

# AV Control is Easy to Navigate Aboard 73m Super Yacht The Netherlands



## Introduction

AHT Marine, a Crestron yacht integration specialist, is dedicated to ensuring its clients enjoy the highest levels of comfort, communication, and entertainment during short or extended voyages. Built at the Feadship Royal Dutch Shipyard in the Netherlands, Project Hasna, a 73m super yacht, required a best-in-class, extremely reliable integrated AV solution. AHT Marine provided it, based on Crestron technology. Crestron touch screens, handheld remotes, iPad® tablets and Cameo® keypads are strategically placed throughout the vessel for convenient control of the audio emanating from the almost 200 speakers and subwoofers throughout, and the video distributed to more than 30 high-resolution displays.

This ultimate super yacht is filled with the most innovative and secure technology ensuring the highest level of comfort for both short and extended voyages.





## Technology

Project Hasna required an extremely reliable AV system. AHT Marine provided a solution based on Crestron DigitalMedia™ technology for AV distribution and control. With accessibility and ease-of-use in mind, AHT Marine's Crestron Certified Engineers designed user interfaces specific to common areas, owner cabins, guest cabins, and select crew locations. It was important to the owners to have intuitive control over music and movies while providing informative feedback and real-time information on each panel. To maintain control on a managerial level, there are user interfaces specifically designed to provide the crew easy navigation and control of audio and video functions for a single room or throughout the entire super yacht.

Over 30 4K DigitalMedia 8G+® Receivers & Room Controllers are used throughout the vessel with a 64x64 DigitalMedia switcher located in the MEC. Four 10" Crestron TSW-1052 touch panels along with nine Crestron HR-150 handheld remotes are placed throughout the common areas of the yacht. The main 3-Series Control processor is located in the MEC with two additional CP3 subsystem processors. The bridge deck salon and main salon also have CP3 subsystem processors.

Touch panels with a tailored interface were provided to ensure ease of use over the designated functions within each space. Intuitive control over music and movies is also provided with informative feedback of real-time information available on each panel. In bathrooms, passages and lobbies, on/off and volume level controls are available at a touch of a button. Management touch panels are designed for user-friendly crew access. The placement of crew managed touch panels are placed throughout the yacht. Centralized control features include setting the various satellite regions, providing levels of access to applications based on owner-specified sections of the vessel, selecting different occupancy modes to set user priorities and customizing source availability based on criteria.





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## Results

The entire project was a team effort. AHT Marine Crestron Certified engineers, designers and programmers ensured satisfactory and timely delivery, by providing the owner, guests, and crew with simple, convenient control of distributed video and audiocontent throughout the luxury super yacht Hasna. The final result was a connected super yacht with a best-in-class integrated AV solution including user interfaces tailored to different areas of the vessel while providing the highest levels of reliability.

## Featured Products

- **4K DigitalMedia 8G+® Transmitter 302**  
DM-TX-4K-302-C
- **DigitalMedia 8G+® Transmitter 201**  
DM-TX-201-C
- **3-Series Control System®**  
Pro3
- **Cameo® Keypad, Standard Mount**  
C2N-CBD-P-W-S
- **10.1" Touch Screen**  
TSW-1050
- **64x64 DigitalMedia™ Switcher**  
DM-MD64X64

