

Super yacht Italy



"We like to specify Lutron light control technology as the company's product base is so broad and integrates with such a wide range of other technologies that we are able to form one, cohesive solution when we use Lutron systems"

Marco Cremoni from Videoworks.

Background:

From the outset, the owners of the 45 metre, 495 GT, full displacement ocean-going super yacht wanted to create a chic, contemporary interior that was ultimately minimalist in look and feel, yet enabled the yacht's owners and guests to access a wide range of multi-media facilities from keypads and iPads™* throughout. Designed by Remi Tessier, Studio Spadolini and built by the Rossinavi shipyard, the yacht's design needed to ensure the ultimate in integration for all interior and exterior lighting, AV, window treatments, heating, air conditioning and security systems.

The challenge:

As well as the challenge of ensuring that the technology was hidden from view, to promote the sleek lines of the yacht's interiors, the lighting had to be integrated as much as possible into the fabric of the build. This meant that the designers had to maximise the use of recessed fittings and LED strip lights. However, by choosing to use ELV dichroic spots and LED strips and spots throughout the yacht, a range of integration challenges were created for Videoworks and Lutron's technical support team.

Lutron's Homeworks lighting control system and Sivoia QED shades solution are:



Sivoia QED near-silent shades control throughout the yacht for ultimate daylight control.



5 powerful P8 HomeWorks processors and 7 DMX interfaces integrate all of the yacht's ELV dichroic spots and LED lighting.



SeeTouch International keypads and iPads™* control the lighting throughout.

The solution:

To achieve the level of integration and programming required to create an easy-to-use client facing solution, Umberto Tagliavini specified Lutron's renowned HomeWorks lighting control system; building reliability and user-friendliness into the yacht from day one.

Due to the multiple systems on the yacht, including a wide range of DMX light sources, five HomeWorks processors and seven DMX interfaces were used throughout the Lower, Main, Upper and Sundecks. Thanks to the flexibility of Lutron's HomeWorks light control system, Videoworks was able to integrate the wide range of DMX controlled light sources into one, highly flexible, easy-to-use solution. At key points in the project, Lutron's technical support team worked closely with Videoworks to overcome DMX integration issues and ensure that the project was completed to time and to budget.

The open structure of Lutron's HomeWorks software enabled Videoworks to link the super yacht's lighting, AV and blinds with as few interfaces as possible. Thanks to Lutron's Sivoia QED near-silent daylight control technology, it was also possible to programme the 32 sheer and black-out blinds so that they could be altered individually as required from clearly engraved keypads in each area. Not only did this ensure perfect interior light levels could be maintained, but that privacy would be possible wherever the yacht docked.

The results:

Controlled either via one of the 40 Lutron SeeTouch International engraved keypads throughout the yacht, or from iPads™*, lighting can be re-set easily and quickly, dependent on the mood of the owner and guests. In addition, Videoworks has integrated the light control solution into the PC on the monitoring board, allowing the crew to change external lighting levels as required.

The end result is a yacht that is the ultimate in minimalist, sleek sophistication. The owners appreciate the ease of use of the system and the fact that the yacht's natural and artificial lighting can be altered from anywhere, yet enables them to move from 'relaxation' to 'party mode' at the press of a button.

Project Manager/Surveyor: Umberto Tagliavini
Interior Designers: Remi Tessier
Exterior Designers: Studio Spadolini
Ship Builders: Rossinavi shipyard
Custom installer: Videoworks S.p.A.

Electrical Engineers: ENI Elettro Naval Impianti
Lutron Products: HomeWorks light control system, Lutron Sivoia QED curtains and blinds control system and Lutron International SeeTouch pads

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