Finally all functions can be integrated into one or multiple touch screens without having to install several other instruments and components. For you, it means a clean and easy-to-use dashboard with enhanced overview and control. Integrated with the EVC system, the Volvo Penta Glass Cockpit gathers all navigation and engine information in one spot.

One look. One touch. One system.

The Volvo Penta Glass Cockpit takes onboard integration to a whole new level. It allows you to monitor and control all driver information, including navigation, engine data, warnings, alarms and EVC Easy boating features, in one or more customisable, high-tech, touchscreens.
CUSTOMISE LAYOUTS
Fully customisable layouts, data and gauges allow you to place the information you need to see, right where you want it. Choose between full, half or quarter view, from a variety of data overlays and how it should be distributed between multiple displays.

SMART MODE
You can store layout modes for different needs like “planing” or “docking”. Smart mode allows you to switch all screens at a helm in sync from one mode to another, without manually switching each screen separately.

LINK LAYOUTS TO THE JOYSTICK AND CONTROL
You can link layouts to buttons on the engine control and joystick. When you press an assigned button, all displays switch in sync to the linked layout. For example, when you press the "docking" button on the joystick the layout can change and show a docking camera view.

TOTAL INTEGRATION PROVIDES FULL CONTROL
All engine data, warnings, alarms and EVC Easy boating options such as Autopilot and Joystick driving are monitored and controlled through the Glass Cockpit system. It makes it easier for the driver to focus on what's important at the moment instead of looking at several different displays.

The driver will be notified by sound and pop-up message when functions are activated or de-activated or if any alarm needs attention.
"CAR-LIKE" MANNER
With the total EVC integration, all screens light up simultaneously, in a "car-like" manner when you power up the boat. All settings, including instrument dimming, are carried out concurrently at the helm and the fly bridge. You only need to set-up once.

AUTO GUIDANCE
This optional feature searches through all relevant charts to create a visual route you can follow – and avoid shallow water, buoys and other charted obstacles. Linked with the Volvo Penta autopilot, it will not only show you the way, but also take you there!

10 HZ GPS ANTENNA
A smart GPS19x antenna with 10 Hz GPS/GLONASS receiver updates position and heading 10 times per second to display a more fluid vessel movement and dramatically improves your ability to accurately mark and navigate to your waypoints.

ANTI-GLARE AND LED
Anti-glare and LED backlighting makes the Volvo Penta Glass Cockpit screens easy to view in bright sunlight. And auto-dimming provides outstanding visibility at night.

REMOTE CONTROL
An optional remote control can be integrated as a keyboard in the drivers chair or the dashboard for an ergonomic and low-profile controlling solution. This also allows a seamless navigation between multiple displays at a helmstation.

SD CARD READER
The card reader provides convenient access to two SD memory card slots for charts and software updates and data back-up. Multiple card readers can be installed. Waterproof magnetic door.

Pinch-to–zoom your chart, radar or sonar screens. With Glass Cockpit you can integrate almost everything you need.

NAVIGATION, COMMUNICATION AND MULTIMEDIA
Volvo Penta Glass Cockpit gives you access to the broad range of Garmin Marine system components and accessories. Almost everything you need can be integrated: radar, sonar, VHS, connectivity, apps and much more. All available at your fingertips, on your Glass Cockpit touchscreens.

Samples of compatible components and accessories

<table>
<thead>
<tr>
<th>Component/Accessory</th>
<th>Compatible</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garmin radar compatible</td>
<td>Yes</td>
</tr>
<tr>
<td>Garmin sonar compatible</td>
<td>Yes</td>
</tr>
<tr>
<td>Garmin Marine Network™ compatible</td>
<td>Yes</td>
</tr>
<tr>
<td>Supports AIS</td>
<td>Yes</td>
</tr>
<tr>
<td>Supports DSC</td>
<td>Yes</td>
</tr>
<tr>
<td>BlueChart g2/BlueChart g2 Vision</td>
<td>Yes</td>
</tr>
<tr>
<td>3-D map view</td>
<td>Yes</td>
</tr>
<tr>
<td>Auto Guidance</td>
<td>Yes</td>
</tr>
<tr>
<td>Tide tables</td>
<td>Yes</td>
</tr>
<tr>
<td>Sun and moon information</td>
<td>Yes</td>
</tr>
<tr>
<td>XM WX Weather &amp; Radio for U.S. &amp; Canada compatible</td>
<td>Yes</td>
</tr>
</tbody>
</table>

For advice and information regarding compatible charts, including BlueChart g2 Vision with Auto Guidance, software updates, compatible sonar and radar systems, communication systems and autopilot components, please contact your local authorised Garmin distributor and dealer.
GLASS COCKPIT

FEATURES AND BENEFITS:
• Fully integrated with the EVC system
• No additional interface
• Integrates EVC Easy boating options
• Gathers navigation and engine data
• Enhanced overview and control
• Customizable layouts
• Link layouts to the joystick and control
• Intuitive and easy to use
• Status bar with active functions and alarms
• Pop-up text messages
• Auto Guidance – takes you to your destination
• Switch all screens at a helm in sync
• Pinch-to-zoom screens
• Updates position and heading 10 times/sec
• Waterproof according to standard IPX7
• Plug and play system with Garmin components and accessories

FLEXIBLE SYSTEM
The Glass Cockpit system opens up a new world of possibilities for dashboard designs and is flexible enough to install in any boat type. Choose between Multifunction displays (MFD) with integrated processor or slim designed monitors with accompanying black box processor that can be installed in a separate location. All screens can be used alone or in combination of up to three units per helm station. For further flexibility it is possible to mix sizes and combine MDFs and monitors on the same network.

REQUIREMENTS:
• From EVC-E2
• Glass Cockpit are only sold as a complete system together with Volvo Penta engines.

The screens can be installed with either a low-profile flush mount or custom flat mount. The multifunction displays can also be fitted with bail mounting.

MULTIFUNCTION DISPLAYS (MFD)

<table>
<thead>
<tr>
<th>Size</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>8”</td>
<td>MFD 8008</td>
</tr>
<tr>
<td>12”</td>
<td>MFD 8012</td>
</tr>
<tr>
<td>15”</td>
<td>MFD 8015</td>
</tr>
</tbody>
</table>

MONITORS

<table>
<thead>
<tr>
<th>Size</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>15”</td>
<td>Monitor 150</td>
</tr>
<tr>
<td>17”</td>
<td>Monitor 170</td>
</tr>
<tr>
<td>19”</td>
<td>Monitor 190</td>
</tr>
</tbody>
</table>

The Volvo Penta Glass Cockpit range – Choose between 8”, 12” or 15” multifunction displays (MFD) with integrated processor or slim designed 15”, 17” and 19” monitors with accompanying black box processor.