Easily upgrade your boats mechanical controls with the Glendinning Smart Actuator II™ electronic control system, supplied as an easy to fit kit, that will give finger tip, precise control of your engines shift and throttle functions.

The latest CANbus technology ensures a simple installation and setup and the stylish control head design will suit all dash styles.

All the key features that you would expect are included as standard, including one-touch automatic engine synchronization, control head drag and detent adjustment, start in gear protection, integrated trim control, etc.

Never before has it been so easy to order an electronic control system, with everything required for an installation on most boats included in a complete kit under one single part number.

- COMPLETE "UPGRADE" KIT - for easy replacement of all traditional mechanical shift and throttle controls.
- STYLISH - control head design.
- PRECISE and INTUITIVE OPERATION - finger tip control of engine, transmission and trim functions.
- LATEST CANBUS TECHNOLOGY - for easy installation and setup.
- MULTI ENGINE / MULTI STATION CAPABILITY
- AUTO SYNCHRONIZATION
- INTEGRATED TRIM CONTROL
**Complete Controls - Smart Actuator II™**

Electronic Control System for Inboards, Outboards and Stern Drives

**OUTBOARD / STERN DRIVE ENGINES**
- Mechanically controlled engine and transmission
- Integrated Trim Control
- Up to 6 stations possible
- Single station / Single engine shown

**INBOARD ENGINES**
- Mechanically controlled engine and transmission
- Trolling Valve control option
- Up to 6 stations possible
- Twin station / Twin engine shown

**SYSTEM FEATURES:**
- CANbus technology - true plug & play
- Simple installation and set up
- Fast, powerful actuators
- Start in gear protection
- Multi station capability (6 max.)
- Dual battery inputs - 12 and 24vDC
- Station lock out capability
- Coded diagnostics

**CONTROL HEADS:**
- Polished chrome covers and handles
- Easy, intuitive fingertip operation
- Drag and detent adjustments
- One touch auto engine synchronization
- Selectable transfer modes
- Dimmable LEDs

**“READY TO INSTALL” CONTROL SYSTEM KITS INCLUDE:**
- Actuators
- Master Control Head
- Station Harness - 40ft. [12m]
- DC Power Harness - 30ft. [9m]
- Start Interlock Harness - 20ft. [6m]
- Ignition Harness - 20ft. [6m]
- Tach Input Harness - 20ft. [6m]
- Trim Harness - 20ft. [6m]
- (Note: Actual harnesses vary by application. Complete itemized component list available upon request.)

**NEED TO ADD MORE CONTROL STATIONS?**
- Simply order:
  - Additional Station Control Head
  - Station Harness - lengths 5 - 120ft [1.5 - 36 m]

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SA2-1E-INBDxx</td>
<td>SINGLE Inboard Engine System - mechanical shift / mechanical throttle (xx = 12 or 24v DC)</td>
</tr>
<tr>
<td>SA2-2E-INBDxx</td>
<td>TWIN Inboard Engine System - mechanical shift / mechanical throttle (xx = 12 or 24v DC)</td>
</tr>
<tr>
<td>SA2-2E-INBDTRxx</td>
<td>TWIN Inboard Engine System - mechanical shift / mechanical throttle / trolling valve</td>
</tr>
<tr>
<td>SA2-1E-INB-STA</td>
<td>Additional Station Control Head - SINGLE Inboard engine</td>
</tr>
<tr>
<td>SA2-2E-INB-STA</td>
<td>Additional Station Control Head - TWIN Inboard engine</td>
</tr>
<tr>
<td>SA2-2E-INBTR-STA</td>
<td>Additional Station Control Head - TWIN Inboard engine Troll</td>
</tr>
<tr>
<td>SA2-1E-OBSDxx</td>
<td>SINGLE Outboard/Stern Drive Engine System - mechanical shift / mechanical throttle / Trim control</td>
</tr>
<tr>
<td>SA2-2E-OBSDxx</td>
<td>TWIN Outboard/Stern Drive Engine System - mechanical shift / mechanical throttle / Trim control</td>
</tr>
<tr>
<td>SA2-3E-OBSDxx</td>
<td>TRIPLE Outboard/Stern Drive Engine System - mechanical shift / mechanical throttle / Trim control</td>
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<tr>
<td>SA2-1E-OBSD-STA</td>
<td>Additional Station Control Head - SINGLE Outboard/Stern Drive engine</td>
</tr>
<tr>
<td>SA2-2E-OBSD-STA</td>
<td>Additional Station Control Head - TWIN Outboard/Stern Drive engine</td>
</tr>
<tr>
<td>SA2-3E-OBSD-STA</td>
<td>Additional Station Kit - TRIPLE Outboard/Stern Drive engine (incl. control head and switchpanels)</td>
</tr>
<tr>
<td>11600-02-xx</td>
<td>Station Harness - xx = length in feet (5, 10, 20, 30, 40, 60, 80, 100, 120)</td>
</tr>
</tbody>
</table>

For more information contact our sales engineer or your local Glendinning dealer today!