

ARC3010

ADAPTIVE STABILIZER CONTROL

DESCRIPTION:

The stabilizer control is the brain behind the stabilizer system. Collecting vessel roll and pitch motion data and instantaneous performance feedback, the stabilizer control system combines the necessary parameters to quickly comprehend vessel motions and to then instigate an immediate response. The control logic is capable of accounting for and compensating to various operating conditions. The control is capable of collecting ship's speed data via a NMEA 0183 interface for high speed use. Adaptive logic tailors the ride making the ARC3010 perfect for underway roll and pitch stabilization. This unit is designed for use with trim tab or Quantum's Archer systems.

FEATURES:

- **DUAL-MODE OPERATION:** The ARC3010 features an Automatic Mode, which accounts for vessel motions and adjusts the system response, without the need for continual manual adjustments. The control also offers full manual control for those situations in which manual input can result in improved performance.
- **EASY-TO-UNDERSTAND OPERATION:** The ARC3010 control head, which is to be mounted on the bridge for easy access, features an LED display of stabilizer activity, easy to use controls, and a dimmable display for nighttime navigation. System alarms can be displayed on the ARC3010 control head, or can be integrated with the ship's central alarm monitoring system.
- **SIMPLE INSTALLATION:** The control system is comprised of a minimal quantity of components, which are quickly and easily bolted into place.
- **SAFETY PRECAUTIONS:** To avoid damage to the stabilizer system, the ARC3010 automatically retracts the extendable foil in Quantum's Archer system during maneuvering operations.



Required Power Supply	24V DC
Length (control head)*	155mm (6.1")
Width (control head)*	245mm (9.6")
Depth (control head, excluding cables)*	147mm (5.8")

* Dimensions are of the equipment, and do not include service allowances.

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*Equipment is covered by Quantum's 1 year comprehensive warranty.
Service and technical support are available worldwide.*

