

TITLE: Sanger Software Update Procedure

Requirements to perform software update:

- Blank 2.0 USB stick with a format of FAT32
- A quality consistent battery power source for the boat electrical system
- In a safe and secure location (Not floating on a river or lake) with sufficient time to complete the process (approximately 5 minutes)

USB update

- Prep USB with update file
 - Load the proper file onto the ROOT directory of the USB stick ensuring no other files are present on the USB and the update file name is named app.hex.
 - Insert the USB stick with the file on the programming harness on the back of the display
- Perform Update
 - On the 7-inch or 8-inch screen locate the settings button In the settings. The button is located on the upper right of the screen. (Image 1)
 - menu select the **SYSTEM** (Image 2)
 - Next select **SOFTWARE** (Image 3)
 - Next select the **UPDATE** button to start the process (Image 4)
 - As a last step before programming a confirmation is required. (Image 5)
 - Pressing **YES** will start the updating process.
 - During the Good process you will see 5 screens. After the completion, the system will automatically reset. See Images 6 – 10
 - After the reset the update is complete it is safe to remove the USB stick from the display module. All old settings should still be present.
 - If the process fails, you will see images 11 and 12
 - This is usually caused by an incompatible USB stick. Make sure the USB stick meet the requirements above. If it does than a different USB stick may be required.
 - You may also see this error if the power is shut off before the update is complete. If this occurs, you will need power reset with the USB attached. The system will load the file and reset after complete.

Image 1



Image 2



Image 3



Image 4



Image 5



Image 6



Image 7

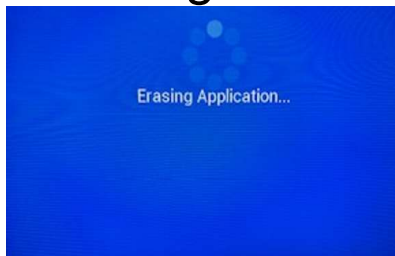


Image 8



Image 9



Image 10

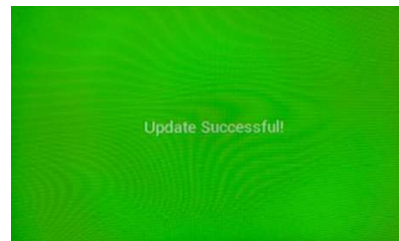


Image 11

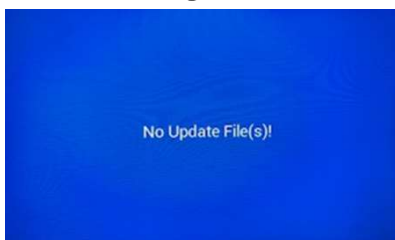


Image 12

