



## Quick Install Notes (2016-June 04)

- Check dock frame and water for stray voltage prior to working on any dock.



- **Metal Floating Docks:** Mount on post above outlet. Verify that the dock frame is properly bonded to safety ground (green wire). Attach the ground sensing wire from the Dock Lifeguard to dock frame and/or electrical receptacle ground. If dock frame is not bonded tie ground sensing wire to dock frame and to safety ground of receptacle.

- **Wood Pier Docks:** Attach ground sensing wire from Dock Lifeguard through weep hole in receptacle box and tie to safety ground of receptacle. **Note:** You must have a continuous ground

from the Dock Lifeguard to the ground rod at shore and/or the disconnect panel at shore.



- **Ground Rod Resistance:** Proper grounding is key to electrical safety. Ground rod resistance should be 25 Ohms or less to meet NEC code. If Ground Rod resistance is above this level, Dock Lifeguard may show a low voltage with one or two LEDs illuminated. Adding an additional grounding rod should resolve this issue, if not check ground for back feed from house.

- **Probe Installation:** Do not install probe next to underwater bracing or anchor cables. The sensing probe lead wire can be lengthened to allow proper location of the probe. We recommend placing the probe closer to the area where swimming activity will be. The sensing probe wire should not be run parallel to other wires to avoid cross coupling.

- **Installation Videos:** Go to our DockLifeguard.com website and under the Technical menu item and select "Install Video". Username: install Password: saveslives
- **Sensitivity:** Internal Jumpers allow for increasing the sensitivity level of the unit. Contact your Dock Lifeguard representative for details or video can be seen at the Install Video page on the website.
- **Alarm Volume:** Volume of the siren can be adjusted by twisting the clear ring that on the outside of the red alarm light.

\*\*\* Always check Dock Lifeguard's Website for latest Installation Notes \*\*\*\*\*