

INITIATING THE SURESHADE ATF-SG INTELLIGENT CONTROL BOX (ICB)

The SureShade ATF-SG “Intelligent Control Box” or ICB was designed for plug & play setup. It is factory-programmed to the specified extension length and ships in “Operation Mode”. In other words, it's ready to go.

This document contains the proper sequence for initiating the ICB when installing the ATF-SG shade on the boat. Please make sure the actuators are properly mounted and ICB secured before proceeding with these steps.

1. Plug in **BOAT POWER** to the ICB. Refer to LED light on the control box –The LED will flash a sequence of **GREEN** then **YELLOW** then **RED** lights. For example, a controller set up as a 6’ extension Silent Glide will flash 6 green, 1 yellow and then 3 red. The controller will repeat 3 reds letting you know there are no motors or encoders present. Once you have the 3 reds you are ready to proceed.

NOTE:

- If the LED flashes **YELLOW** at this step (prior to connecting either actuator), you have either an incorrectly wired rocker switch, or a stuck switch relay. **DO NOT PROCEED WITH CONNECTING ACTUATORS UNTIL YOU HAVE THE LED blinking RED 3 times.**
- If the LED stays a solid **YELLOW** at this step (prior to connecting either actuator) you do not have sufficient voltage (less than 9.4V) – the shade will not run at any voltage under 10V.

2. Plug the starboard actuator connector into the **GREEN STARBOARD (STBD) CONNECTOR** on ICB. Refer to the LED light on the control box – when the light blinks **RED 1 time**, you have successfully connected the Starboard actuator to the ICB and can proceed.
3. Plug in the other actuator connector to the **ORANGE PORT CONNECTOR** on the ICB. Refer to the LED light on the control box – when the light remains **SOLID GREEN**, you have successfully connected the Port actuator to the ICB and you have completed the initiation of the ICB.
4. Last step in the initialization of the ICB is the most important one. Please extend the shade a few inches and perform a “Hard Home Reset”.

HARD HOME RESET PROCEDURE:

In the event the shade does not return all the way to its home position and a retract command does not resolve this issue, a Forced Hard Home can be initiated. After power up, press both extend and retract buttons simultaneously on the remote for more than 13 seconds, hold until the shade returns to the home location, count to 3 then release. The status LED will be **SOLID RED** when both buttons are depressed then **SOLID GREEN** when the reset is accomplished.

When you simultaneously press 1 & 2 on key fob light should turn **SOLID BLUE** and LED on control box should turn **SOLID RED**. If this does not occur, try depressing the number 2 button 1/10th of a second before the number 1 button.

****A hard home reset is always required to be performed in the event you are having a technical issue. Please unplug all connectors to the controller. Leave the controller unplugged for 30 seconds. Go through the initialization process to confirm there is no fault in the controller itself, then perform a Hard Home Reset. This will reset the controller once both actuators return to the full home position. After completing the Hard Home Reset, the unit should extend to programmed length with no issue. ****

PAIRING THE REMOTE KEY FOB

** This procedure is only necessary if the fob/ controller pairing was lost or this factory setup step was missed**

For the pairing process, you have 5-7 seconds to perform the steps below or the controller will exit programming mode.

STEP 1

Make sure actuators are disconnected.

STEP 2

Press ext on rocker switch for 3-4 seconds until status LED lights **SOLID YELLOW**

STEP 3

Hit retract 3 times (status LED will blink **YELLOW** with each press of rocker switch.)

STEP 4

Hit ext 1 time (status LED should be solid **RED**) this will mean the controller is in learn mode. Press either button on remote, LED will flash **GREEN**. Remote is now programmed.

STEP 5

Hook actuators back up and complete initialization process and make sure you have a solid **GREEN** status light.

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