



 **YAMAHA** | **NEXO**

IMMERSIVE SOUND SOLUTIONS

AFC
ACTIVE FIELD CONTROL

AFC
ACTIVE FIELD CONTROL

TAKE CONTROL OF
SPACE

AFC ENHANCE **AFC** IMAGE

Imagine being able to turn an acoustically dead environment into a reverberant concert hall, theatre, cavern or cathedral at the touch of a button. Then easily moving and positioning the location of sounds within the space. Imagine AFC Enhance and AFC Image from Yamaha. Digital Audio Processing since 1987.

IMMERSIVE SOUND

MADE SIMPLE

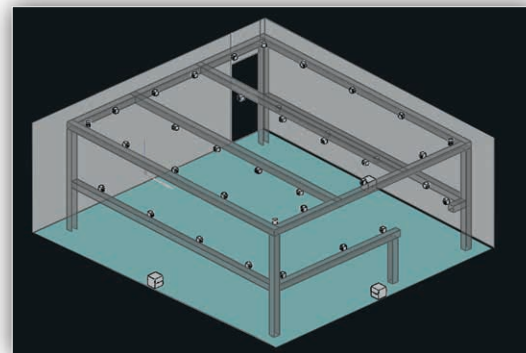
NUENDO



PRE-PRODUCTION Steinberg Nuendo

The industry leading Nuendo DAW is the first choice for many professionals working in immersive sound. Its MultiPanner is a powerful tool for object-based or channel-based 3D sound mixing and Yamaha immersive systems are supported natively so that content previously created using Nuendo can be reproduced with full impact in any environment.

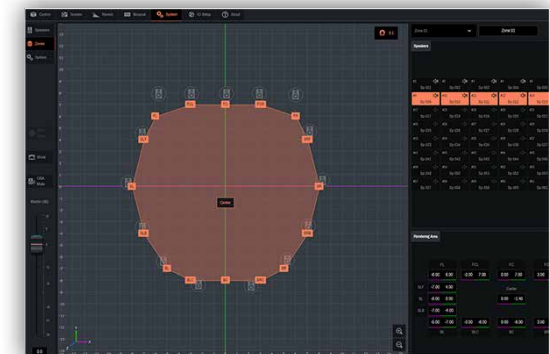
NS-1



SYSTEM DESIGN NEXO NS-1

NS-1 is a powerful, intuitive system design and simulation tool that supports all Yamaha and NEXO speakers and powered processors. Working closely with Yamaha AFC Image, NS-1 includes AFC Design Assistant which provides the necessary guidelines for the required type, number and placement of speakers to provide a full immersive audio experience for an entire audience.

AFC
ACTIVE FIELD CONTROL



PRODUCTION Yamaha AFC software

AFC Image processing incorporates a state-of-the-art Yamaha conversion function that automatically optimises the motion of an object specified in a mixing console or DAW for playback in a specific environment.

One seamless workflow from creation to delivery

The complex process that leads to a truly memorable sonic experience includes off-site content creation, custom sound system design, and system setup and playback at the venue. Each phase of the process is connected with an optimised workflow that makes content delivery smooth and easy.

NOW IMAGINE WHERE
AFC COULD TAKE YOU

AFC ENHANCE

AFC IMAGE

Theme Parks
Museums
Galleries
Visitor Attractions

 YAMAHA | NEXO

WOW YOUR VISITORS

**From a cavern to a cathedral,
create any number of acoustic
environments and move or position
sounds anywhere within that space.**

From immersive art tours and museum events to visitor attractions and rides, the ability to create acoustic environments and localise sounds within them brings the power to deliver visitor experiences and thrills on a whole new level.

AFC IMAGE

Live Concerts
Festivals

YAMAHA | NEXO

BRING LIVE MUSIC TO LIFE

**It's time to free the audience
from the mono mix.**

Where once the front of house sound engineer could pan a source left or right, now 128 objects can connect to mixer sizes of up to 128 channels providing far better localisation. Live music events are transformed for performers and audience alike.

AFC ENHANCE

AFC IMAGE

Concert Halls
Music VenuesYAMAHA | NEXOA close-up, low-angle shot of an orchestra. In the foreground, a violinist's hands are visible, playing a violin. The violin is a rich, warm brown color. The background shows other musicians, including a flutist and another violinist, all focused on their performance. The lighting is dramatic, with strong highlights on the instruments and the musicians' faces, creating a sense of depth and intensity.

CREATE THE PERFECT VIBE

**From intimate to epic, now you can
match the venue acoustics to the
performance.**

Suddenly it's possible to make the acoustics of a concert hall 'programmable' to suit the performance, with a level of control that far surpasses conventional mechanical methods such as stage shells, moving ceilings and banners. All at a lower cost, and with much faster deployment.

AFC IMAGE

Theatres

YAMAHA | NEXO

DROP THE AUDIENCE INTO THE DRAMA

And you can follow the action.

Dramas and musicals often rely on a simple LCR system to localise the sound of the performers. AFC Image with 5 or 7 FOH speakers improves this drastically, so the audience hears better where the action is coming from. A new and much more engaging audience experience is further enhanced by new possibilities in sound design and effects.

AFC ENHANCE

AFC IMAGE

Live Concerts
Festivals

YAMAHA | NEXO

ENVELOPE AIR

Inspiring performers to be their best.

Acoustics cannot exist in open air. AFC Enhance solves this for performers on an open air stage by creating real-life acoustics, putting a smile on their faces and inspiring them to play better.

For the audience, AFC Image turns the mono Front Of House effect into true-life 360 degree acoustics, further enhancing enjoyment of the performance.

AFC IMAGE

Corporate

YAMAHA | NEXO

MAKE PRESENTATION PERSONAL

Localise the sound to the speaker.

Ever attended a large corporate gathering or a forum discussion and found yourself constantly trying to figure out who's talking? AFC Image adds localisation to the sound reinforcement, so each individual voice originates from where the presenter is. No more guessing.

DELIVERING THE EXPERIENCE

Yamaha and NEXO. The perfect partners for AFC projects and events.

Signal Processors

The AFC immersive processing engine and MRX/DME series infrastructure processors take full advantage of Dante networking technology to handle high numbers of audio channels, supporting even very large scale immersive systems.



Loudspeakers for Smaller Installations

Yamaha VXC and VXS speakers deliver quintessential Yamaha sound quality and easy installation. Featuring both ceiling and surface mount options, these speaker series include a comprehensive range of models that are available in either black or white, or can be painted to match the interior of any application.



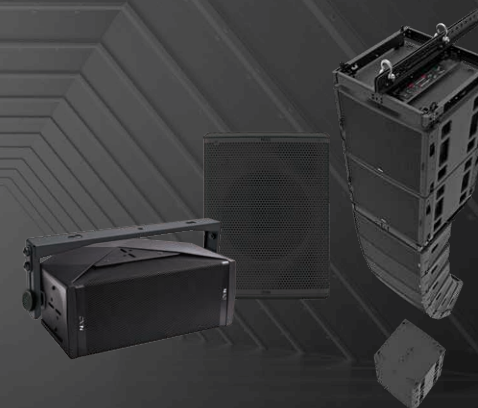
Digital Mixers

From the all-in-one QL series through the compact CL series to the flagship Rivage PM System, Yamaha digital consoles combine pristine sound, easy operability and proven reliability with Dante networking and a full range of features necessary to deliver an immersive sound experience.



Loudspeakers for Larger Installations

Available in mobile and fixed installation versions in any RAL colour, NEXO point source and line array speaker systems are characterised by powerful, high-output sound from a compact cabinet, delivering precision coverage in high-end immersive sound applications.



Network Infrastructure

With the broad range of SWP and SWR Layer 2 and 3 managed Ethernet switches, large networked infrastructures can be supported, including Dante audio as well as control of all Yamaha and NEXO devices in the network through the ProVisionaire software suite.



Networked Power Amplifiers

Yamaha XMV series multichannel power amplifiers and NEXO NXAMPmk2 series networked powered controllers support any type and size of immersive speaker system within the Dante infrastructure.



**TAKE CONTROL
AND INSPIRE
YOUR AUDIENCE**



YAMAHA

NEXO

www.yamahaproaudio.com | www.nexo-sa.com