Glass Cockpit integrates all driver information in one location. The multi-function, widescreen displays give you a full overview and total control – making your driving environment more harmonized.

Integrated with the Volvo Penta Electronic Vessel Control system (EVC), Glass Cockpit enables you to monitor and control information in one place via a single interface. It provides a full overview of navigation and engine data, together with Easy Boating functions such as Autopilot and Joystick driving.

Available from 7 to 24 inch, the display layouts are fully customizable so that you can decide when, where and how the information is presented. This increases your safety, awareness and enjoyment at sea.

Total integration from helm to prop.

A range of possibilities – whether you own a small sports cruiser or large motor yacht, there is Glass Cockpit system to suit your needs. Tailor made for your installation from 7 to 24 inch. With the option of up to three displays per helm station, you can further enhance your overview.
Total integration - the way you want it
The user-friendly Volvo Penta interface displays navigation data, engine monitoring, warnings, alarms and Easy Boating options such as Autopilot and Joystick Driving. To accommodate different driving styles you can customize the layouts and views making it easier for the driver to decide what, where and when information can be displayed. Certain situations require more focus on specific functions such as reversing cameras and radar. By pre-programming your layouts, you create a tailor-made display that shows important data and information in the way you want.

Fully customizable layouts and views. All active functions and alarms are displayed in the status bar (1). Information overlays can be placed anywhere on the display (2). Information can be divided up to six times with split screen function (3).

Link preset layouts to joystick and control
Customized layouts can be linked to specific buttons on the control and joystick. When you press an assigned button, screen layouts change automatically to the information you need for a specific scenario. For example, when you press the “docking” button on the joystick, the layout can change and show a docking camera view.
The Glass Cockpit System also includes built-in Wi-Fi to communicate with your smartphone or tablet. Pinch-to-zoom your chart, radar or sonar screens.

**View and control**
The Garmin Helm app allows passengers to view and control Glass Cockpit from a compatible smartphone or tablet while onboard. When using an iPhone or iPad, you can even record a movie of your chartplotter screen to share with friends and family.

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

**Samples of compatible components and accessories**

<table>
<thead>
<tr>
<th>Component</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>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>
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</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 authorized Garmin distributor and dealer.

**GPS antenna (10 Hz)**
A 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.

**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!
**GLASS COCKPIT**

Total integration via multi-function displays – designed for a wide variety of leisure boats.

**Features:**
- Fully integrated with the EVC system
- Integrates Easy boating options
- Plug n play system with Garmin components and accessories
- Gathers navigation and engine data
- Link layouts to joystick and control
- Switch all screens at a helm in sync
- Pinch-to-zoom screens
- Status bar with active functions and alarms
- Auto Guidance – takes you to your destination
- Updates position and heading 10 times/sec
- Waterproof according to standard IPX7
- Full HD widescreen touch display
- Built in Wi-Fi, ANT, BLE for wireless connectivity
- 4 wired Ethernet ports, NMEA 2000, HDMI and USB ports with complete network compatibility.
- Possibility to integrate with C-zone to get digital switching
- Pop-up text messages

**Benefits:**
- Intuitive and easy to use
- Enhanced overview and control
- One Touch Access
- No additional interface
- Customizable layouts
- Clone and reset settings easily
- One single supplier

**Requirements:**
- Requires EVC-E2
- Glass Cockpit are only sold as a complete system together with Volvo Penta engines.

Please contact your local Volvo Penta dealer for further information. Please note that products illustrated may differ from production models. Not all models and accessories are available in all markets, and standard equipment may vary between different markets. Every effort has been made to ensure that facts and figures are correct at the time of publication. However, Volvo Penta reserves the right to make changes without prior notice at any time.

**7600 series**

<table>
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<tr>
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<tr>
<td>7&quot;</td>
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<td>10&quot;</td>
<td>MFD 7610</td>
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<td>MFD 7612</td>
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<td>16&quot;</td>
<td>MFD 7616</td>
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**8600 series**

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<td>22&quot;</td>
<td>MFD 8622</td>
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<tr>
<td>24&quot;</td>
<td>MFD 8624</td>
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</table>

The Glass Cockpit multi-function displays (MFD) – available from 7 to 24 inches.