



Navicom Dynamics

Innovate | Integrate | Communicate



ChannelPilot

ONE UNIT EVERY TRANSIT

From Pilot Plug to Full Independence.

ChannelPilot X is the next generation of portable pilotage technology, designed to adapt to the way pilots operate across different vessels, transits and environments. From ship-connected navigation to fully independent position, heading and ROT, CPX brings multiple operating modes into one compact, lightweight PPU - giving pilots the flexibility to use the level of independence they need for every transit.

ONE PPU. THREE MODES.

CLASS A DUAL POD



Autonomous Mode

Fully independent of Ownship sensors. Accurate position, heading and ROT using both the Position and Heading antennae. Integrated AIS receiver.

CLASS B SINGLE POD



Supported Mode

Independent position from Position antenna and ROT, with derived/refined heading obtained from ship's AIS transmitted heading.

CLASS C SINGLE POD



Dependent Mode

Position and heading determined using ship-supplied data via the AIS/Pilot Plug. ROT refined from heading input.

TECHNOLOGY THAT ADAPTS.



RTK LEVEL POSITION ACCURACY

Multi-band mGNSS (L1/L2/L5/L6) for high-precision positioning.



INTEGRATED AIS RECEIVER

Real-time vessel information at your fingertips.



MULTI-CONNECT CAPABILITY

Wi-Fi & cellular connectivity for simultaneous data sharing across multiple devices.



JAMMING & SPOOFING PROTECTION

Supports detection and mitigation of GNSS jamming and spoofing threats.



SMALLER. LIGHTER. FASTER.

Compact and lightweight, with setup in as little as 2 minutes.



UP TO 24 HOURS BATTERY LIFE

All day power for long transits and demanding operations.



IP 66 MARINE READY DESIGN

Built to perform in the harshest marine environments.



3 YEAR WARRANTY

Reliable performance, backed for three years.

BUILT AROUND THE PILOT.

Compact, lightweight and quick to deploy, ChannelPilot X is designed to make advanced navigation capability easier to carry, set up and use across different pilotage scenarios.



REQUEST A DEMO



ENGINEERED FOR **TODAY'S** PILOTAGE

Proudly designed and manufactured in New Zealand



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