

Lenco and Bennett Trim Tab Owners...

Can you automatically level your boat?



Upgrade your trim tab control to automatically level your boat...

- ✓ *Automatically adjusts existing trim tabs to maintain a level boat*
- ✓ *Eliminates the need for a power module box (ALC-1 only)*
- ✓ *Improves fuel efficiency*
- ✓ *Completely sealed and waterproof*

FEATURES

- Microprocessor based automatic leveling trim tab control with LED tab position indicators
- Controls roll and pitch automatically
- Internal GPS - no GPS antenna or network required
- Automatically adapts to varying sea conditions
- Completely sealed and waterproof (IP68)
- UV protected - will not deteriorate in sunlight
- Prevents automatic corrections while turning
- Designed for planing and semi displacement hulls $\geq 20\text{ft}$
- Maintains correct attitude when running stepped hulls
- Actuators connect directly to ALC-1 display panel (no external power module box required)
- Automatically dims LED tab position indicators in darkness and brightens in sunlight
- Automatically retracts trim tabs when boat is off plane or using optional key switch connection
- Dual station operation available (ALC-1D and ALC-2D does require external power module)
- Operates on 10 to 30 Volts DC
- 2 Year Warranty
- CE Approved (Compliance with EMC regulations)

SPECIFICATIONS

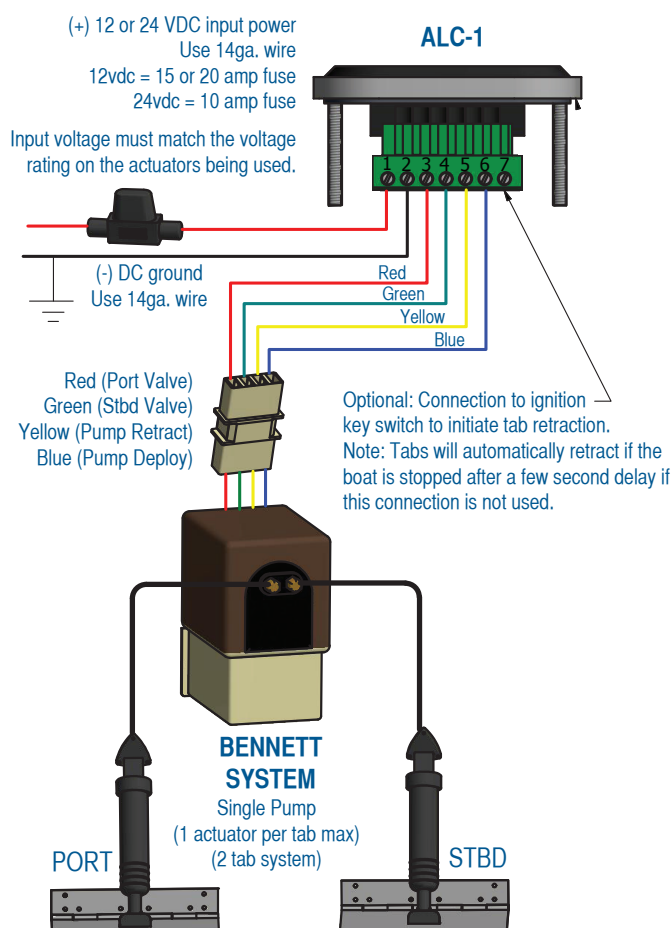
Model Number	Display Color	Number of Stations	Actuators per tab plate	Overall Width	Overall Height/ Thickness	Mounting Hole Cutout (Diameter)	DC Voltage	Fuse Size Power Input (1 Actuator per Tab)	Fuse Size Power Input (2 Actuators per Tab)
ALC-1	Black	1	1	3.15" / 80mm	3.0"(77mm) / 0.437"(11mm)	2"/50mm	12/24	12vdc = 15 amp 24vdc = 10 amp	N/A
ALC-2D	Black	1 or 2	2	3.15" / 80mm	3.0"(77mm) / 0.437"(11mm)	2"/50mm	12/24	N/A	12vdc = 30 amp 24vdc = 20 amp
ALC-1D	Black	1 or 2	1	3.15" / 80mm	3.0"(77mm) / 0.437"(11mm)	2"/50mm	12/24	12vdc = 15 amp 24vdc = 10 amp	N/A
ALC-2S	Black	2nd station display	N/A	3.15" / 80mm	3.0"(77mm) / 0.437"(11mm)	2"/50mm	12/24	N/A	N/A



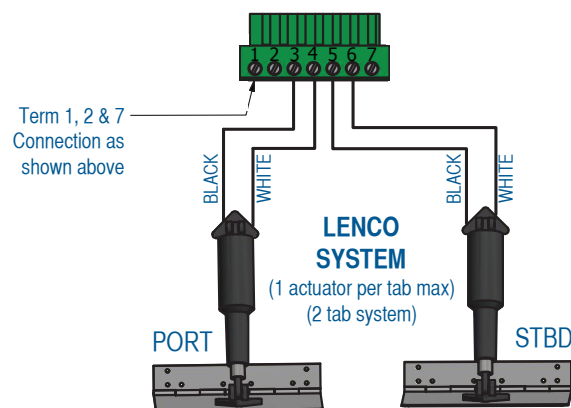
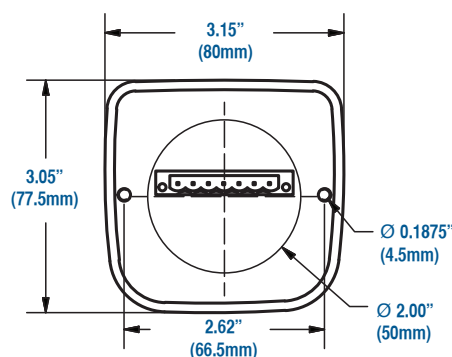
Automatic Leveling Control



AUTO LEVELING CONTROL WIRING - Bennett and Lenco Systems



Mounting and wiring terminal hole sizes and location.



AUTO LEVELING CONTROL (ALC) PROGRAMMING

Program Mode Sequence				
Function	Enter	Button Hold	Adjustment	Store Memory
Calibration	BOW UP + BOW DOWN	12s	Begin calibration	N/A
Attitude Set	N/A	N/A	Adjust tabs to best attitude	Press AUTO 4s
Gain Adjust	RIGHT + LEFT	4s	BOW UP + BOW DOWN	RIGHT + LEFT 4s

ADDITIONAL OPERATION FEATURES

- Press AUTO to enter automatic leveling
- Press AUTO mode again to enter manual mode so tabs may be adjusted manually
- The ALC incorporates an “Adaptive system” to maintain optimum running attitude in varying sea conditions
- Reducing speeds below planing speed the ALC will not attempt to control attitude
- The ALC automatically starts correcting attitude during acceleration