owner who needs to record vocals, instruments, keyboards, percussion or any other audio source. The Advanced Integration between MR816 CSX/MR816 X and Cubase offers a unique and powerful production solution that fully mirrors Cubase functionality, adds DSP power for mixing, allows on-the-fly rerouting of input signals via Quick Connect, full integration into the Cubase user interface and much more. Because MR is by the same manufacturer as their software of choice, Cubase customers have an additional motivation to buy hardware from the same trusted brand the customer has already bought his software from. And the price value of MR816 CSX/MR816 X for the Cubase customer is far higher in relation to competing hardware units because of all the additional functionality available exclusively to this customer!

Musicians/producers

Any musician or producer already using Cubase and looking to add a recording interface need look no further. MR816 CSX/MR816 X is ideal for recording bands in rehearsal rooms or live gigs with a laptop, or building up a dedicated project studio or recording space. Full integration into the Cubase user interface means that operating the MR816 CSX/MR816 X requires very little of no learning – all functions and features are right there in the places any Cubase owner expects to find them. The intelligent plug and play handling means that Cubase automatically detects any attached MR816 CSX/MR816 X hardware, while the included templates will have any Cubase owner up and running on new projects with pre-assigned I/O in next to no time. The unique Quick Connect features also allow rerouting inputs on-the-fly and even automatic creation of input busses should none exist in the project for the selected audio track. And because the DSP FX run as VST3 plug-ins, these excellent plug-ins are available during mixing in Cubase, often replacing the need to purchase an additional DSP card. Steinberg is pleased to present the ideal hardware for musicians and producers for their recording and mixing tasks: MR816 CSX/MR816 X.

Studios

Excellent sound, great stacking options and a smooth, fast workflow are among the top priorities for studios using MR and Cubase as recording and production solution for their business. Connections required for studios like WordClock, S/PDIF and ADAT are onboard, with the hardware inserts offering an ideal way of integrating boutique hardware units in the software realm. Features like Quick Connect allow on-the-fly rerouting even in complex projects by simply pushing a button on the MR front panel, a boon when recording sessions have to be reorganized quickly. MR816 CSX also adds EQ and Compression tools in the form of the Sweet Spot Morphing Channel Strips to any sonic armoury, while REV-X adds an additional reverb FX plug-in to Cubase. Eight channel outputs offer full support for surround productions up to 7.1, ideally complemented by Steinberg's fully multi-channel architecture and the Control Room features in both Cubase and Nuendo.

Post production

Many post production facilities require an audio interface for recording tasks like Foley or ADR, as well as in edit, premix or sound design suites as a high-quality, reliable playback device that integrates fully with the production software. MR is an ideal extension for Nuendo in these environments, offering the same Advanced Integration features, DSP FX as VST3 plug-ins when mixing, Quick Connect, no-latency recording as when used with Cubase.

Non-Cubase owners

Own a DAW apart from Cubase?

Excellent sound characteristics, first-class build quality, no-latency monitoring mixes with DSP: anyone looking to change or upgrade their audio interface has plenty of reasons to take a closer look at MR816 CSX/MR816 X. As well as drivers for ASIO and CoreAudio for full compatibility with any DAW application using either of these driver standards, the installation package includes the MR Editor, a custom application that handles all aspects of DSP, routing, monitor mixing in one easy-to-navigate interface. Additionally, MR816 CSX/MR816 X offers direct access to DSP parameters from the front panel of the hardware. This includes remote control of the DSP functions and level settings of the master output and the two independent headphone outputs with the two multi-functional rotary button-action knobs. This gives very fast access to the most important parameters on the unit itself, without even having to open the MR Editor software.

Musicians currently with no recording software

MR186 CSX/MR816 X includes Cubase A14, a special streamlined version of the Cubase Music Production System for a full recording solution right out of the box for anyone with a PC or MAC. Integrated with MR816 CSX/MR816 X, Cubase A14 offers Advanced Integration, DSP-powered no-latency monitoring and all the advantages of the outstanding audio characteristics and manufacturing quality of MR816 CSX/MR816 X. Because Cubase is the world's most popular production solution, projects begun in Cubase A14 project can be taken to a larger studio and seamlessly imported there for the next production stage. And should requirements for mixing and production change to extend beyond the streamlined feature set of Cubase A14, upgrades to more comprehensive Cubase version are available to expand the functional depth of the entire production solution.