

# Domestic Next-Generation Trim Tab System

Yet another move to automate the role of the helmsman - Domestic's trim tab set and go.



The actuators can deal with heavy payloads and operate up to 4.25in in travel.



The multi-position digital display is intuitive to use.

Domestic's new auto trim tab system has been engineered to give owners of planing powerboats an easy point-and-shoot driving experience. Like the various auto trim systems already on the market, Domestic's trim tab system takes the headache out of getting the perfect trim for your boat.

Originally developed by SeaStar, it has now been rebranded under Domestic. This also means that SeaStar's Optimus joystick and EPS electronic steering system and electronic controls now come under the Domestic banner. As compatible components, they can be ordered and fitted as a complete package if need be. Domestic Marine claim to have refined what a trim tab system should be: robust, reliable, programmable, intuitive to operate and quick to respond with accurate positioning.

One of the many features this system provides is Control Area Network (CAN) operation, which allows for digital position commands instead of analogue operation. The intuitive dial control provides LEDs

that accurately indicate tab position and programmable settings, which makes it easy to obtain any preset or manual settings. The smart dial can also be operated manually to intuitively level the boat quickly as conditions change.

The CAN-based, intelligent actuator is the heart of this system, which Domestic see as their game changer over the competition. Boat manufacturers, dealers and boat owners themselves will be able to set modes like 'Hole Shot' that deploy the tabs based on RPM, and then retract to a desired position at planing speed. Additional features include Auto Retract when the operator selects Joystick Mode, turns the key off or engages reverse. This system's Safe Mode will also auto-retract the tabs if communication is lost. To ensure reliable performance in challenging conditions and on today's larger and heavier boats, this system features a higher load-carrying capacity, in both push and pull applications, and superior actuator sealing to prevent leaks.

Contact: [www.domestic.com](http://www.domestic.com)



A carry pouch is supplied.

## ODEO DISTRESS FLARE

Receiving the Queen's Award in April, the Odeo Digital Distress Flare is the latest-generation electronic visual distress signal device (eVDSD). It uses LED technology to display a red flicker, signalling distress, while also displaying the internationally recognised SOS signal. It lasts for nine hours (25% more than its mk3 predecessor) and has a built-in infrared light for search and rescue at night, giving the user the best chance of being seen. It also reduces the risk of possible burns, something not to be underestimated in a pitching life raft, and having an endless shelf life it does not have the problem of disposal that conventional pyrotechnics have. Being compact, it is easily carried and has a lanyard, and though it floats, being IP68 rated, it can be used for diving down to 50m. Due to its small size, it is also considered ideal for other adventure training activities like kayaking, climbing and hill walking. Power comes from either 4 x L91 lithium batteries or 4 x alkaline batteries. It will not be that long before 'electronic pyro' becomes a replacement for conventional flares, as new regulations are being considered by the US Coast Guard in this area, which will likely have an influence on this side of the Atlantic.

[www.daniamant.com](http://www.daniamant.com)