

Alfa Nero United Kingdom

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A luxury yacht equipped with the latest AV, telecommunications and automation systems in that with a technical specification that leaves others in its wake, the Oceanco's Alfa Nero certainly puts the super in superyacht. Yes. With every recreational and entertainment provision you could ever desire, this 270 foot vessel offers a truly luxurious life on the ocean waves, even boasting a hydraulic swimming pool that transforms into a helipad!



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With a long, low stern dominating her sleek appearance, the Alfa Nero certainly cuts a striking figure. In addition to her fabulous looks, the designers have provided the yacht with a dazzling amount of luxury, all further dressed by Van Berge Henegouwen, with the latest technological systems. The swimming pool alone is one of the largest built on a super yacht and is a superb feat of innovation by Oceanco's engineers. Hydraulic rams elevate the pool floor to deck level, transforming this section of the aft deck into a dance floor, a vast entertaining area or even a helipad. Installed by Van Berge Henegouwen of the Netherlands, Alfa Nero's onboard entertainment, environmental and communication systems are all controllable via state-of-the-art Crestron technology.

A range of Crestron touchpanels offer the ideal user-interface, simultaneously expanding and simplifying control over the Alfa Nero's broad range of complex devices and systems. The yacht's high-quality audio and video equipment is controlled by Crestron TPMC-8X web pads, or other Crestron touch panels, located

throughout the vessel. Incredibly thin and compact, the WiFi touchpanel is brilliantly designed to provide a powerful mobile control solution that's easy to hold and intuitive to use. The TPMC-8X communicates via wireless net work with locally placed Crestron control processors and centrally placed high-end audio visual equipment. Alfa Nero's occupants can control the lighting, curtains, air-conditioning and other systems, with the web pads that incorporate automatic functionality; when you select "DVD", for example, the TV turns on, the DVD activates and the AV processor selects the correct input in order to view your selection. By using the WiFi touchpanels occupants can check email or start watching a movie while the lights are dimmed, curtains are closed, music stops and the sound of the movie increases - all with the press of one button.

The onboard entertainment provision is divided into locally and centrally placed systems. The local systems include speakers, amplifiers, Crestron touchpanels, local source equipment and 20 Crestron processors that work to ensure that every audio, video and environmental element of the yacht is integrated and accessible through the control system. This user-friendly Crestron experience is supported by intuitive screens programmed by the engineers of Van Berge Henegouwen. Among the centrally placed equipment are the centralized sources including the 23 satellite receivers and 23 Direct Latin America receivers, the High-Definition component matrix switchers and the Crestron Audio Amplifiers, including several CNAMPX-7X200s and CNAMPX-16X60s, each providing the yacht with seven and 16 channels of world-class audio amplification respectively. The centrally placed Kaleidescape server delivers a one-of-a-kind cinema experience to 23 Kaleidescape players throughout the yacht. The intuitive Kaleidescape System allows the yacht's owner to collect, manage



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Alfa Nero

United Kingdom

and enjoy his entire digital movie collection with breathtaking ease and speed for maximum viewing enjoyment. The Kaleidescape server stores the collection of DVDs and then provides multiple, simultaneous video playback throughout the yacht and is easily accessible and operational with one touch of the Crestron touchpanel. The yacht's occupants can choose to watch different movies at the same time in different rooms, view the same film continuously on different screens as they move around the boat or pause a movie in one of the staterooms and finish watching it days later in the sky lounge on either the 65" LCD or 7.1 surround sound cinema with its 120" high-resolution screen.

And, it's not just about the movies. Kaleidescape Music Players provide easy access to the yacht owner's collection of albums. Intuitive user interfaces make it easy to find and play music from the collection, delivering detailed descriptive information about the music library and enabling the user to mix and match music and arrange selections in any order for a completely personalized listening experience. Van Berge Henegouwen Crestron programmers have also developed a feature that can route the Kaleidescape players and satellite receivers to other areas of the vessel, if needed. For example, if part of the equipment dedicated to the owner's room should experience problems, then the system will route content onto one of the guest players or receivers. Many of Alfa Nero's Crestron touchpanels have several functions unique to their marine environment; allowing users, for example, to view the ship's position or the ships monitoring systems via the high-quality

Extron video matrix, which comes in handy if occupants want to know when they will arrive at port. The control provision doesn't end there. The Alfa Nero also boasts three WPR-48 waterproof remotes. The first waterproof RF wireless remote, the WPR-48 "remote on a rope" is safe to use in all the yacht's wet areas, including the swimming pool and its fully immersible, rubberized case is easy to grip and won't slip from moist hands. Fifteen TPS-2000L wall mount touchpanels located throughout the vessel also put a world of control capability in the space of a common light switch. There is also a TPS-12L on board that features a spectacular 12" display offering a wide viewing angle with exceptional brightness and contrast for stunning control graphics, high-resolution images, and full-motion video. Five MT-1000s located in the yacht's service areas and officers' cabins offer compact, wireless control in one sleek, stylish handheld package. Even areas such as the yacht's bathrooms, lobbys, pantries, and elevators have streamed music with independent volume control all controlled by Crestron. TV lifts and swivels are all also connected to the central Crestron control system.

The Alfa Nero also houses a satellite and DVB-T terrestrial receiving system; with satellite reception achieved by two Sea Tel, marine stabilized, 5' dishes with an automatic changeover system for the strongest reception. Terrestrial reception is provided by a Naval omni directional TV antenna in combination with Celwave whip for radio. To monitor the temperature of the central racks, Van Berge Henegouwen's engineers used temperature sensors and a Crestron-programmed notification system. When the temperature of the main rack or the amplifiers reaches the maximum tolerated temperature, a notification will be displayed on the touchpanel. Engineers can also monitor Ethernet to see if the ship is on course, and monitor performance and communication of the satellite antennas. All these functionalities can be accessed by the x-panel functionality; a facility that is also used by Van Berge Henegouwen. This application offers the same degree of control as would be possible with a touchpanel, but online. The Alfa Nero engineer can log into the x-panel from any internet connected computer and perform the same operations that can be performed from the Crestron panel in the rack.

So when it comes to managing technology within a marine environment; no superyacht should set sail without a complete automation solution from Crestron!

