ECDIS NX Compact
Intuitive and future-proof ECDIS

The ECDIS NX Compact is a new ECDIS product, especially designed for the use in retrofits, supporting customers with unsurpassed user-friendliness and easy handling at a competitive price.

Key Benefits

- **Simplified installation**
  - Reliability right from the start, and reduced cost and efforts.
  - “Plug & play”: total installation time about 1 hour with prepared sensor cables
  - Software installation and update is done via USB, supported through Wizard
  - Four standard configurations prepared and selectable during installation
  - Hardware installation and cabling follows standard procedures

- **Easy familiarization for crews**
  - Intuitive to operate thanks to a modern, clear structured UI.
  - First „user-defined“ ECDIS software, designed under continuous feedback from navigators
  - Multi-touch and intuitive interaction patterns like point-to-chart, drag and drop or retractable panels
  - Quick access bar and wizard guided workflows for standard use cases
  - Embedded online user manual and free online type-specific ECDIS training

- **Secure & future-proof investment**
  - Ready for future: modular features and compliance with standards.
  - Future-proof hardware and operating system
  - Ongoing software compliance (e.g. new ECDIS test standards, such as S-100)
  - Growing scope of modular features, easy to update
  - Global service network in case you need help

Learn more

ECDIS NX is the first user-defined ECDIS in the market. Visit the website and experience the modern user interface and intuitive functions. www.raytheon-anschuetz.com/ecdis-nx-compact
**Main Features**

- Smart tools for voyage management, such as Wizard based route planning
- ETA calculation and speed of advance (SAO) for individual waypoints in UTC or local time
- Graphical editing of routes, supported through intuitive interaction patterns (e.g. drag’n drop)
- Editable look ahead zones for anti-collision, route monitoring and anti-grounding
- Filtering tools to reduce unnecessary alarms
- Support of Admiralty Information Overlay (AIO)
- Chart formats / availability: S-57/S-63 ENC (other formats as an option)
- Type approved acc. to IEC 61174 Ed. 4.0 and IHO Presentation Library S-52 Annex A Edition 4.0 incl. DNV GL certificates
- Dual ECDIS NX configuration:
  - Compliant for Paperless Navigation
  - Type approved as Track Control System acc. to IEC 62065 Ed. 2 with Anschütz NP5400 / NP5500 autopilots
  - Central chart and route management

**Plus Features**

- ARCS charts (optional)
- Radar video overlay (optional)
- Geo object events (optional)
24” Touch Panel-PC with ECDIS NX

- 24” Panel PC with multi-touch (incl. zoom)
- i7 Quad Core processor, 240 GB SSD, 8 GB RAM
- Display resolution 1920x1080 (16/9)
- 8 x IEC 61162-1 serial phoenix connectors (NMEA)
- USB thumb drive with software installation wizard
- IEC 61174 Ed. 4 type approved ECDIS NX software (Synapsis Ed. 5.xx)
- Ergonomic desktop trackball with scroll wheel, IP 68
- Mechanical connection kit for EMV-compliant cable strutting
- Identical cut out and table mount bracket as ECDIS24

In case of a legacy Raytheon Anschütz ECDIS 24 installation, the magicplex can still be used and easily connected via LAN to the new panel-pc.