



CASE STUDY

Seamless Automation at Sea

Hemag Inc Transforms a Luxury Yacht into a Smart Entertainment Haven



When it comes to luxury experiences, automation is no longer confined to high-end, land-bound residences. Hemag Inc, a leader in smart automation, extended its expertise to the open waters by designing and installing a fully integrated automation system on a Crescent Custom Yacht. This 135-foot (41-meter) luxury yacht charts an unparalleled entertainment and control experience while ensuring seamless operation across multiple zones.

The result is a state-of-the-art smart yacht that blends high-fidelity audio, video distribution, and intuitive automation into a single, fluid experience. Hemag's innovative approach ensures that the owner and guests can enjoy sophisticated yet effortless control over every aspect of the vessel's technology.

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For the owner of this luxury yacht, convenience and top-tier entertainment were paramount. Hemag Inc was tasked with designing and installing a system that would match the luxury of a high-end smart home, tailored for the complexities of a marine environment.

The Crescent 135 exemplifies quality and luxury. The yacht, Equation, features exterior design by Jack Sarin Naval Architects, Inc. and interior design by Robin Rose & Associates.



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The challenge was clear; integrate a robust automation system that would allow users to control audio, video, lighting, and entertainment across multiple zones without disrupting the sleek aesthetic of the yacht.

Leveraging URC's MRX-30 controller, Hemag provided an intuitive yet powerful command center that grants users complete control over the yacht's systems. This flagship processor integrates seamlessly with the TDC-5100 and TRC-1480 remotes, ensuring ease of use throughout the vessel. Whether lounging in the salon or enjoying the sea breeze on the aft deck, users can access their favorite entertainment options with just a touch or voice command.

To ensure a high-end entertainment experience, Hemag Inc (www.hemaginc.com) of Miami, FL deployed a comprehensive multi-room audio system utilizing URC's HDA-8100 and HDA-1600 (70-volt) amplifiers. This setup delivers immersive, high-fidelity sound across all major zones of the yacht, from the main deck to the private cabins. No lag and no delay.



In addition, Hemag strategically placed nine high-performance speakers and a subwoofer in both the aft deck and boat deck zones. These areas, often the focal points of social gatherings and relaxation, now offer an immersive soundscape tailored for any occasion—whether it's an intimate evening at sea or a high-energy party.

"Within the system, we designed a scene called Party Mode using URC Total Control that creates a unique multi-sensory experience by linking the aft deck, sky deck, boat deck and bow with a single touch or voice command," stated Henley Garcia, Hemag's Vice President. Garcia continued, "Blending the latest technology in luxury spaces is core to our business and this is an excellent installation to showcase unique features and seamless automation."

Additionally, Hemag ensured that audio across indoor and outdoor spaces remained synchronized when needed. The seamless integration of these audio zones enables a fluid transition from one space to another, making the yacht feel like a cohesive entertainment hub rather than a collection of isolated spaces.



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For video distribution, Hemag incorporated AVProEdge's MXNet 10G platform, allowing content from 10 video sources to be delivered to eight displays throughout the vessel. This ensures that guests can enjoy independent viewing experiences or synchronize displays for a unified entertainment ambiance. Whether watching a movie in the master cabin or catching a game in the outdoor lounge, the system adapts to the owner's preferences effortlessly.

To complement the video setup, Hemag integrated an Autonomic MMS-5E and WiiM Pro Plus, enabling access to a vast array of streaming services. The Autonomic MMS-5E music streamer is a standout component, offering high-resolution multi-room audio streaming with compatibility for major platforms like Spotify, Apple Music, and Tidal. This system allows guests to effortlessly create personalized playlists, sync music across different zones, or enjoy distinct audio selections in separate areas of the yacht. With its lossless audio capabilities, the MMS-5E ensures a rich and dynamic listening experience, elevating entertainment to new heights.

Beyond entertainment, Hemag implemented automation solutions to enhance the yacht's overall convenience and luxury. One of the most innovative features is the automated TV lift system, installed in both the salon and master cabin. At the press of a button, the TV rises seamlessly from its concealed space, synchronized with the activation of Apple TV or DirecTV. As the display emerges, the surround sound system activates, creating an instant home theater experience—even in the middle of the ocean.

The automation extends beyond media control. Hemag's expertly programmed system allows for intuitive control over lighting, climate, and security, ensuring the yacht remains as comfortable as it is cutting-edge.

This project stands as a testament to Hemag Inc's ability to push the boundaries of smart automation. By combining URC's control solutions with expert design and installation, Hemag delivered a luxury automation experience that rivals even the most advanced smart homes.

For the yacht owner, who previously had no music onboard, the transformation was nothing short of remarkable. Now, every moment at sea is accompanied by immersive audio, intuitive control, and effortless entertainment—all designed and installed by Hemag Inc.

As luxury yachting continues to evolve, Hemag remains at the forefront, proving that smart automation isn't just for homes—it's for anywhere you want to experience the future of technology.



Featured Products:



TDC-5100



TRC-1480



HDA-1600



MRX-30



HDA-8100



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About Total Control

URC's Total Control delivers premium automation and control for commercial and residential applications. This comprehensive system includes tabletop and in-wall touch screen controllers, powerful system processors, mobile apps, high-definition music streaming amplifiers, voice control integration capabilities and much more. Total Control integrates with thousands of AV and connected systems, delivering a robust, highly-intuitive user experience.

About URC

Headquartered in Harrison, NY USA, URC is a global leader in smart home and commercial building automation and control solutions. URC technology is respected for unsurpassed performance and reliability with over 100 million remote controls sold in the past 10 years alone. URC control systems include Total Control® and Complete Control®. Innovative URC user interfaces include tabletop controllers, in-wall touch screens, handheld remotes, keypads and mobile apps – plus voice control integration with Amazon Alexa, Apple TV, and Comcast Xfinity. URC systems are custom designed, installed and maintained by a network of URC trained systems integration professionals. Its award-winning technical support and training make URC the best choice for home automation.

Equipment List:

MRX-30, TDC-5100 (5), TRC-1480 (3),
HDA-8100 (4), HDA-1600 (3)



About Hemag Inc

Hemag is a multi-service company dedicated to providing the best equipment, for the best price, with 5 star installation. From residential to commercial work, they have knowledgeable staff that can handle everything from design to installation and training with your system. Whether you're looking for home theater development, making your home smarter or even need IT support, Hemag are there to help you in whatever you need.

Hemag is fully insured and certified, which will give you peace-of-mind while your installation is being completed. Priding themselves on quality, they ensure every bit detail in up to our standards. Hemag focuses on their client's needs and guarantee 100% satisfaction.

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