

# BlackVelvet Advanced Design

Customized Wheelhouse Control Panels



We support your dreams

## CUSTOMIZED WHEELHOUSE CONTROL PANELS

BlackVelvet Advanced Design is a new, modular and customizable wheelhouse control panel solution designed and manufactured by Raytheon Anschutz, which allows creating an eye-catching, seamless bridge design with standardized HMI for various bridge control devices.

As a standard at Raytheon Anschutz and based on many decades of practical experience all own bridge devices such as steering inserts, autopilot, repeaters and control elements follow the well accepted Anschutz surface design, with common lighting, colors, and fonts. Foil-impressed push buttons contribute to common haptic.

Using the BlackVelvet Advanced Design panel solution, formerly inhomogeneous control devices of different manufacturers can be adapted to this design and haptic to form a seamlessly designed, uniform to operate bridge solution. Such seamless bridge arrangements always take into consideration technical feasibility as well as ergonomics and attractive design.

The panels are based on CAN bus technology and feature newly engineered, flexibly programmable interfaces to connect with various third-party operation devices, for example bow and stern thrusters or azimuth control. For all these devices the panels provide the HMI in the design known from Anschutz components. In addition, the controls of main engine and DP systems can be delivered in Anschutz design by defined manufacturers.

As a scalable solution, the panels consist of keyboards in different sizes that can be flexibly configured and arranged in modular fashion. The number and horizontal or vertical arrangement of buttons as well as related function, system inputs and outputs, backlighting and dim values, or surface colors can be customized according to the individual customer's specification. Being the maker of critical components such as steering inserts and autopilots, we can supply the yachting panels with full IMO compliance for navigation and steering control.

BlackVelvet Advanced Design adds an attractive and truly seamless surface design and strongly contributes to a homogeneous look and feel of a whole bridge and navigation system. In addition, the panel solution helps increase awareness and simplify operation to ensure safe and convenient cruising under all environmental and prevalent lighting conditions.

### BENEFITS AT A GLANCE

- Seamless, attractive design of all bridge control devices
- Simplified operation and increased awareness
- Modular panel layout allows customizing solutions
- Proven subsystem technology as the base for advanced function
- One responsible contact for project management, integration and service



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