

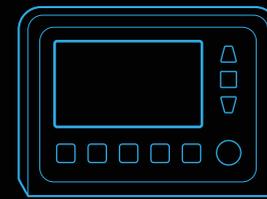
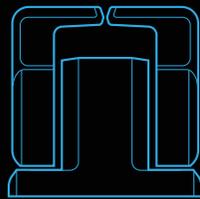
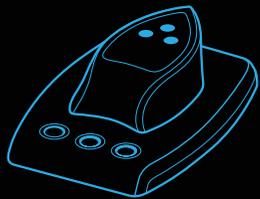


AVXX

ADVANCED VESSEL CONTROL

HAMILTONJET® UNDERSTAND THAT
YOUR VESSEL'S PERFORMANCE IS
MISSION-CRITICAL. THAT'S WHY OUR
MISSION IS TO DELIVER SYSTEMS THAT
WORK IN ANY SITUATION YOU FACE.

We have redefined marine waterjet control with the modular **AVX** suite, allowing you to configure a network of controls to meet the demands of your build. Whether that means maximising space with a compact installation, reducing operator fatigue with automated features, or ensuring safety with multiple system redundancies, **AVX** is the solution.



A D V A N C E D C O N T R O L



AVX allows seamless integration of advanced automation features through Mouseboat™. This simple, intuitive 3-Axis controller is perfect for low speed vessel manoeuvring and docking. Mouseboat™ is also an interface for our automated control systems to support the operator in challenging conditions.

JETanchor® is one such system, providing conventional Station Keeping and our innovative Virtual Anchor mode. It brings together automatic vessel position and heading control, and the power to hold a vessel on a fixed point, weather-vaning with wind and waves for stability and fuel efficiencies.

As we continue to develop new ways to ease operator load and maximise performance through automation, our **AVX** range will continue to grow. With experience equipping over 100 remote and autonomously controlled vessels, we're already focussed on future integration challenges.



**Virtual
Anchor**



**Take
Control**



**Station
Keeping**



D I R E C T I O N

An **AVX** helm unit is the centrepiece of many control stations. It can be fitted with a variety of wheels to suit your vessel fit out. A prominent 'Take Control' button communicates status and adjustable friction ensures feedback can be personalized to suit the vessel and operator.

FLUID POWER, FINGERTIP CONTROL

With so much power in a modern vessel, smooth, progressive control is essential.

AVX levers offer seamless management of engine RPM and reverse deflector position.

Whether you require separate control of throttle and reverse with two levers, for total flexibility, or a simple, combined lever setup, **AVX** has an option for you.



KNOWLEDGE IS POWER

AVX allows you to access the information you need, when you want it. An **AVX** display provides immediate feedback on system state and access to a range of critical functions and system settings. It also allows for integration with an array of common 3rd party autopilot systems.



K N O W L E D G E



C O N F I D E N C E

TAKE ON THE WORLD WITH CONFIDENCE

AVX Systems are built to endure the toughest conditions. The control modules use IP67 sealing for waterproofing, with extensive shock and vibration testing. Faults are rare, but the fault-tolerant, dual-redundant architecture builds in an always available secondary back-up should the primary network fail. There is also an entirely separate independent per-jet backup system.

Better yet, our global distributor network provide advanced support with parts on hand, and diagnostic tool functionality that enable fast trouble-shooting. No matter where you are **AVX** support is readily available.

STREAMLINE INSTALLATION

Our compact, lightweight **AVX** modules connect using a ladder structure, allowing multiple control stations with up to 6 jets. Cabling comes clearly labelled and fitted with top quality Swiss plug-in connections, delivering full-performance with less demands on space. Power is supplied by a dual connection to the battery bank in one location.



www.hamiltonjet.com

p : +64 3 962 0530
f : +64 3 962 0534
e : marketing@hamjet.co.nz

PO Box 709
Christchurch 8140
New Zealand

World Headquarters
HamiltonJet Global



For over 60 years HamiltonJet have specialised in delivering world-leading waterjet propulsion systems. We're uniquely lead by engineers with uncompromising standards, putting performance and endurance at the heart of everything we do. The result is a proven series of products that have built our name, and made us the most trusted experts in waterjet technology around the world.

Regional Offices

HamiltonJet Americas

14680 NE North Woodinville Way,
Suite 100, Woodinville WA 98072,
United States of America

p : +1425 527 3000
t : 800 423 3509
f : +1 425 527 9188
e : marketing@hamiltonjet.com

HamiltonJet EMEA

Unit 26, The Birches Industrial Estate,
East Grinstead, West Sussex RH19 1XZ,
United Kingdom

p : +44 1342 313 437
f : +44 1342 313 438
e : marketing@hamiltonjet.uk

HamiltonJet Asia

1 Toh Tuck Link
#04-01
Singapore 596222

p : +65 6567 2202
f : +65 6664 0251
e : marketing@hamiltonjet.sg