



INSTALL SOLUTIONS 2024 / 2025

Trusted Brands. Connected Solutions.

AKG

AMX



dbx

FLUX::



lexicon

Martin

Soundcraft



AKG

AMX



dbx

FLUX::



lexicon

Martin

Soundcraft

HARMAN PROFESSIONAL SOLUTIONS BUILD A BRIGHTER FUTURE

Trusted Brands. Connected Solutions.

In the dynamic and hyper-evolving realm of immersive experiences, HARMAN stands as a visionary architect, crafting the future through audio, video, control, and lighting. Our ten iconic brands, each a luminary in its own right, interconnect into an ecosystem of excellence, where every innovation contributes to the whole. By harnessing the power of cutting-edge technologies, we do not simply build solutions; we lay the cornerstones for a brighter future.

From open-architecture platforms and leading-edge control solutions, to legendary audio hardware and world-class lighting, HARMAN relentlessly pursues technological excellence, offering unparalleled solutions across a diverse range of industries. Every install benefits

from specialized engineering innovation, courtesy of our stable of industry-leading brands, each with its own legacy of pioneering spirit. That legacy began in the early days of commercial cinema when JBL was born and continued into the home-grown computing revolution that included BSS Audio and AMX and into the developing world of immersive audio led by FLUX::

Each brand in our portfolio sets the highest industry standard, and in turn, HARMAN shapes the way sound and light are experienced around the world. From live performance audio to critical enterprise infrastructures, HARMAN turns imagination into reality with unparalleled clarity, scale, and impact. We believe in a future redefined by visionaries and creatives, empowered by HARMAN Professional Solutions.

HARMAN has nearly **80 years** of experience and expertise, and **10 trusted brands**, leading the way in cutting-edge technologies that elevate every install.



DID YOU KNOW ▶

Every JBL loudspeaker model is put through an industry-leading 100-hour stress test of all components - that's nearly five days of pushing speakers to their absolute max and beyond! We're committed to ensuring our speakers perform flawlessly in real-world scenarios.

Our world-renowned solutions, trusted by professionals across industries, redefine what's possible in audio, video, lighting, and beyond. With an unwavering commitment to innovation, HARMAN empowers consultants, integrators, and designers to bring their most ambitious visions to life. Experience the clarity, impact, and unparalleled quality that HARMAN delivers.

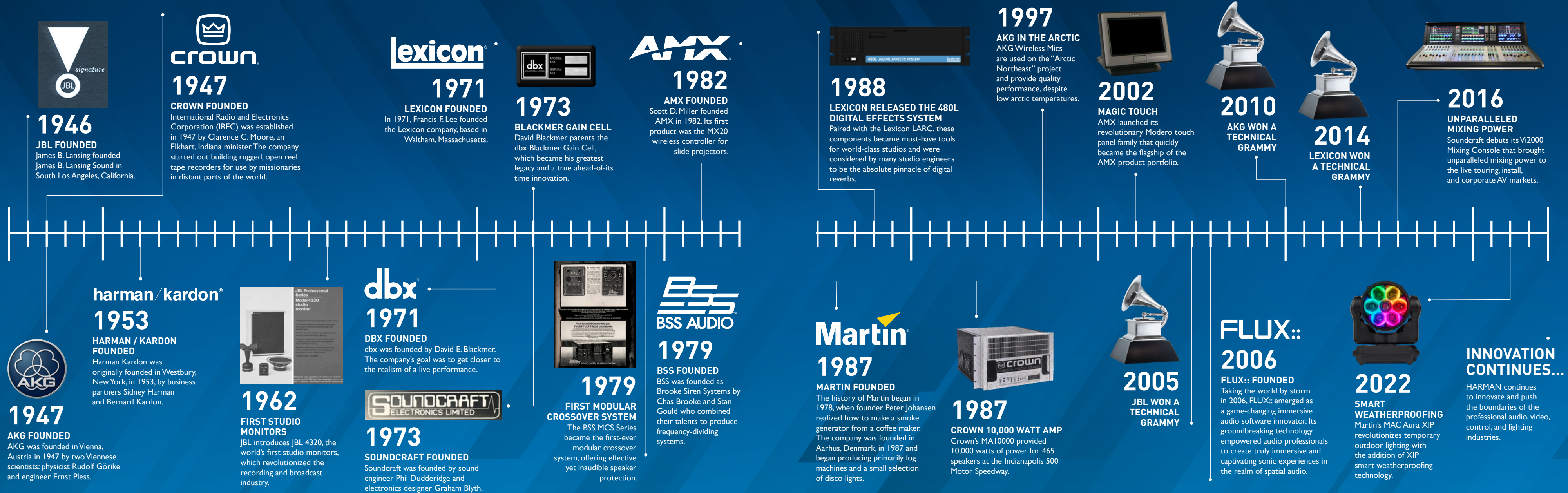
HARMAN FACTS

- 1 Dr. Sidney Harman and Bernard Kardon founded the predecessor to HARMAN International, Harman Kardon, in 1953. Both Harman and Kardon were engineers for the Bogen Company, a manufacturer of public address systems.
- 2 In the 1970s, Dr. Sidney Harman sold his audio conglomerate to become Deputy Secretary of Commerce under U.S. President Jimmy Carter. He later bought back his company and relaunched it as HARMAN International.
- 3 In 1983, George Lucas and Lucasfilm selected JBL to develop the first commercial THX®-licensed cinema speaker system. Nine years later, JBL Synthesis released the first THX home theater system.
- 4 HARMAN is a 3-time GRAMMY Award Winner with Technical GRAMMY Awards for JBL Professional® (2005), AKG Acoustics® (2010) and Lexicon Pro® (2014).
- 5 In 2017, Samsung Electronics Co., Ltd. acquired HARMAN International as a wholly-owned subsidiary.



STEEPED IN HISTORY AND EXPERTISE

A LOOK THROUGH THE YEARS





HARMAN has established itself as a **powerhouse** in the installation market by seamlessly integrating its portfolio of **iconic** brands, **cutting-edge** products, and **innovative** technologies.

ELEVATE YOUR SPACE WITH EFFORTLESS INTEGRATION

Redefining the Installation Landscape

HARMAN offers solutions for diverse verticals, from executive boardrooms to sophisticated stadiums by seamlessly integrating cutting-edge technologies and expertise. Our portfolio of brands, including JBL, AKG, Crown, Martin, AMX, and BSS, empower creators to bring their visions to life with precision and reliability.

Our open-architecture platform ensures compatibility and interoperability with third-party systems, while our expertise in networked solutions, such as Dante, simplifies complex installations. From the clarity of JBL audio to the brilliance of Martin lighting, to the precision of AMX control, HARMAN seamlessly integrates and elevates the human experience.



Enterprise AVoIP: Ensuring a Scalable Path Forward

When it comes to providing the world's highest-performing and most strategically innovative AV Over IP (AVoIP) solutions, our AMX networked AV portfolio is second to none. While our products literally established the AVoIP industry, they continue to evolve the landscape, delivering unparalleled scalability to easily deliver video to thousands of endpoints, across a range of applications, with the capability to scale to infinite proportions. Our real-world solutions allow customers to create, deploy, and monitor reliable, scalable, and secure AVoIP backbones, backed by legendary AMX products and global service and support.



Immersive Audio Experiences that Delight the Listener

As the demand for creating truly immersive audio experiences evolves, there is no other provider with more precision expertise, deep insight, and ready-to-deploy solutions than HARMAN. From recording and post-production to scoring and live performances, we have the most comprehensive suite of hardware and software solutions to deliver unparalleled soundscapes, scalable for the ideal listening experience. JBL loudspeakers, Crown amplifiers, and BSS, dbx, and Lexicon Pro signal processing products cover every possible hardware requirement. Our powerful object-based and perceptual immersive mixing solution from FLUX:: provides artists, sound designers, and audio engineers with the tools needed to design, create, and mix captivating and engaging real-time audio experiences.



Seamless Third-Party Integration for Best-in-Class Systems

HARMAN is committed to evolving technology and user experiences by developing third-party-friendly devices, applications, and platforms that ensure users can create systems using best-in-class components from a variety of manufacturers and technologies. Examples include AMX MUSE Automator. MUSE Automation solutions can be customized by dragging nodes from the palette into the workspace and wiring them together to create logical flows without the need to write a single line of code. MUSE Automator also supports the creation of custom nodes using JavaScript. Also built on a platform that embraces third-party integration, FLUX:: leads the industry in creating immersive audio and allows creators to work with the platforms they prefer, to create the best experiences possible.

HARMAN is the architect of immersive experiences, delivering scalable, end-to-end solutions that redefine the installation landscape.



SOFTWARE SOLUTIONS

SPAT REVOLUTION

APPLICATIONS SERVED:

Houses of Worship
Hospitality
Tour Sound
Stadiums
Immersive Audio

AN OUTSTANDING IMMERSIVE EXPERIENCE

FLUX:: SPAT Revolution is a powerful object-based and perceptual immersive mixing solution, providing artists, sound designers, and sound engineers the tools to design, create, and mix outstanding real-time immersive experiences. SPAT Revolution seamlessly integrates with a variety of DAWs and playback systems, allowing for local inter-application audio transport and automation.



FEATURES

Integrates with a Wide Range of DAWs
The FLUX:: AudioPipe technology, available in the SPAT Send and SPAT Return plugins, makes it possible to integrate with a wide range of DAWs, including Ableton Live, Pro Tools, Reaper, and Logic Pro

Flexible Control
Control via tablet, phone, or computer

Extensive List of Object Parameters
SPAT Revolution offers an extensive list of advanced object parameters based upon how humans perceive sound

Easily Adapt to Unique Speaker Arrangements
SPAT Revolution doesn't favor any output format or speaker system. This makes it just as easy to create a Dolby 7.1.4 system mix to adapt to any other unique speaker arrangement

Advanced Reverb Engine
The result of years of research from IRCAM developers, SPAT's reverb engine enables it to create an exceptionally natural acoustic simulation - the most fundamental element of a truly immersive experience

Multi-OS Compatibility
Windows, macOS, Android

VENUE SYNTHESIS

APPLICATIONS SERVED:

Houses of Worship
Hospitality
Tour Sound
Stadiums
Immersive Audio

DESIGN IN NEW DIMENSIONS

Venue Synthesis allows system designers and engineers to accurately predict the acoustical and mechanical performance of JBL sound systems. The streamlined and intuitive user interface expedites the entire design process, allowing system designers to transition from conception to deployment in record time. The new advanced acoustic engine generates high-resolution simulations to accurately match real-life performance, while the sophisticated mechanical engine generates precise system reports and array statistics.



FEATURES

3D Full System Mapping
Precise, full mapping of acoustic coverage on any audience and architectural plane

2D System View
Visualize coverage, impact points, and loudspeaker angles

Special Object Creator
Quickly create common architectural and audience areas

Import Drawing
Import and trace 2D schematics to quickly model venues at scale

Delay Optimizer
Optimize loudspeaker delays for the venue

System Groups
Organize and link loudspeakers based on acoustic properties

Safety Warning Notification System
Safety and reliability alerts in real-time

Mechanics Tools and Array Statistics
Ensures safe rigging and adherence to regulatory requirements

Headroom Warning
Using lab-verified SPL data, if loudspeaker limits are exceeded, a warning provides specific headroom data, so users can reduce levels accordingly

AVX suite

APPLICATIONS SERVED:

Houses of Worship
Hospitality
Tour Sound
Stadiums
Immersive Audio

CREATIVITY AT YOUR FINGERTIPS

AVX Suite™ streamlines the configuration, control, monitoring, and management of BSS Soundweb OMNI systems through three user-friendly applications, AVX Architect™ for system configuration, AVX Control™ for day-to-day system operation, and AVX Manager™ for system management. AVX Suite provides the tools needed to design and manage highly scalable and flexible system solutions.



FEATURES

Unified suite of purpose-built apps

- AVX Architect for system illustration, device configuration, and custom UI creation
- AVX Control for system operation
- AVX Manager device and network setting management

Flexibility
Choice of centralized or distributed DSP topologies

Scalability
Unlimited Soundweb OMNI processors can be added to a single project file

Open-Architecture
Single canvas, multi-device configuration of open-architecture DSP

Connectivity
HARMAN HControl protocol, and private and public routing for Dante

Access custom UIs on any OS
Windows, macOS, Android, iOS, and even AMX Varia touch panels

User-friendly
Modernized Custom UI Builder



APPLICATIONS SERVED:

Houses of Worship
Hospitality

CONTROL AT YOUR FINGERTIPS

JBL Pro's universal control application just got even more connected. Explore endless possibilities before you even pair, with fully contained demo mode. New full screen resolution, mix out pre/post-fader support, snapshot language feature, and more elevate the user experience, right at your fingertips. JBL Pro Connect puts control in your hands so you can sound amazing even before you begin your performance.



FEATURES

Streamlined Control
Manage mixer and DSP functions, as well as a variety of pre-loaded presets

Bluetooth 5.0 Functionality
Connect and sync up to 10 JBL Pro Connect-enabled speakers

Personalize Your Workflow
Group speakers for mixing, rename channels for traditional channel strip functionality, and more

Demo Mode
Explore app capabilities and configure and save system settings and presets without being connected to speakers

Full-Screen Mode
Offers a higher degree of resolution for editing and adjusting faders, and more

MIX OUT Pre/Post-Fader Support
Switch between pre/post-faders to match use-case scenarios

Snapshot Language Support
Save snapshots in a variety of select local languages when the keyboard has been loaded to the device

HARMAN'S HOSPITALITY INTEGRATED SOLUTIONS BENEFITS BREAKDOWN



IMMERSIVE EXPERIENCES

Create unforgettable moments through stunning visuals, crystal-clear audio, and dynamic lighting.



SEAMLESS INTEGRATION

Our solutions work together harmoniously to enhance every aspect of your guest journey.



SCALABILITY

Expand and adapt your systems to meet future demands without disruption.



OPERATIONAL EFFICIENCY

Streamline operations and maximize resource utilization.

HOSPITALITY

Transform Your Hospitality Spaces with Seamless, Immersive Experiences

Your guests crave extraordinary experiences. HARMAN delivers integrated solutions that captivate and engage, transforming your hospitality spaces into unforgettable destinations. As your partner in innovation, we offer a comprehensive suite of audio, video, control, and lighting systems, meticulously designed to harmonize and elevate every guest interaction. Our solutions are tailored to your unique vision, from boutique hotels to grand resorts, ensuring a perfect fit for any scale or style.

Imagine a world where technology disappears into the background, leaving only a purely elevated experience. Our systems seamlessly blend together, creating immersive environments that delight the senses. With HARMAN, you can curate unforgettable moments, from the soothing ambiance of a spa to the electrifying energy of a nightclub. We understand that your needs evolve. That's why our hardware is built for the future. Our scalable solutions grow with your business, ensuring long-term value and investment protection. From initial installation to future expansions, we're your trusted ally.

HARMAN's portfolio of iconic brands, including JBL, Crown, AMX, and Martin, guarantees exceptional performance and reliability. Our commitment to innovation ensures your investment delivers long-term value. With a legacy of excellence, HARMAN empowers you to create lasting connections with your guests. Let us help you redefine hospitality.



MAYFAIR LAKE RESORT, INDIA



FOUR SEASONS HOTEL, CHINA

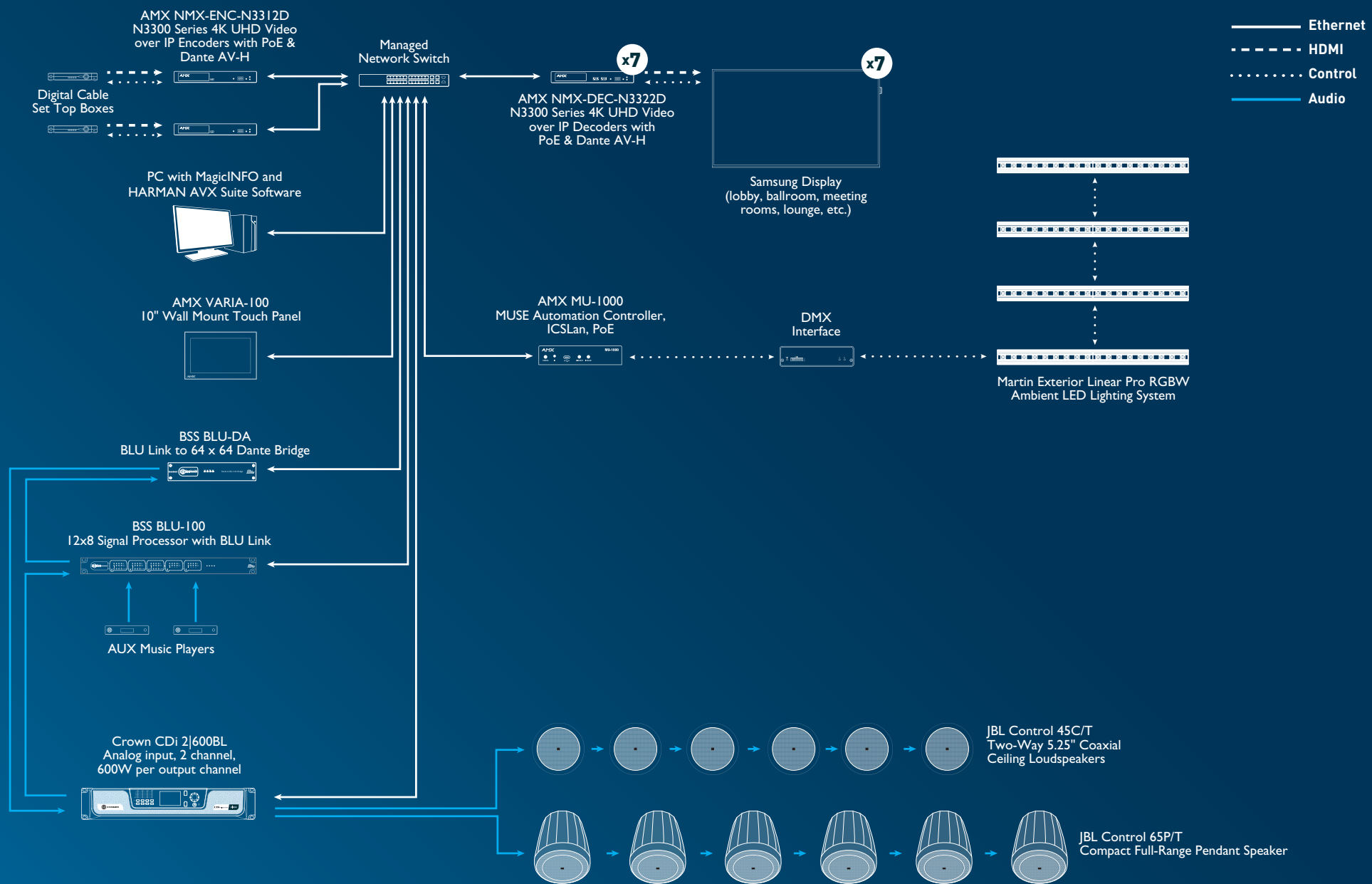


O'LEARYS, SWEDEN



PARK LANE HOTEL, CYPRUS

HOSPITALITY APPLICATION DIAGRAM - HOTEL LOBBY




*APPLICATION SUGGESTIONS ONLY

RECOMMENDED PRODUCTS

AMX


MU-1000
MUSE Automation Controller



- Embedded processor can run a nearly unlimited number of scripts simultaneously
- Robust eMMC industrial-grade storage for high-access 24/7 reliability
- Secure Linux platform surpasses requirements of the most secure environments

BSS


BLU-100
12x8 Signal Processor with BLU link



- Rich palette of processing and logic objects included
- Low-latency, fault-tolerant Digital Audio Bus support
- Remote configuration, control and monitoring

CROWN


CDI SERIES
Amplifiers with BLU link



- Range of models to customize power, channels, and features needed
- On-board DSP for remote control of gain, EQ, delay, and more
- Completely configure the amplifier using an intuitive front-panel interface

dbx

DRIVERACK VENU-360
Complete Loudspeaker Management System



- Accurate, fast, and non-intrusive automatic EQ experience
- Enhanced AFS algorithm for faster, more precise feedback elimination
- Integrated wizard functions guide easy, step-by-step configuration

JBL

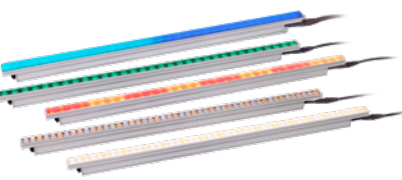
CONTROL 65 P/T
Compact Full-Range Pendant Speaker



- RBI (Radiation Boundary Integration) technology ensures consistent, wide coverage
- Choice of 8 ohm and 60W multi-tap transformer configurations
- Black and white models available

Martin

EXTERIOR LINEAR PRO
Outdoor Linear Fixtures



- Slim design and low weight makes easier to integrate into architectural elements
- Factory calibration of colors offers superior color consistency
- DMX-controllable and easier to install with integrated universal power supply

PRODUCTS USED

AKG

- CS3 Conference Microphones

AMX

- Precis Video Switcher
- NX-2200 Netlinx NX Integrated Controller
- Acendo Core
- Modero 10" Touch Screen
- Video Transceivers

CROWN

- DCI Series Amplifiers

JBL PROFESSIONAL

- Control 16C/T Ceiling Tile Speakers

WYNDHAM OCEAN DRAGON HOTEL, VIETNAM



OPPORTUNITY

The Wyndham Ocean Dragon hotel aimed to deliver 5-star experiences for guests in its meeting rooms and hired leading integrator TNNSI to install a state-of-the-art, easy-to-use AV system.

SOLUTION

TNNSI installed a range of HARMAN Professional networked audio and control solutions using JBL speakers, AKG microphones, Crown amplifiers, and AMX network and control devices. TNNSI chose the AMX Precis video switcher for its fully featured HDMI video routing and affordability. The NX-2200 NetLinx NX Integrated Controller offered a scalable platform that combines high performance and comprehensive network security features. The Modero touch screen served as a single point of control, integrating all system functionality into a single interface.

INSTALLATION SPACES

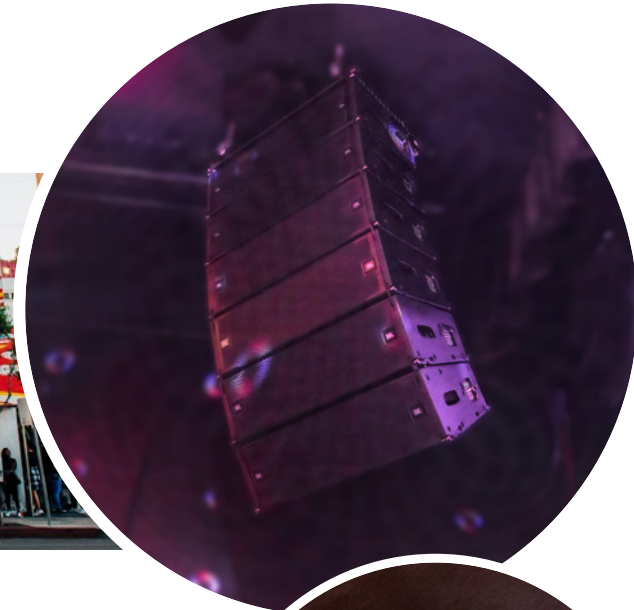
- Meeting Rooms

“The seamless integration between the AMX control system and the AKG audio conference system has significantly improved meeting operations.”



SEE THE FULL CASE STUDY

THE ROXY, USA



OPPORTUNITY

Known for hosting some of the most iconic performances and live recordings, the Roxy has been a cultural touchstone for five decades. In 2023, in celebration of its 50th anniversary, the Roxy sought to upgrade its sound system to provide concertgoers with an even more epic live music experience.

SOLUTION

Rat Sound Systems selected JBL's VTX A-Series to meet the Roxy's demands for fidelity, power, and coverage, while ensuring the system did not obstruct views from any spot in the venue, including the VIP balcony seating. The solution included 12 VTX A8 three-way line array cabinets for the main left/right coverage, four VTX B28 dual 18-inch subwoofers for deep bass, and a selection of AE Compact speakers for fills. Crown I-Tech 4X3500HD DriveCore™ four-channel amplifiers were used to power the system, ensuring consistent, high-quality sound performance. JBL's user-friendly VTX rigging hardware was instrumental in the successful installation and overcoming the tricky corner stage layout of the Roxy.

INSTALLATION SPACES

- Live Entertainment Concert Venue

“We are thrilled with the partnership with Rat and JBL, who helped us in keeping the Roxy, the best-sounding room in the world.”



SEE THE FULL CASE STUDY

PRODUCTS USED

CROWN

- Crown I-Tech 4X3500HD DriveCore

JBL PROFESSIONAL

- 12 VTX A8 Three-way Line Array Cabinets
- Four VTX B28 Dual 18-inch Subwoofers
- Selection of AE Compact Speakers for Fills

PRODUCTS USED

Martin

- MAC Ultra Family
- MAC Aura Family
- ERA Family
- ELP Family
- Exterior Family
- Atomic Family
- VC Family

CARNIVAL JUBILEE, USA



OPPORTUNITY

To create the ideal lighting design to infuse world-class production value into each of Jubilee's many entertainment venues, theaters, and performance spaces, Carnival's design team needed a solution that encompassed versatile and showstopping performance. It employed the latest, state-of-the-art technologies; and could ensure maximum uptime, reliability, and ease of serviceability.

SOLUTION

Through a long and successful partnership outfitting Carnival's entire fleet of advanced vessels, Martin Professional was selected to provide entertainment lighting for all of Jubilee's entertainment venues. To surpass every lighting need and requirement in the design, a variety of Martin's most powerful, efficient and progressive fixture ranges were specified for installation throughout the ship's venues.

INSTALLATION SPACES

- Performing Arts Theater

“Martin fixtures are reliable and easy to maintain and clean. It's easy for us to train the technicians, because the way Martin fixtures are made are modular, and it's easy to remove parts, clean them up, and put them back together.”



SEE THE FULL CASE STUDY

HMV 363 OXFORD STREET, ENGLAND



OPPORTUNITY

The original 363 Oxford Street store opened in July 1921 and quickly gained a worldwide reputation for its huge range and quality of service. In designing the new store, hmv was unequivocal in the importance of a quality sound system.

SOLUTION

hmv turned to HARMAN's JBL Professional loudspeakers, installed by Inurface Media via Sound Technology Ltd, to provide high-quality audio across their store and live performance stage. Inspired by JBL's work with Jack White's Third Man Records, hmv sought JBL's range for its flexibility and superior sound. The ground floor features ten JBL Control 65 speakers, with additional subwoofers, while the first floor and basement use JBL Control 23-1 speakers and subwoofers. The live stage showcases AKG microphones and JBL's SRX900 line-array system, powered by Crown amplifiers. The setup ensures a premium audio experience for customers and artists alike.

INSTALLATION SPACES

- Retail Store
- Live Performance Room

“The combination of JBL's highly evolved and different speaker designs have worked together in one space, to create a very engaging and high-quality sound system.”



SEE THE FULL CASE STUDY

PRODUCTS USED

AKG

- C451 Microphones
- D5 Microphones
- D7 Microphones
- D112 Microphones
- D40 Microphones
- DMS300 Wireless Microphones

ES

- BLU-100 Signal Processors
- BLU-326 I/O Expanders
- EC-4BY Wall Panels

CROWN

- CDi Series Amplifiers
- iTech HD Series Amplifiers
- XLS DriveCore 2 Series Amplifiers

JBL

- AE Series AC16 Compact Loudspeakers
- Control 23-1 Ultra-compact Loudspeakers
- Control 50S/T Surface-mount Subwoofers
- Control 60PS/T Pendant Subwoofers
- Control 65 P/T Pendant Loudspeakers
- PRX ONE Powered Column Loudspeakers
- SRX910LA Powered Line Array Loudspeakers
- SRX928S Powered Subwoofers
- VTX M20 Wedge Monitors

ONE HARMAN ONE SOLUTION

Unleash Your Vision with HARMAN

HARMAN Professional Solutions offers a world-class ecosystem of audio, video, control, and lighting solutions designed to elevate your projects and installations. With a rich history and a commitment to innovation, we deliver comprehensive solutions, tailored to your specific needs. From concert halls to boardrooms, our products are built to perform at the highest levels, ensuring a second-to-none user experience.

Unleash the Power of Synergy

Our portfolio of iconic brands, including JBL, Martin, AKG, AMX, and BSS, come together to create immersive, interactive, and integrated solutions. This powerful combination delivers unparalleled audio, video, control, and lighting experiences. By seamlessly integrating our solutions, you can design environments that captivate audiences, enhance productivity, and drive business growth. We're not just providing products; we're delivering the foundation for extraordinary experiences.

Experience HARMAN Excellence

At HARMAN, we're dedicated to exceeding your expectations. Our cutting-edge technology, combined with unparalleled performance, reliability, and support, empowers you to create extraordinary experiences. With a focus on innovation and customer satisfaction, we're your trusted partner in bringing visions to life.

EXPERIENCE HARMAN PROFESSIONAL SOLUTIONS

Step into the Future with HARMAN Professional Solutions

HARMAN Professional Solutions elevates your experience with a global network of Experience Centers. These state-of-the-art facilities showcase our next-generation technologies and integrated solutions within immersive environments. At the heart of these Experience Centers lies a commitment to fostering collaboration, integration, and innovation.

Explore the Possibilities

When visiting any of our Experience Centers, we invite you to interact with HARMAN experts and explore our comprehensive range of audio, video, control, and lighting solutions. You'll have the opportunity to experience firsthand how HARMAN's integrated ecosystem transforms projects across corporate spaces, hospitality venues, houses of worship, and live entertainment environments.

Experience Real-World Scenarios

HARMAN Experience Centers don't just tell; they show. Through meticulously designed environments, experience seamless integration of HARMAN's solutions, delivering unparalleled audio, visual, control, and lighting experiences. Whether it's a simulated concert hall or an interactive executive boardroom, our immersive solutions showcase the immense possibilities unlocked by HARMAN technologies.

Innovation Hubs

Beyond showcases, Experience Centers are unifying hubs for collaboration. Our experts work with customers and partners to explore new ideas and develop tailored solutions. This collaborative approach ensures HARMAN offerings remain at the forefront of innovation, continuously evolving to meet and exceed your needs and requirements.

Explore our World

We warmly welcome you to explore our global network of world-class experience centers. Schedule a visit, and discover for yourself how HARMAN Professional Solutions can elevate your projects and installations: pro.harman.com/lp/harman-experience-centers



LOCATIONS

- Los Angeles, USA
- London, UK
- Shanghai, P.R.C.
- Singapore, Asia
- Bangalore, India





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