

i7800electronic

ENGINE CONTROL SYSTEM



Suitable for engines with mechanical shift and throttle.

All in one actuator housing contains both shift and throttle actuators.

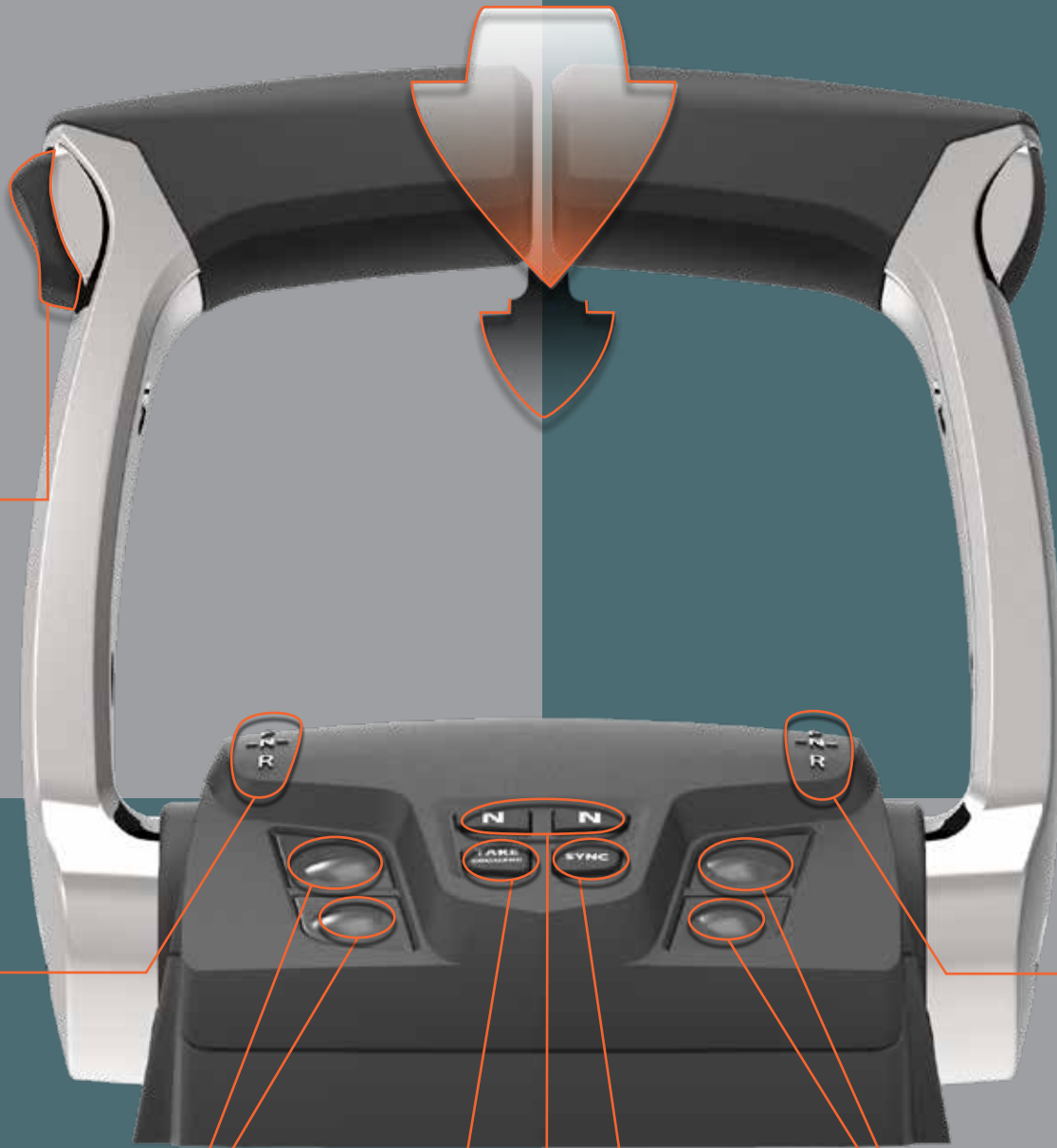
Single or twin engine applications. Inboard, IO and Outboard.

Supports up to three stations.

Integrated trolling mode.



dual engine control head



Universal trim

Trim feature integrated into the handle

Handle position

Handle position

Indicator lights

Indicator lights

Modes of operation

Modes of operation

Switch between stations

Single handle control for dual engines

Mode selection

Engine warm-up, Trolling mode

electroniccontrols

Available in single or twin handle with or without universal trim. Systems kits are available based on the number of engines to be controlled and for single station applications. When a second or third station is needed, kits are available that include the parts for that 2nd or 3rd station. Connectivity is simply made via the CANbus harness. Additional stations can be added by selecting from the 'Additional Stations' list.

Control Head Styling

The control heads are ergonomically designed for maximum comfort and control. Available with or without universal trim switches, they each also include easily adjustable drag and detent adjustment pins to suit the operator's preference.

Applications

- Suitable for all engines with mechanical shift and mechanical throttle.
- Single or twin engine applications.
- Inboard, IO and Outboard.
- Supports up to three stations.



up to three stations

Features

- Mechanical override "get home" feature
- Trolling mode
- Add a station kits available - total of 3 stations
- Meets: ABYC P-24, CE, EN 60945
- Neutral warm-up
- Dual engine RPM synchronization for single handle operation
- Incorporates neutral start protection
- Adjustable control lever drag and detent settings
- Works on 12v systems
- Programmable shift delay
- Comes with 30' of harness to connect actuators to control head
- Utilizes standard CCX633xx type control cables
- Xtreme type recommended
- Optional independent trim switches (HA5491)

Style, Control and Functionality

The simple to install i7800 electronic control system replaces the existing mechanical control system. Why wrestle with your mechanical controls when you can have the benefits of electronic controls for a fraction of the cost of a new engine.

The smooth movement of the electronic controls enables much greater handling of the throttle and a fluid transition between gears. This translates into better control of the boat in all applications ranging from sport fishing and cruisers to commercial vessels. You will find it hard to go back to mechanical controls after the smooth and reliable response you get from the i7800 electronic controls. Regardless of the type of engine and drive, i7800 can provide precise control and comfort for your boating application.

Single Lever Operation

The ability to synchronize the engines and control cruise with one lever is incredibly useful. This feature enhances your boating experience by making it easier to control your boat regardless of the speed.



single **engine** control head

Rugged performance

The i7800 electronic control system combines advanced electronics with over 50 years of mechanical engine control “know-how” into a system that’s the perfect enhancement to nearly any boat/engine combination. SeaStar Solutions has led the way in electronic engine control technology, and has developed their work alongside world class engine manufacturers. The i7800 is not only rugged and reliable, but is suitable for all mechanical throttle/mechanical shift applications.



trolling **mode**

Control Your Boat, Your Depth, Your Success

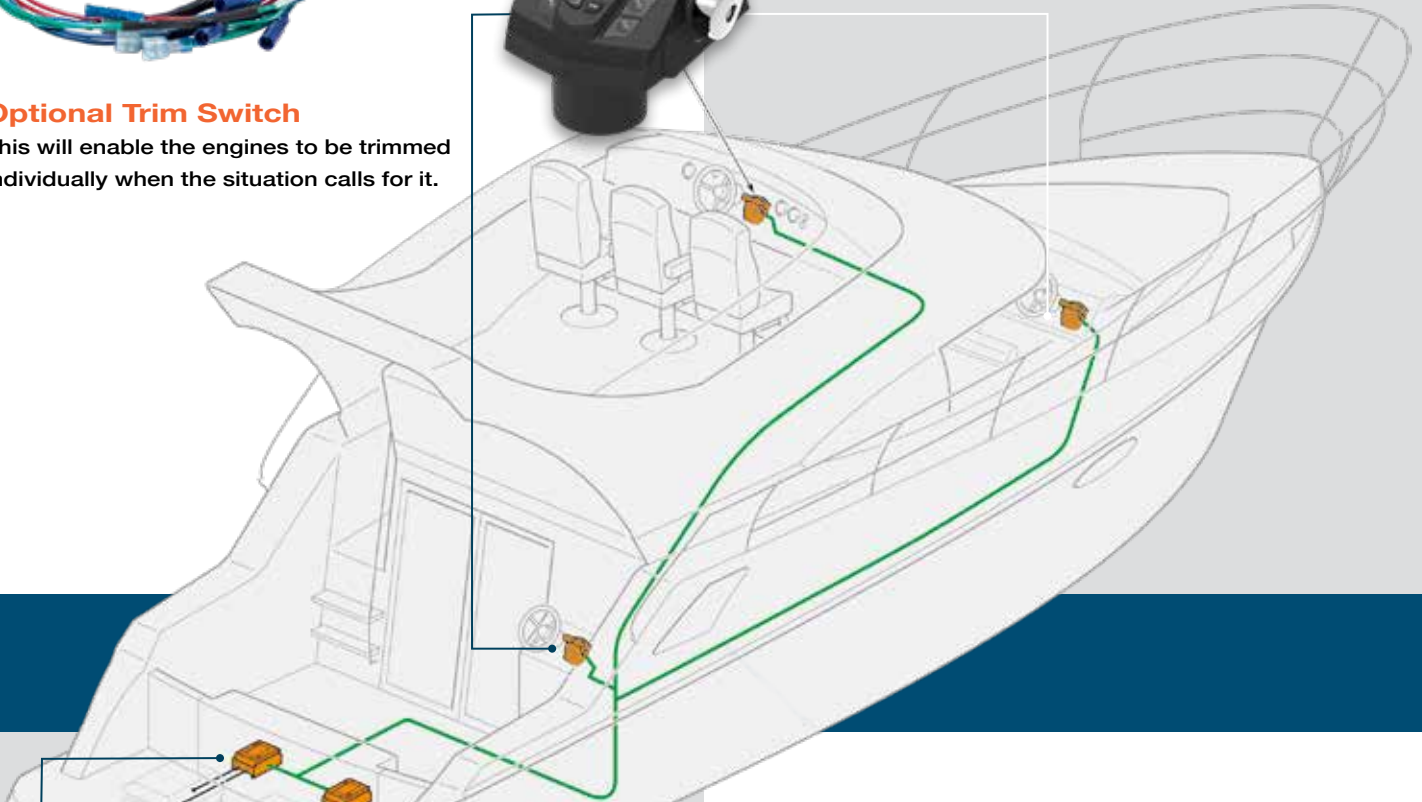
The trolling mode is a unique feature that is built into the control system and does not require additional components. Imagine you are trolling and trying to find that perfect speed to catch that big fish. When placing the control into trolling mode by simply selecting the mode, you now have greater resolution of the throttle from 0-50%. You no longer have to fight the controls to be at that perfect speed.

Dual Station



Optional Trim Switch

This will enable the engines to be trimmed individually when the situation calls for it.



NOTES:

- Requires EST Display setup tool for configuration (EPSK1207).
- Control cables ordered separately.
- Additional CAN cable lengths are available.
- Compatible with Optimus 360, Contact SeaStar Solutions for Information on upgrading.
- Please refer to i7800 Electronic Control datasheet for specifications.

Shift and Throttle Actuators

The NEW i7700 actuator contains both the shift and throttle actuator within one compact housing and are not only powerful enough to manage the shift and throttle functions on the most extreme applications, they are also exceedingly responsive and robust. The actuators are linked to the control heads via a single 1/4" (6mm) CANbus cable making cable routing incredibly easy. In addition, the i7700 actuators have a mechanical back up "get home" feature which allows simple manual control should the need arise.

TOOL REQUIRED TO SET UP SYSTEM		<i>Requires EST Display setup tool for configuration (EPSK1207)</i>			
Base Systems – Single Station Kits	Kit Part #	i7811	i7851	i7812	i7852
		Single Engine	Single Engine with Trim	Dual Engine	Dual Engine with Trim
ACTUATORS					
Actuator, i7700 Universal	AC7700	1	1	2	2
CONTROL HEAD KITS					
Single Top Mount, Control Head Kit	CH7810NT	1	-	-	-
Single Top Mount, Control Head Kit, with Trim	CH7810	-	1	-	-
Dual Top Mount Control Head Kit	CH7800NT	-	-	1	-
Dual Top Mount Control Head Kit, with Trim	CH7800	-	-	-	1
HARNESSES/TEES					
NMEA Communication Kit (2 tees, 1 male and 1 female terminator)	CM20001	1	1	1	1
Single CanBus Tee	CM10060	-	-	1	1
Micro C Ext, M-F (6ft CAN bus harness)	CM10006	1	1	1	1
Micro C Ext, M-F (12ft CAN bus harness)	CM10012	1	1	1	1
Micro C Ext, M-F (20ft CAN bus harness)	CM10020	1	1	1	1
MANUALS					
Book # 79 i7700 User Manual (stand alone)	710465	1	1	1	1
Book # 77 i7700 Installation Manual	710351	1	1	1	1
Quick Ref. – Single	710038	1	1	-	-
Quick Ref. – Dual	710013	-	-	1	1
OPTIONAL ACCESSORIES					
Dual trim switch panel for independent operation	HA5491	-	-	-	-

Additional Stations Kits	Kit Part #	i7811A	i7851A	i7812A	i7852A
		Single Engine	Single Engine with Trim	Dual Engine	Dual Engine with Trim
CONTROL HEAD KITS					
Single Top Mount, Control Head Kit	CH7810NT	1	-	-	-
Single Top Mount, Control Head Kit, with Trim	CH7810	-	1	-	-
Dual Top Mount Control Head Kit	CH7800NT	-	-	1	-
Dual Top Mount Control Head Kit, with Trim	CH7800	-	-	-	1
HARNESSES/TEES					
Single Tee	CM10060	1	1	1	1
Micro C Ext, M-F (30ft CAN bus harness)	CM10030	1	1	1	1

