

We think globally, we act locally.



## HIGHLIGHTS:

- Programmable Speedometer/Tachometer with graphic display
- Four-line graphic display message center with functions for hourmeter, rpm, speed, voltage, fuel level, diagnostic fault codes and more
- Configurable Speedometer/Tachometer software manages multiple inputs from a range of boat sub-systems
- Built-in self-test diagnostics for easy identification of fault
- Configurable 117mm combination gauges
- Configurable 85mm and 52mm gauges
- Universal warning bank modules provide additional input/output capacity
- Dial face customized to artwork specifications
- Bezel color customized to specifications
- Choice of LED backlighting colors
- LED warning indicators in 117mm, 85mm or 52mm gauges
- Reduced wiring for easy installation

## Marine Instrumentation for the Next Generation of Watercraft

### MARINE INSTRUMENTATION

ACTIA's marine product line delivers a wide array of instrumentation features that are durable, high quality and value driven. ACTIA's complete line of electronic marine instruments will dramatically change the way boat operators view their dashboard.

ACTIA instruments are designed to operate with SmartCraft, NMEA 2000 and J1939 databus protocol systems. The use of stepper motors and a microcontrollers create instruments that are able to process both digital and analog information from marine engines and their related systems.

### AVAILABLE ACTIA MARINE INSTRUMENTS

Instruments are available in Master 117mm or 85mm gauges; Secondary 117mm 4-in-1, 3-in-1 combo gauge; and Secondary 85mm or 52mm gauges:

- Speedometer
- Oil Pressure
- Fuel Level
- Trim
- Oil Temperature
- Engine Sync
- Tachometer
- Voltmeter
- Water Temperature
- Water Pressure
- Boost Pressure
- Others gauges available upon request

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## TECHNICAL SPECIFICATIONS

- VOLTAGE:** 12V and 24V
- INPUTS:** 6 Binary and 8 Analog
- OUTPUTS:** 2 Binary, 1 Buzzer/Alarm
- DATABUS:** J1939, J1708, NMEA 2000, SmartCraft, LIN
- DISPLAY:** Sunlight Readable Graphic LCD
- SINGLE LENS:** Anti-Fogging, anti-scratch polycarbonate
- BACKLIGHT:** LEDs, multiple colors available
- PROTECTION:** Water Resistant (Front and Back)
- OPERATING TEMP:** -40C to +85C (Display -20C to +70C)
- MOUNTING HOLE SIZES AVAILABLE:** 117mm (4.65"), 85mm (3.39"), 52mm (2.086")
- DEPTH BEHIND BEZEL:** 117mm and 85mm gauges = 59mm (2.30"), 52mm gauges = 53mm (2.10")
- BEZELS:** High impact ABS plastic, multiple color choices available
- THREADED MOUNTING RING:** High impact ABS plastic



117mm



85mm

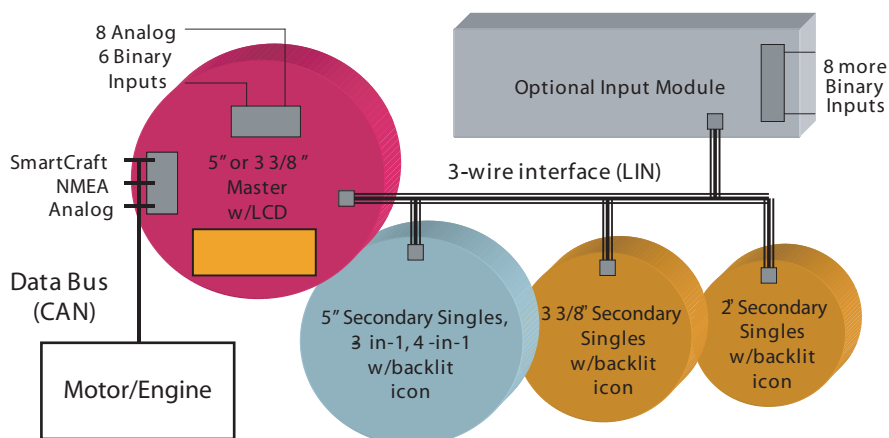


52mm

## ACTIA INSTRUMENT SYSTEMS

ACTIA instruments use the speedometer or the tachometer in a master/secondary relationship with the other dashboard instruments. The master gauge is the gateway to the boat's databus (NMEA 2000 or SmartCraft). It reads information from the databus or directly through numerous inputs and controls all other instruments and warning lights accordingly:

### INSTRUMENT SYSTEM SCHEMATIC



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