

VOLVO PENTA

AB Volvo Penta

Press Information

Volvo Penta delivers its latest innovative Glass Cockpit system for a fully customizable boating experience

The new generation of Glass Cockpit expands Volvo Penta's collaboration with Garmin for an advanced monitoring and control system that makes boating easier. And its clever application is now available for all sized boats.

Volvo Penta has taken boating to a new level of intelligent design with its upgraded Glass Cockpit system.

Glass Cockpit seamlessly encompasses the latest navigational technology from Garmin and Volvo Penta's Electronic Vessel Control system (EVC) to provide a state-of-the-art platform for the driver.



The award-winning all-in-one application was first launched in 2013, and in a continuing collaboration with Garmin, is now available for use with both the 7600 and 8600 series of

multi-functional displays (MFD) for a wider range of screens.

The enhanced Glass Cockpit system brings a range of benefits to customers, including:

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- Customized layouts so operators can decide when, where and which information is presented, to increase ease of use.
- Assigning customized layouts to particular buttons on the Volvo Penta control and joystick – by pressing an assigned button, the user activates automatic display of the information they want for any particular situation, enabling overall harmonization.
- Displays ranging from 7- to 24-inch screens – making the system now available for small sports boats up to large yachts.

What you want, how you want it

Integration of all functions into this innovative system means that drivers can access all operational and monitoring controls on one interface, and change layouts to suit their own particular requirements and wishes, at any given time.

Glass Cockpit can be fully customized for use by operators.



Certain boating functions, such as operating in reverse and using radar, require more focus. For example, by customizing information on layouts and linking them to the control and joystick, drivers can press an assigned button on the joystick which will bring up the docking camera view on the display.

Easy boating

“While developing the Glass Cockpit system, we had our goal ‘easy boating’ constantly in mind,” says Stefan Carlsson, head of Volvo Penta’s Marine Diesel segment.

“With Glass Cockpit you have access to everything that you need to know about the boat displayed on the screens in front of you – the status, the alarm, which functions are on or off, and features such as Autopilot.”

The all-in-one design removes the need for black boxes, extra monitors and external antennas.

“This is a tremendous simplification for the boat builder as well as the end-user,” adds Carlsson.

Wider range of use

Volvo Penta, with approximately 3,500 dealers in over 130 countries, is a world-leading and global manufacturer of engines and complete power systems for boats, vessels and industrial applications. The engine program comprises diesel and gasoline engines with power outputs of between 10 and 900 hp. Volvo Penta is part of the Volvo Group, one of the world’s leading manufacturers of heavy trucks, buses and construction equipment.

Glass Cockpit now offers Garmin's 7600 and 8600 series of multi-function displays (MFD) in sizes from 7 to 24-inches. The wider range of screens means that the application can be used by sports boats right up to large yachts.



Carlsson says: "Customers will now be able to benefit from a fully customizable system, which is also available in a wider range of sizes, making the technology more accessible for all Volvo Penta customers who own any sized boat."

The system can access all Garmin Marine Network capabilities including radar, sonar, chart-plotter, 3D maps, tide tables, instruments, FUSION-Link, sensors, digital switching, thermal cameras, GRID™ and more.

Award-winning system

Glass Cockpit received an innovation award at the International Boat-Builders' Exhibition and Conference (IBEX) shortly after its initial launch in 2013, and a DAME Design Award at the Marine Equipment Trade Show later that year.

The following year Volvo Penta was awarded the Asian Marine and Boating award for most innovative company, particularly for the Glass Cockpit concept, highlighting its advanced technology and design.

The Volvo Penta Glass Cockpit System will be available to purchase exclusively through the Volvo Penta distribution network later this year. Compatible radar, sonar and marine network accessories can be purchased from Garmin retailers.

Ends.

Image captions:

1. Volvo Penta's award-winning Glass Cockpit system.
2. Glass Cockpit is fully customizable for use by operators.
3. Glass Cockpit displays are available from 7-24 inches.

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