



# Arksen 85

## INTRODUCTION

Arksens are true explorer yachts, backed by a company with an ambitious mission — and the Arksen 85 models are designed for limitless adventure. Founder Jasper Smith has developed a new breed of efficient, sustainable superyachts capable of taking to the water in comfort and style. With three decks offering a range of layouts to meet all tastes and touches of luxury throughout, the Arksen 85 explorer vessel is equipped to handle diverse climates from icy waters to steamy tropical shores.

**"THE ADVANCED FUNCTIONALITY AND PERSONALIZED FEATURES PROVIDED BY THE CRESTRON SYSTEM OFFER A LUXURIOUS AND COMFORTABLE ONBOARD LIFESTYLE TAILORED TO THE OWNERS' PREFERENCES AND NEEDS. THE END RESULT HAS EXCEEDED THEIR EXPECTATIONS."**

**Alistair Ingram**  
*Director,*  
*ClearSphere*



## THE CHALLENGE

For their first build of the Arksen 85 model, the ship's design and accompanying technology needed to meet the unique requirements of this boat and match Arksen's core values, balancing function and luxury. Arksen ships put sustainability at the forefront as they are manufactured using recycled material wherever possible and designed to operate with minimal environmental impact and maximum energy. The Arksen 85 needed to provide comfort while having simple control of lighting and HVAC systems, entertainment opportunities to keep guests occupied for remote cruising, and safety features through comprehensive monitoring and alarm systems.

**"OUR PREVIOUS WORK WITH A MEMBER OF THE DESIGN TEAM WAS A SUCCESS AND RESULTED IN US BEING BROUGHT IN FOR THE INSTALLATION ABOARD THIS ARKSEN 85. WE KNEW ONLY CRESTRON AND CLEARSPHERE COULD HAVE DELIVERED THIS PROJECT, AS NO OTHER SYSTEM HAS THE CAPABILITY TO OFFER OVERARCHING INTEGRATION AND CONTROL OF SO MANY DISPARATE SYSTEMS."**

**Alistair Ingram**  
*Director,*  
*ClearSphere*



## THE SOLUTION

AV integrator ClearSphere deployed a Crestron control system and combined it with a range of third-party systems to create a complex and comprehensive integration for the luxury explorer yacht. The bespoke Crestron control system was designed to enhance and complement the values outlined by Arksen and leveraged the DM NVX® AV-over-IP platform to meet all entertainment requirements.





## THE TECHNOLOGY

Seamless integration and intuitive control of all onboard systems enhance the owner's overall experience and enjoyment while cruising remote regions. The advanced functionality and personalized features provided by the Crestron system have exceeded their expectations, offering a luxurious and comfortable onboard lifestyle tailored to their preferences and needs.

The multi-cabin DM NVX AV-over-IP audio and video distribution system provides entertainment options for guests and crew alike. The platform even supports enjoyment in remote locations with limited internet connectivity, enhancing the overall onboard experience during long journeys. DM NAX® Audio-over-IP technology covers distributed audio across eight zones with Bowers & Wilkins speakers. With distributed audio, music can be played in all cabins. Guests and crew are also able to use AirPlay® software individually in each cabin or throughout the yacht.

**"CRESTRON DM NVX IS THE ULTIMATE IN FLEXIBILITY AND SCALABILITY. A SINGLE NETWORK CABLE DELIVERS ALL OF YOUR VIDEO AND AUDIO SOURCES WITH EXCEPTIONAL QUALITY USING STANDARD INFRASTRUCTURE. IT EVEN HANDLES THE CONTROL."**

**Nick Fletcher**  
*Director,*  
*ClearSphere*

Video from the central media server and CCTV system is distributed to five televisions through DM NVX AV-over-IP solutions. The addition of a large media server ensures there is always something to watch, even when internet connectivity is sparse or prohibitively expensive. Further control of all televisions is accessible through Crestron TSR remotes and touch screens.

The yacht's rugged explorer credentials and ambitious cruising plans made the Arksen 85 a unique and engaging proposition. Throughout the vessel, the centralized control interface allows crew members to efficiently manage and monitor energy usage, optimize power generation, and control environmental settings to enhance comfort while minimizing environmental impact.

"Crestron DM NVX was the obvious choice for the Arksen 85 series. It's architecture allows discerning owners to tailor their requirement, without the need to re-cable post build," says Nick Fletcher, Director, ClearSphere.

**"CLEARSHERE DELIVERED A FANTASTIC USER EXPERIENCE ON TWO OF MY PAST PROJECTS. THE COMBINATION OF CLEARSHERE SOFTWARE AND CRESTRON HARDWARE MADE THEM THE LOGICAL CHOICE FOR THIS NEW GENERATION OF ARKSEN EXPLORER YACHT."**

**Evan Hind**  
*Chief Operating Officer,  
Arksen*







## RESULTS

The Arksen 85 is a fantastic showcase of the power and flexibility provided by Crestron, whose broad range of audiovisual products, lighting control systems, and user interface hardware ensures reliability and simple installation. Crestron's track record and global presence gave Arksen peace of mind and the knowledge that the system could be maintained and supported far into the future.

"By leveraging Crestron technology and customizing our solutions to meet the specific requirements of Arksen, we were able to successfully deliver an integrated control system that enhances sustainability, capability, comfort, entertainment, and safety aboard the yacht, providing an exceptional onboard experience for owners and guests alike," says Alistair Ingram, Director, ClearSphere.

### Featured Products

**4-Series® Control System**  
CP4

**DM NVX® 4K60 4:4:4 HDR Network AV Encoder/Decoder**  
DM-NVX-360

**DM NAX® 8-Zone Streaming Amplifier**  
DM-NAX-8ZSA

**10.1 in. Wall Mount Touch Screen**  
TSW-1070

**Handheld Touch Screen Remote**  
TSR-310