The background features a decorative graphic consisting of several thick, wavy lines. On the left side, there are five red lines that curve downwards and then level out towards the right. Overlaid on these are several grey lines that also curve and level out, creating a layered, wave-like effect. The overall aesthetic is clean and modern, typical of a professional audio equipment company's branding.

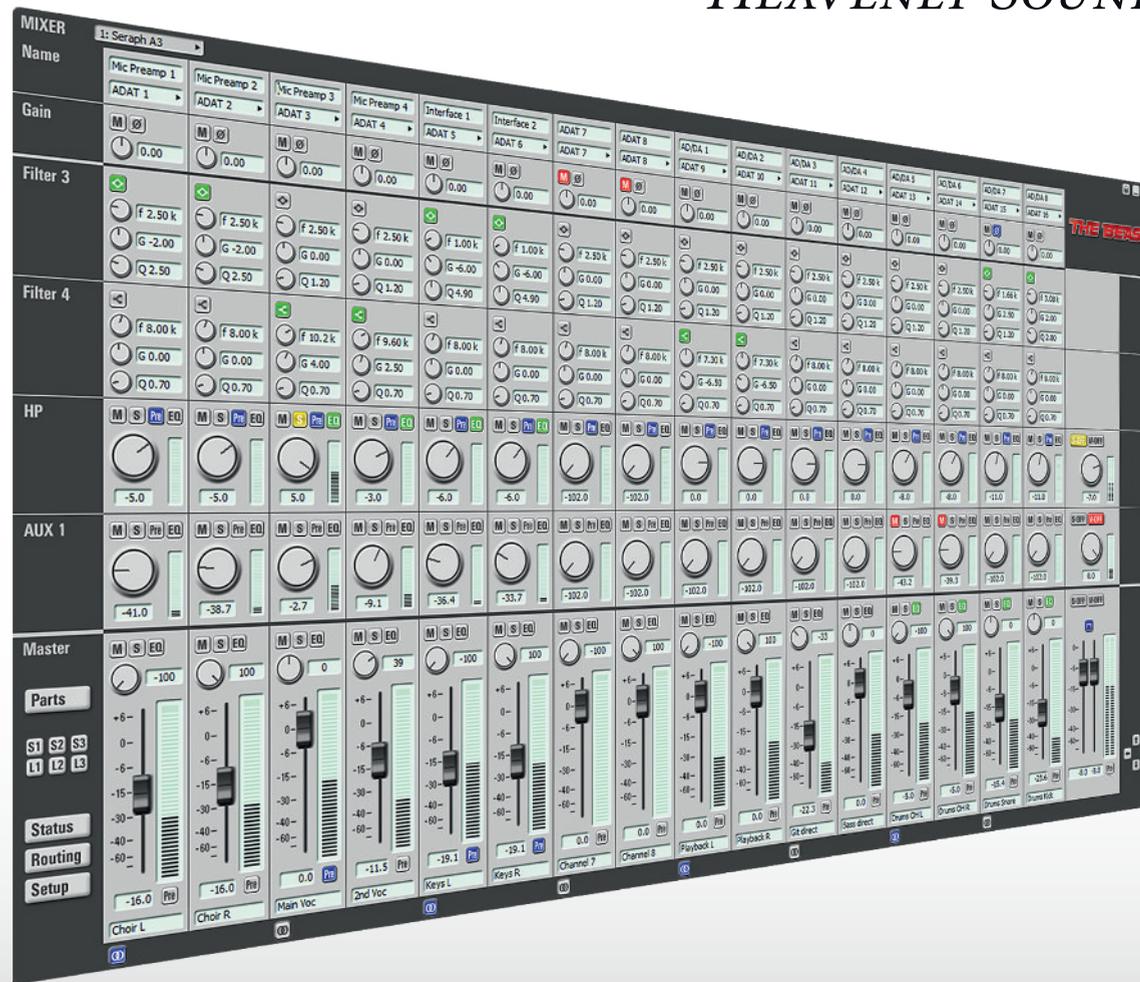
## *WELCOME @ MARIAN*

For almost 20 years, the german company MARIAN stands for professional audio systems, recommended by recording and mastering studios, broadcast- and TV stations worldwide.

This is because MARIAN products offer more than high quality professional in- and outputs. Digital signal processing including mixing, routing and even realtime filter functions are some of these extras. Naturally and implicitly, all MARIAN systems offer highly advanced multichannel drivers and an outstanding sound quality. These sound systems, conceived, engineered and produced in Germany, are renowned for their high performance, durability and incomparable flexibility.



## HEAVENLY SOUND – BEASTLY POWER

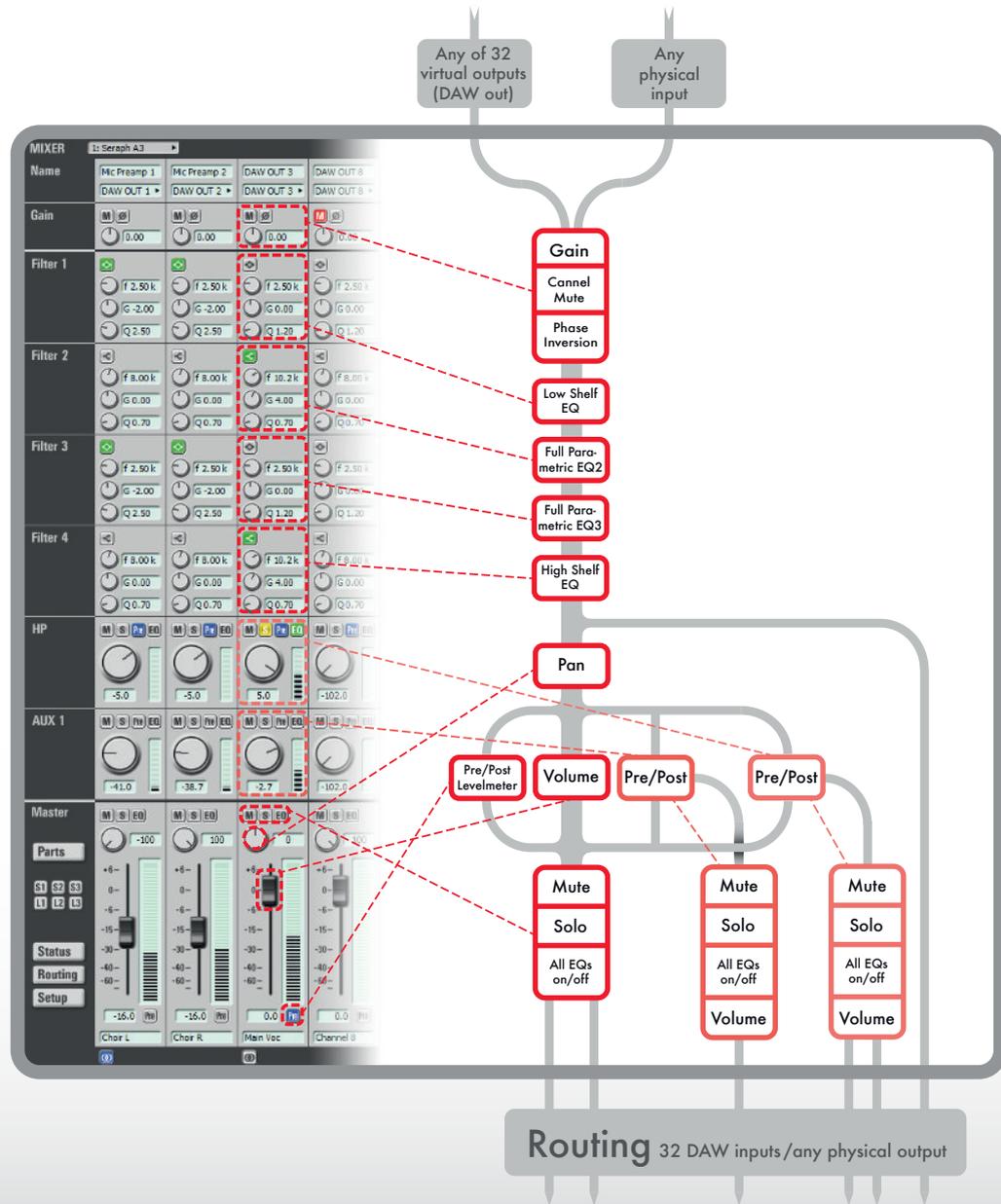


The core of every SERAPH sound-system houses, what we call, The “BEAST”: An insanely powerful DSP that will run and also process legions of audio channels through the computer but without any CPU load. Multi-track recording AND simultaneous latency-free mixing with professional features like Phase, Pre/Post Aux, Mute, Solo, Pre/Post Level have finally found the perfect ergonomic harmony – inside the “BEAST” DSP Mixer. Its 32 bit channel resolution and a high-precision 52 bit mixing engine with up to 24 dB headroom retain even the most detailed aspects of every precious audio signal.

But in case any of the 64 channels should require a little amelioration or correction, we have included up to 256 analog-feel

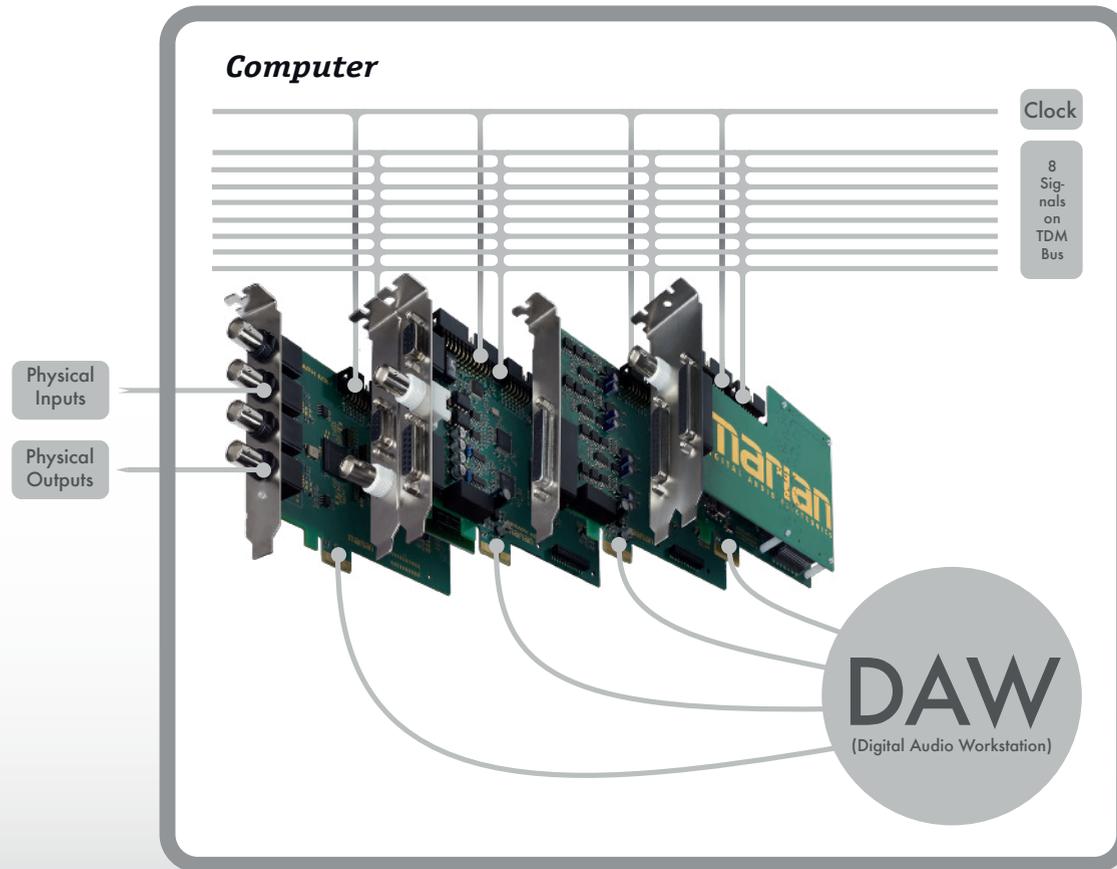
full-parametric EQs inside a highly sophisticated signal routing. This routing, besides distributing audio signals to different physical and virtual ports, allows independent activation of a channel's EQ for each mixing sum separately. As an example: it is possible to activate the EQ of a channel only on the main mix, but leave it unheard on an aux sum for a truly independent musician's headphone mix. Finally, it supports also the so called rerecording by leading back playback and mix signals to an audio application.

Any MARIAN Sound system equipped with the "BEAST" mixer will turn your computer into a multi-channel mixing desk and high-end tape machine – rock-solid and latency-free for professional recording and real-life monitoring.





## *TDM SYNCBUS – AN ADAPTABLE SYSTEM*



After successfully introducing the revolutionary “TDM SyncBus” for the first time in the TRACE sound card series, we have quickly decided to endow also the SERAPH sound systems with this unique and powerful tool. The TDM SyncBus combines up to 4 SERAPH or TRACE cards in one computer, allowing to share in- and outputs and audio streams and ensuring perfect clock- and start/stop synchronization. Since it is available for all MARIAN sound systems, the TDM SyncBus is one of the keys to make a MARIAN sound card a long time investment: In case the studio setup requires an upgrade, new sound cards can easily be added without making the old ones obsolete.



## CLOCK MANAGEMENT – A FLEXIBLE SYSTEM

All of the amazing functions of the “BEAST” DSP as well as all the digital connections and AD/DA converters a MARIAN sound card may have, are governed by a precise ultra low jitter clock. Even when clocked externally, the entire system will retain its internal precision since the clock is always recovered and re-freshed. For external sync besides the digital inputs, each SERAPH sound system is available as MWX version, offering MIDI connections as well as word clock and super clock inputs and outputs for absolute clock-flexibility inside a modern digital audio studio.



ADVANCED  
DRIVER  
SUPPORT



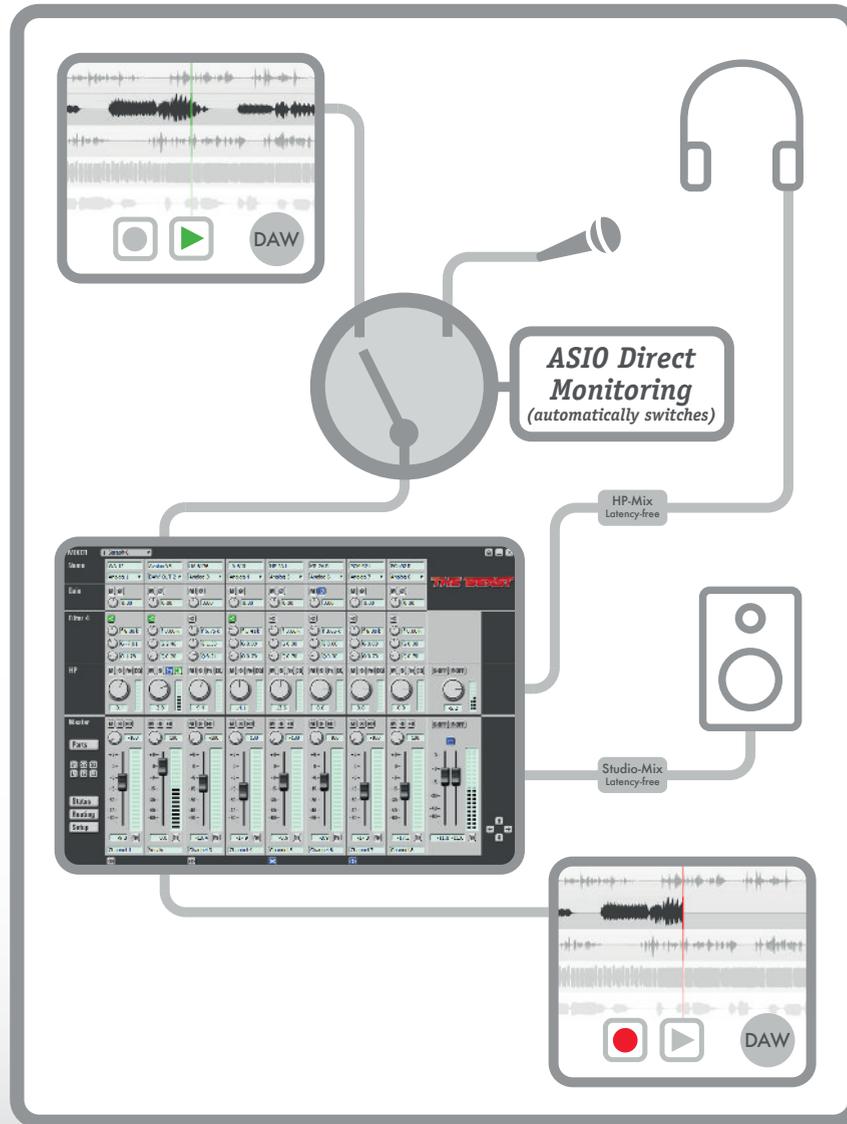
## *ADVANCED SOFTWARE TECHNOLOGIES – THE DOOR TO PERFORMANCE*

Refined over years, the driver of all of our sound systems profits from an optimizing process that has started as early as with Windows 3.1 and reaches up to the most modern 64 bit operating systems on various platforms. This consequently highly advanced software does not only offer various audio interfaces such as ASIO, MME, WDM with rock-solid transfer and the lowest possible latencies but also a versatile manager application. It allows simple access, configuration and optimization of all the parameters of the specific sound system as well as control over the integrated mixing, routing and sound manipulation features.

All of these features are being explained one-by-one in a documentation available in german, english and french language. Using everyday examples the manual furthermore explains how to successfully manage common sound engineering tasks in the studio.

## *PERSONALIZED SUPPORT – FAST, FREE, PROFESSIONAL*

Thanks to our premium free-of-charge life-time support, we are always in personal contact with our customers that require help or in-depth information. Thereby, we also know of customers still working with soundcards bought many years ago and that our extended 5 year product warranty rarely has to be applied. The highly valued feedback given by our customers is a constant motivation for perfecting our products and also an inspiring source for including new features that will meet the ever-changing requirements of the audio industry.



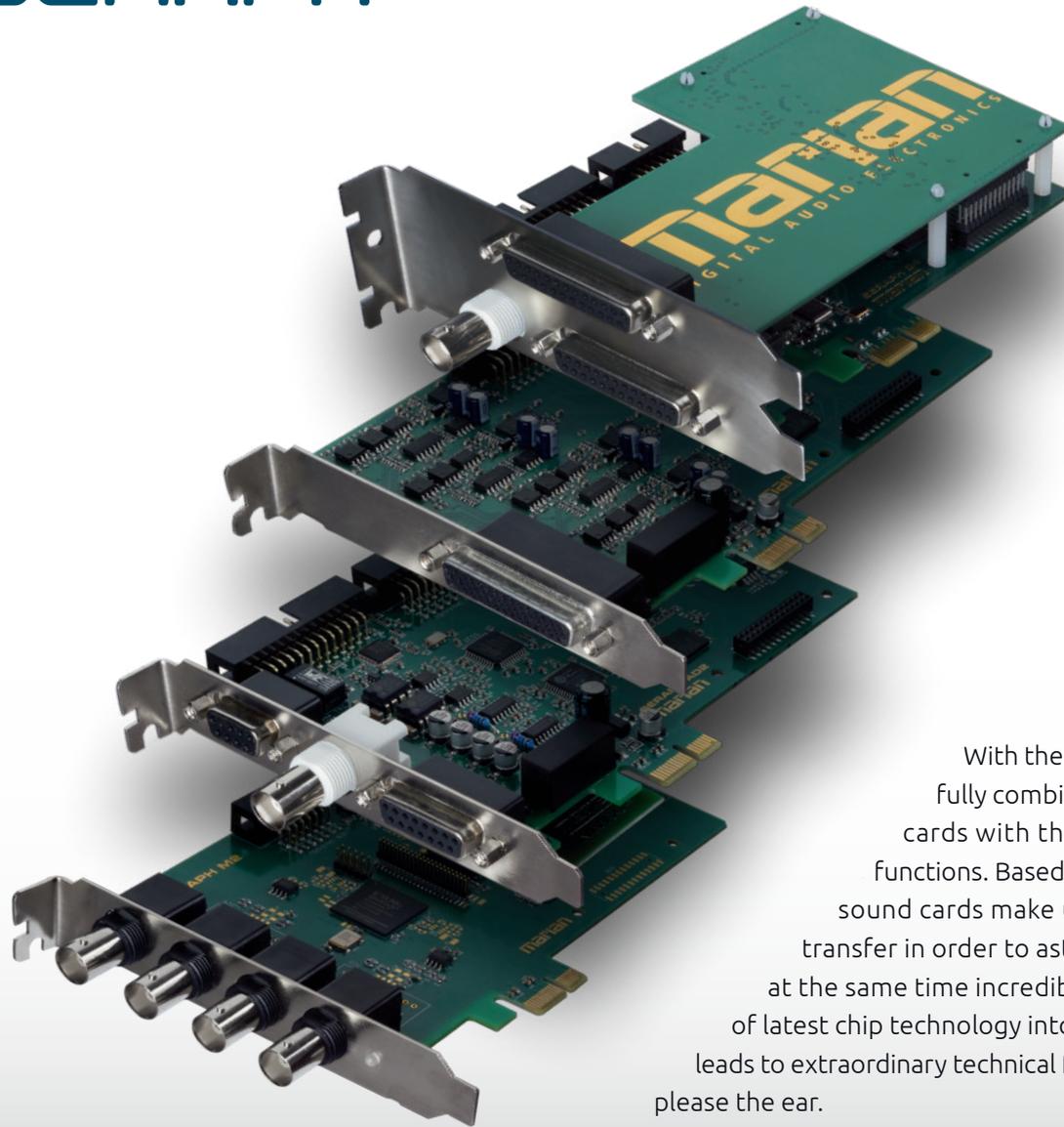
## ASIO DIRECT MONITORING

ASIO Direct Monitoring (ADM) allows the SERAPH “BEAST” Mixer to work just like an analog inline mixing console. The channel of an inline mixer carries both: the live input signal, as well as the playback signal from the recording application (previously the tape machine). Using ADM with any compatible recording software (DAW) will make the “BEAST” Mixer automatically switch between these two signals. Thus, if the DAW is recording, you will hear the latency-free live input signal. If the DAW is playing back, you will hear the recorded audio of that track.

Now you can:

- use only ONE mixer (The “BEAST”!)
- set up ONE monitoring mix for the studio and the musicians
- achieve easy drop-in and overdub recordings
- provide latency-free monitoring without compromise

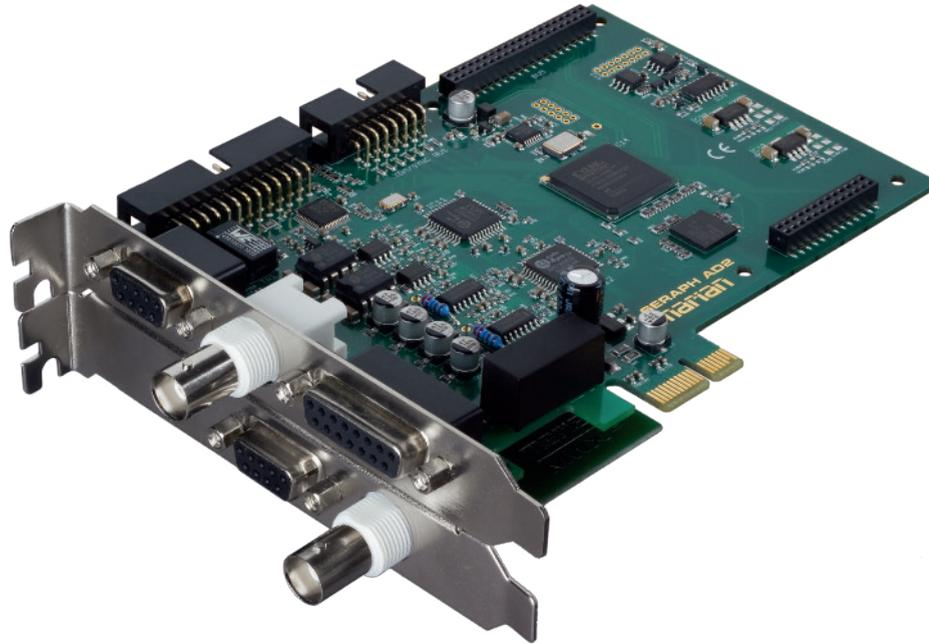
# SERAPH



## *SERAPH SERIES*

With the "SERAPH" product line, MARIAN has successfully combined years of experience in developing sound cards with the profound knowledge for innovative DSP functions. Based on the super fast PCIe interface, the SERAPH sound cards make use of all our expertise in high speed audio transfer in order to astonish with a new level of stability, ensuring at the same time incredible low latencies. The intelligent integration of latest chip technology into custom designed analog and digital circuits leads to extraordinary technical facts that convince not only on paper but also please the ear.

# SERAPH AD2



- 24 bit/192 kHz PCIe 1x Audiointerface
- 2 Analog I/O, balanced
- 1 AES/EBU I/O
- Switchable Input SRC with 140 dB dynamic range
- TDM SyncBus
- 24 bit AD, 32 bit DA converter
- Customized I/O Level up to +24 dBu
- 44 channel "BEAST" DSP Mixer with 176 EQs
- Realtime level metering & status control
- Wordclock/Superlock Input
- Wordclock/Superlock Output \*
- 2 MIDI I/O \*

\*Only available on the MWX version of this product

## AMBASSADOR FOR PURE AUDIO

The ultimate meeting point for analog and digital audio signals has been created. Powered by the "BEAST", the SERAPH AD2 offers 1 AES/EBU I/Os and 2 balanced analog I/Os, making it everything, but one-sided... The ingenious circuit design with customizable input and output levels and only the best components available, will give you an extraordinary sonic quality at any samplerate up to 192 kHz. As one of the first interfaces ever, the SERAPH AD2 features 32 bit D/A converters, resulting in an unsurpassed quality, that finally reconciles the analog and digital domain. Using the modern PCIe interface along with customized transfer functions, specifically designed and optimized for 32 bit high quality and high speed audio transfer, the SERAPH AD2 will be a reliable partner in any professional studio, that deals with highly sensitive analog and digital signals.



1x AES I/O (XLR)



2x Analog I/O (XLR)



1x Wordclock I/O (BNC)



2x MIDI I/O (DIN)



# SERAPH A3

- 24 bit/96 kHz PCIe 1x Audiointerface
- 3 ADAT I/O
- S/MUX compatible
- TDM SyncBus
- 64 channel "BEAST" DSP Mixer with 256 EQs
- Realtime level metering & status control
- Wordclock/Superclock Output and Input \*
- 2 MIDI I/O \*

\*Only available on the MWX version of this product



3x ADAT I/O (Toslink)



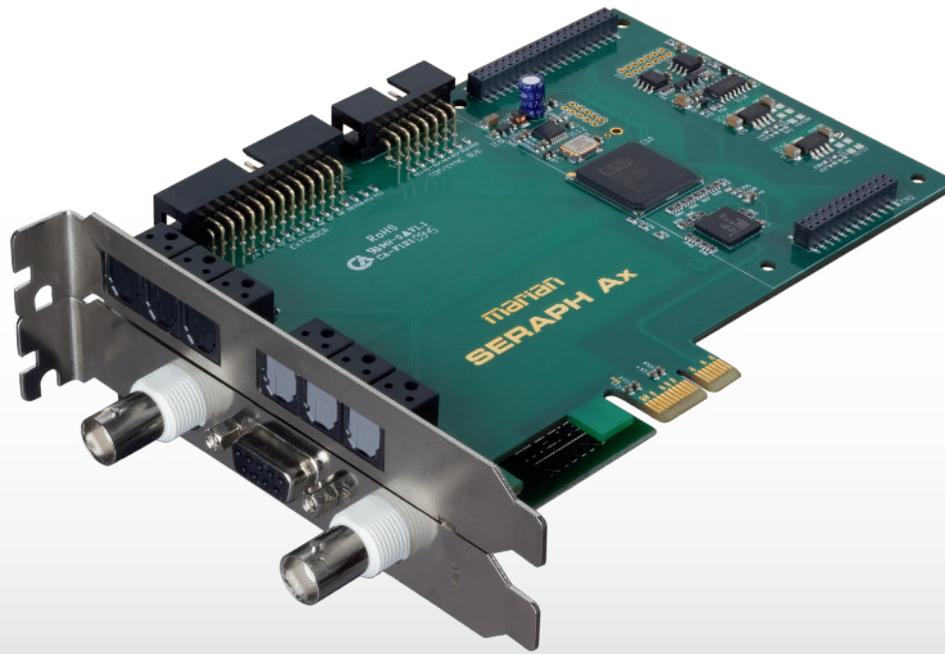
1x Wordclock I/O (BNC)



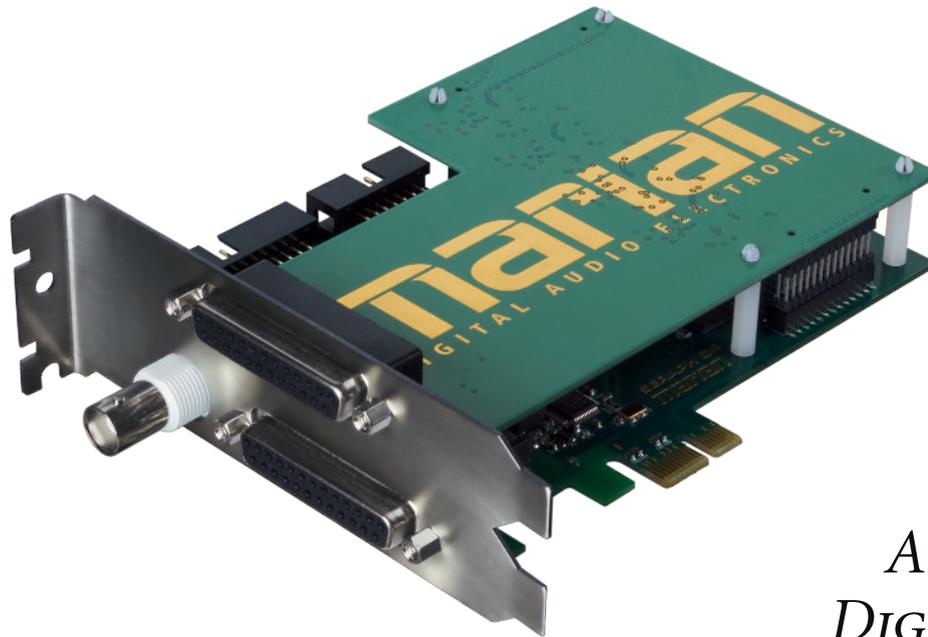
2x MIDI I/O (DIN)

## A NEW LEVEL OF RECORDING PERFORMANCE

The central of a modern professional recording studio has been created. With 3 ADAT I/O and the TDM SyncBus used simultaneously to record AND playback all in all 64 channels, this sound system has clearly been designed for people confronted with big tasks. Even in S/MUX mode, allowing to record and playback 24 signals each at 96kHz, it still offers the same amazing amount of EQ and processing power provided by the "BEAST"! Using the modern and super fast PCIe interface along with customized transfer functions, specifically designed and optimized for high channel count and high speed audio transfer, the SERAPH A3 will turn any computer into a truly professional and versatile multi-channel recording system.



# SERAPH D



- 24 bit/192 kHz PCIe 1x Audiointerface
- 4 or 8 AES/EBU I/O
- Switchable Input SRC with 140 dB dynamic range
- TDM SyncBus
- 48/56 channel "BEAST" DSP Mixer with 192/224 EQs
- Realtime level metering & status control
- Wordclock/Superlock Input
- Wordclock/Superlock Output \*
- 2 MIDI I/O \*

\*Only available on the MWX version of this product

## AN UNCOMPROMISED DIGITAL AUDIO WORLD

The central of a professional all-digital audio studio has been created. With the best components available and only the purest sample rate converters in the circuit, the SERAPH D provides an incredible 140dB dynamic range at any point of the signal flow, all the way up to a samplerate of 192 kHz. Using the modern PCIe interface along with customized transfer functions, specifically designed and optimized for 32 bit high quality and high speed audio transfer, this sound system can turn a computer into a super-solid digital recorder – but also into a unique signal converter or digital mixer. That is because the 16/32 (D4 or D8) channel AES/EBU system offers a full-range DSP mixing desk with up to 56 virtual channels, 6 pre/post Aux-sums, 4 EQs in every channel and a super-flexible routing – ideal for retaining an all-the-way digital and latency-free signal flow. Thanks to its 4/8 AES/EBU in- and outputs (SERAPH D4 or D8) and additional 8 signals via the TDM SyncBus, the SERAPH D will be a reliable partner and the right choice for any all-digital studio dealing with multiple digital signals.



8x AES I/O (XLR)



1x Wordclock I/O (BNC)



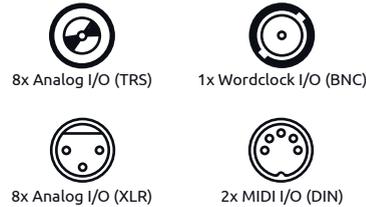
2x MIDI I/O (DIN)



# SERAPH 8

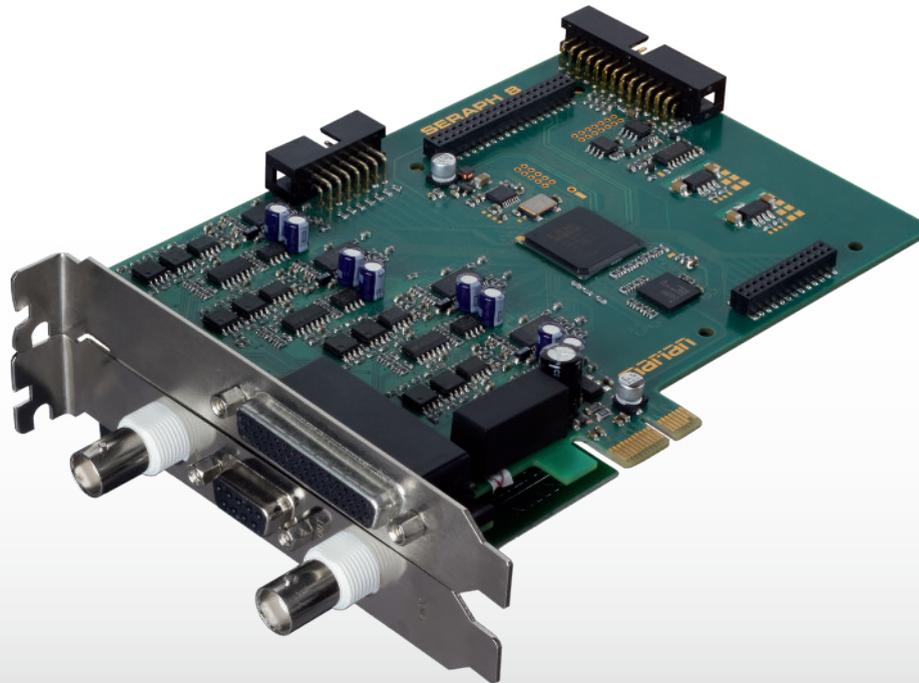
- 24 bit/192 kHz PCIe 1x Audiointerface
- 8 Analog I/O, balanced
- TDM SyncBus
- 48 channel "BEAST" DSP Mixer with 192 EQs
- Realtime level metering & status control
- Wordclock/Super-clock Output and Input \*
- 2 MIDI I/O \*

\*Only available on the MWX version of this product

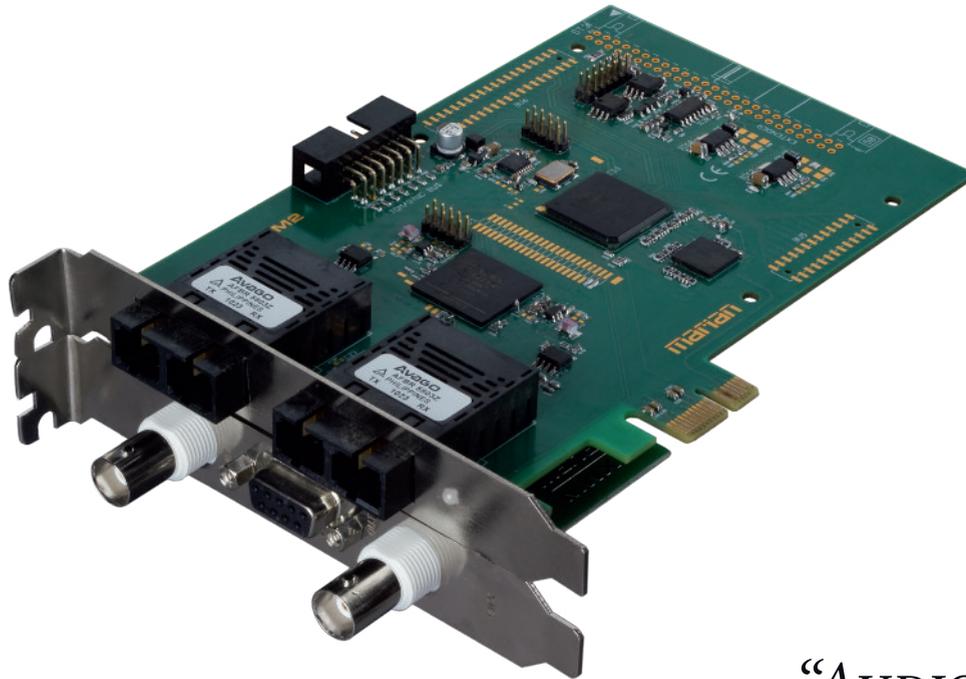


## A STUDIOS' MISSING LINK FOR ANALOG EXCELLENCE

With a pristine analog audio circuit built around 8 excellent AD/DA converters, the SERAPH 8 reveals, what was so long missing: Those fine details of analog signals after their conversion to the digital domain; that little extra of sonic quality and openness in sound the DAW didn't seem to provide when playing back with other sound-cards... Now, finally, the SERAPH 8 bridges the gap between analog sound expectation and digital reality – and the full 24 bit/192 kHz support is only one of the reasons to ensure this... Powered by the "BEAST" all signals of the 8 analog inputs and outputs can be refined using up to 4 great sounding analog-feel EQs in every channel. Using the modern and super fast PCIe interface along with customized transfer functions, specifically designed and optimized for high quality analog audio transfer, the SERAPH 8 will be the ultimate link between analog equipment and a modern DAW.



# SERAPH M2



- 24 bit/96 kHz PCIe 1x Audiointerface
- up to 256 input/output channels
- 2 SC in/outputs (M2-F Version) or 4 BNC in/outputs (standard version)
- S/MUX compatible
- MIDI I/O via MADI
- ASIO 32 bit Float Hardware Support
- MARIAN SyncBus compatible
- Realtime status control
- Wordclock/Superclock Output and Input \*
- 2 MIDI I/O \*

\*Only available on the MWX version of this product

## MISSION: “AUDIO IN ABUNDANCE”



Everywhere you look in the professional audio industry: if it comes to reliably sending/receiving extremely many signals with just one single cable, MADI is the solution. Up to 64 channels per cable, integrated clock synchronization, long-range electrical or optical transmission – all these advantages and more are now made available for an extremely interesting price with the MARIAN SERAPH M2. Based on super-fast PCIe technology, a single SERAPH M2 sends and receives up to 256 channels either via 2 optical SC or 4 electrical BNC connectors. Thus the card is available in 2 versions depending on the connectors required in the studio installation. And if this is not yet enough: the unique MARIAN SyncBus allows to internally synchronize up to 4 SERPAH M2 in one computer for a true abundance of signals...



	Trace Mixing	Trace Routing	,Beast' Mixing/EQ	,Beast' Routing	balanced analog I/O	unbalanced analog I/O	S/PDIF Coax I/O	AES/EBU I/O	ADAT I/O	MADI I/O (BNC)	MADI I/O (SC)	MIDI I/O	WC/SC	TDM Sync	TDM Routing
SERAPH AD2	-	-	yes	yes	2/2	-	-	1/1	-	-	-	-	in	yes	yes
SERAPH AD2 MWX	-	-	yes	yes	2/2	-	-	1/1	-	-	-	2/2	in/out	yes	yes
SERAPH A3	-	-	yes	yes	-	-	-	-	3/3	-	-	-	-	yes	yes
SERAPH A3 MWX	-	-	yes	yes	-	-	-	-	3/3	-	-	2/2	in/out	yes	yes
SERAPH D4	-	-	yes	yes	-	-	-	4/4	-	-	-	-	in	yes	yes
SERAPH D4 MWX	-	-	yes	yes	-	-	-	4/4	-	-	-	2/2	in/out	yes	yes
SERAPH D8	-	-	yes	yes	-	-	-	8/8	-	-	-	-	in	yes	yes
SERAPH D8 MWX	-	-	yes	yes	-	-	-	8/8	-	-	-	2/2	in/out	yes	yes
SERAPH 8	-	-	yes	yes	8/8	-	-	-	-	-	-	-	-	yes	yes
SERAPH 8 MWX	-	-	yes	yes	8/8	-	-	-	-	-	-	2/2	in/out	yes	yes
SERAPH M2	-	yes	-	-	-	-	-	-	-	2/2	-	-	-	yes	-
SERAPH M2 MWX	-	yes	-	-	-	-	-	-	-	2/2	-	2/2	in/out	yes	-
SERAPH M2-F	-	yes	-	-	-	-	-	-	-	-	2/2	-	-	yes	-
SERAPH M2-F MWX	-	yes	-	-	-	-	-	-	-	-	2/2	2/2	in/out	yes	-
Trace Alpha	yes	yes	-	-	2/2	-	1/1	-	-	-	-	1/3	-	yes	yes
Trace Out A16	yes	yes	-	-	-	0/16	-	-	-	-	-	-	-	yes	yes
Trace Out A16s	yes	yes	-	-	0/16	-	-	-	-	-	-	-	-	yes	yes
Trace Out 8/16	yes	yes	-	-	-	0/16	0/4	-	-	-	-	-	-	yes	yes
Trace Out 8/16s	yes	yes	-	-	0/16	-	-	0/4	-	-	-	-	-	yes	yes
Trace AES42	yes	yes	-	-	-	-	-	4x AES42/0	-	-	-	-	in	yes	yes
C-Box 32					32/0										
C-Box 64					64/0										
								1 S/PDIF connector carries 2 signals	1 AES/EBU connector carries 2 signals	1 ADAT connector carries 8 signals	1 MADI connector carries 64 signals	1 MADI connector carries 64 signals			