

ShoreStation Controller 6.0

Owner's Guide



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<https://shorestation.com/controller-support>

System Overview

Overview: The ShoreStation 6.0 Control System gives you complete control of your ShoreStation boat lift, ShoreScreen curtain, and canopy lights via three access points: the onboard keypad, wireless remote, and ShoreStation app.

Key Components

Components:

- **Keypad** – Main control interface mounted dockside, used for locking/unlocking, controlling lift, screen, and lights, tilt adjusting, and pairing devices.
- **Wireless Remote** – Handheld control for lift, screen, lights, and tilt adjust. Operates from up to 300 feet.
- **Bluetooth App** – Short-range control for all compatible equipment. Ideal for use from the dock or in the lift.
- **Controller** – The electronic unit managing all signals between the keypad, remote, app, and lift components.
- **Battery Power Supply** – Typically two 12V lead acid batteries in series (24VDC). In some setups, a single 12V battery is used.

System States

Wireless State (Default):

- Padlock LED on keypad: Slow flashing **blue**
- Lift cannot be operated from keypad, but ShoreScreen and light shortcuts are active.
- Full control from remote or app.

Unlocked State:

- Padlock LED on keypad: Solid **green**
- Entered by pressing red Lock button + 4-digit code.
- Full control from keypad.

Total Lock State:

- Padlock LED on keypad: Slow flashing **red**
- No device can operate equipment.
- Entered from either Wireless or Unlocked State by holding red Lock button for 3 seconds, then entering code.

Using the Keypad

Unlocking

- Press red Lock button, enter 4-digit code (default 1234).
- No physical key. Code replaces universal key.

Function Modes

- Mode 1: Lift
- Mode 2: ShoreScreen
- Mode 3: Canopy Lights
- Mode 4: Unused

Shortcuts in Wireless State

- Press & hold UP/DOWN = Raise/lower ShoreScreen.
- Press "3" button (light icon) = Toggle canopy lights.

Tilt Adjust

- Hold "1" button (tilt icon) + UP/DOWN.
- For permanent lifts (two cylinders). Keypad must be unlocked.

Locking Keypad

- Returns to Wireless State after 5 minutes of inactivity.
- Manually enter Wireless State by simply pressing the red LOCK button.

Set Custom 4-Digit Security Code

- Unlock keypad and hold Mode and 4 (padlock LED will slowly toggle between green and red).
- Enter custom 4-digit code. Padlock LED will confirm new code with fast-flashing red/green.

Total Lock

- Hold Lock button for 3 seconds, enter 4-digit code
- No equipment can be operated with any device until keypad is unlocked again

LED Indicator Reference (Keypad)

Padlock LED

- Slow flashing blue = Wireless
- Solid green = Unlocked
- Slow flashing red = Total Lock

Battery LED

- Solid green = ~100%
- Flashing green = <75%
- Solid red = <50%
- Flashing red = <25%

Mode LEDs (1–4)

- Solid red = Active mode (idle)
- Flashing red = Active mode (in use)



Using the Wireless Remote

Basic Operation

- Open lid to wake.
- Starts in Mode 1 (Lift).
- Mode button cycles through Modes 1–3.
 - Active mode on the remote is independent from active mode on the keypad.
- UP/DOWN runs equipment.

Battery Indication

- Red LEDs will show remaining remote battery life for 2 seconds after opening the lid
 - 4 lights: 75-100%
 - 3 lights: 50-75%
 - 2 lights: 25-50%
 - 1 light: 0-25%
- After 2 seconds, the red LED will go back to indicating the currently active Mode



Light/Tilt-Adjust Button

- **When in “Light” Mode:** Press to toggle canopy lights.
 - Mode-Indicator LED will be slow-flashing red when in this state
- **When in “Tilt-Adjust” Mode:** Hold button + UP/DOWN to adjust tilt (permanent lifts only).
 - Mode-Indicator LED will be solid red when in this state
- **Toggle Between Modes:** Hold Light/Tilt-Adjust + MODE for 3 seconds.

Sleep

- Close lid.

Range

- Up to 300 ft in ideal conditions.

Batteries

- Remote takes two A23 batteries

Using the ShoreStation App

Connect Tab

- Lists keypads in range
- Connect to a keypad when it is in pairing mode

Light Tab

- On/Off buttons for canopy lights (if installed)
- Can be hidden in settings

Up/Down Tab

- Controls lift and/or ShoreScreen (Up and Down button for each)
- Can be hidden in settings

Lift Adjust Tab

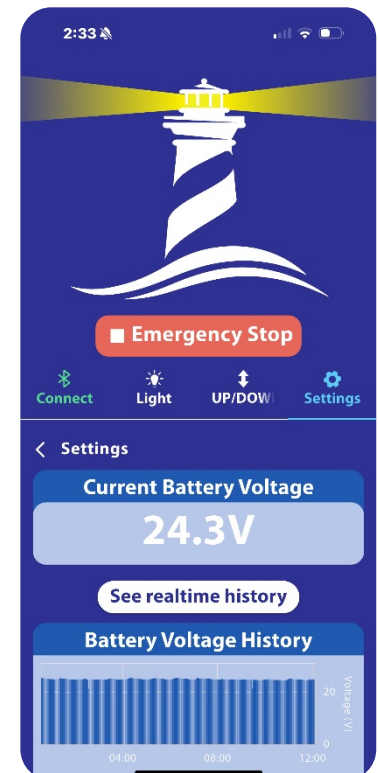
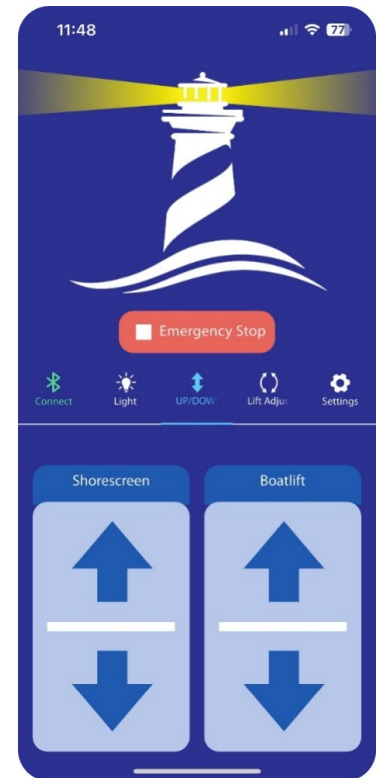
- Permanent Lifts only
- Rotate left button and rotate right button to level the lift
- Hidden by default

PWC Lift Tab

- Not used – hidden by default

Settings Tab

- Battery Voltage
 - Shows live voltage and daily history
 - Can be used as a “load tester”
 - History is erased whenever the system loses power
- Active Equipment
 - Toggle on/off Lift, ShoreScreen, Lights, Lift Adjust, and PWC Lift
- Light Shutoff Delay
 - Set 5, 15, or 30 minutes auto shutoff on lights
- System Information
 - Model, hardware, firmware info
 - Over-the-air firmware updates



Pairing Devices

Remote

1. Unlock keypad.
2. Enter pairing mode (hold Mode + 2)
 1. Blue LED flashing on padlock light
3. Select the pairing slot position (1, 2, 3, or 4)
 1. Press to select, hold to clear
4. Press UP on remote.
 1. Slot LED goes solid red = paired.
5. Exit pairing mode: Press Mode button or wait 30 seconds for auto-exit.



Notes

- Clearing a memory slot: Enter pairing mode, hold slot number until LED shuts off.
 1. Example: if a slot contains a non-working remote, clear it, then re-pair it

App

1. Unlock keypad and enter pairing mode (hold Mode + 2)
2. In Connect tab, press "Find Keypad" and then "Connect" on the keypad that appears in the list
 1. If multiple systems appear, only the one in pairing mode will connect
3. Exit pairing mode on keypad (press Mode or wait 30 seconds)
4. Optional: Rename system in Settings > Device Name
 1. Quicker, personalized identification
 2. Default name: "ShoreStation Keypad XXXX" where XXXX is the system's unique ID

Notes

- System remembers 10 devices. Pairing an 11th clears all previous devices.
- Only one Bluetooth device can connect at a time.
 - If unable to connect, ensure no other device is connected.
- To disconnect manually, use the Disconnect button in the Connect tab.
 - Device will disconnect from system automatically when out of range
- Clearing all Bluetooth devices out of memory:
 - Enter pairing mode
 - Hold UP arrow until blue LED pulses twice



Emergency Stop (E-Stop)

Stopping Equipment

- Press red Lock button anytime

Lockout

- Lasts 30 seconds; padlock and battery LEDs flash red
- Resets to Wireless State automatically

Tilt Adjust Function

Purpose

- For permanent lifts only, to re-level lift.

How to Tilt-Adjust

- Remote: Hold Tilt-Adjust Button (while in Tilt-Adjust State) + UP/DOWN
- Keypad: Hold "1" + UP/DOWN (when unlocked)
- App: Enable "Lift Adjust" in Settings

System Compatibility & Upgrades

Compatibility

- ShoreStation Hydraulic Lifts 5,000 lbs+

Details on Upgrading to 6.0

- New electronic components (keypad, controller box, remote)
- New motor harness (aka pump box harness)
- Keypad replaces all toggle switches and key switches

Troubleshooting

Remote not working

- Check battery, pairing slot, clear/re-pair.
- Remote takes two A23 batteries

App won't connect

- Ensure keypad in pairing mode, check Bluetooth, confirm no other device connected.

Low battery LED on keypad

- Troubleshoot charging system. Charge/replace batteries.



Support

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