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Windows Utility

System Requirements

The utility requires .NET framework to be installed on the PC and will communicate over the same USB connection but via the HID-HID data pipe channel, no special drivers are required.

Compatibility

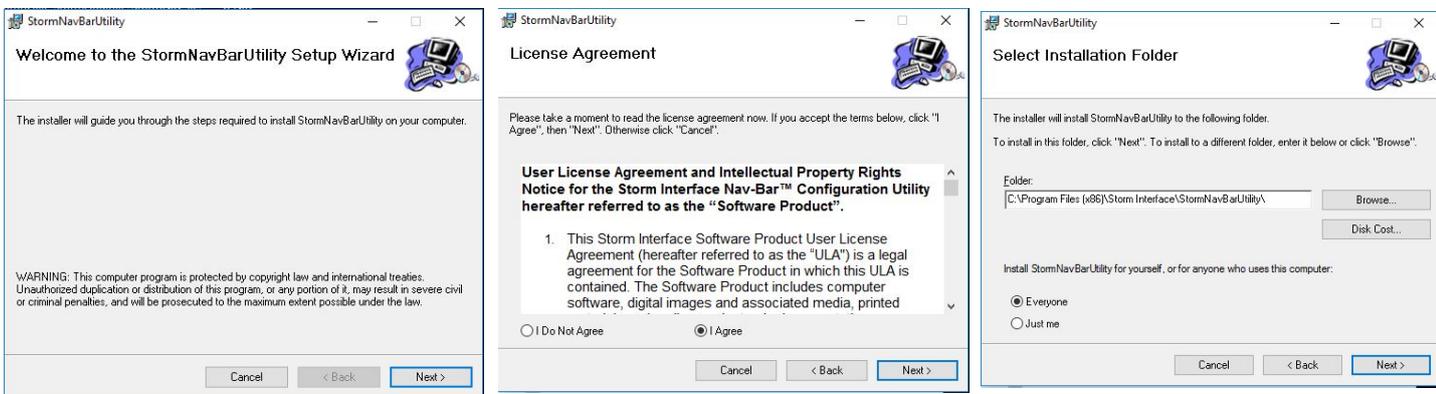
- Windows 11 ✓
- Windows 10 ✓

The utility can be used to configure the product for:

- LED brightness (0 to 9) 0 – off and 9 – full brightness.
- Load customised NavBar™ table.
- Write default values from volatile memory to flash.
- Reset to factory default.
- Load Firmware.

Installing the Utility

To install the StormNavBarUtility click on the setup.exe (windows installer package) and follow instructions as below:

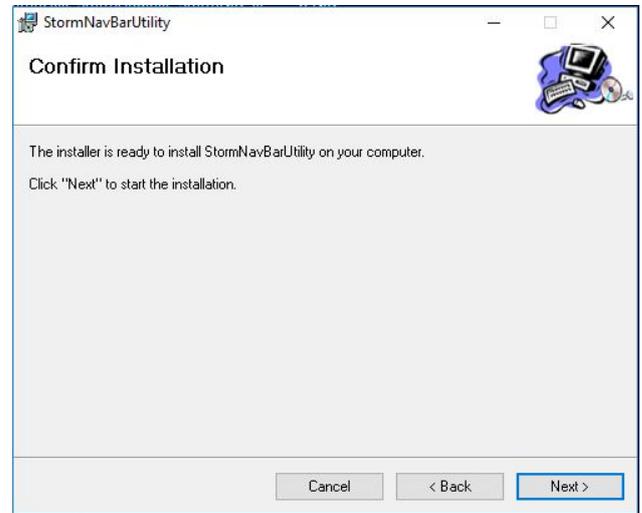


Click on “Next” to accept the license agreement.

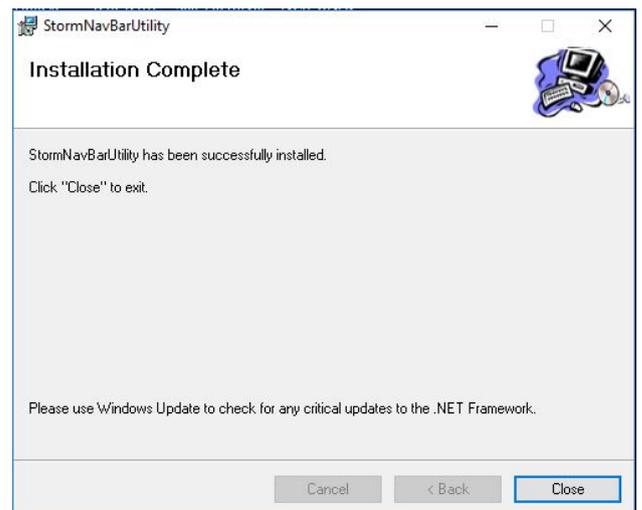
Select if you would like to install for just you or everyone and select location (Browse) if you do not want to install at the default location.

Then click on “Next”.

Click on “Next” and the installation process will start.



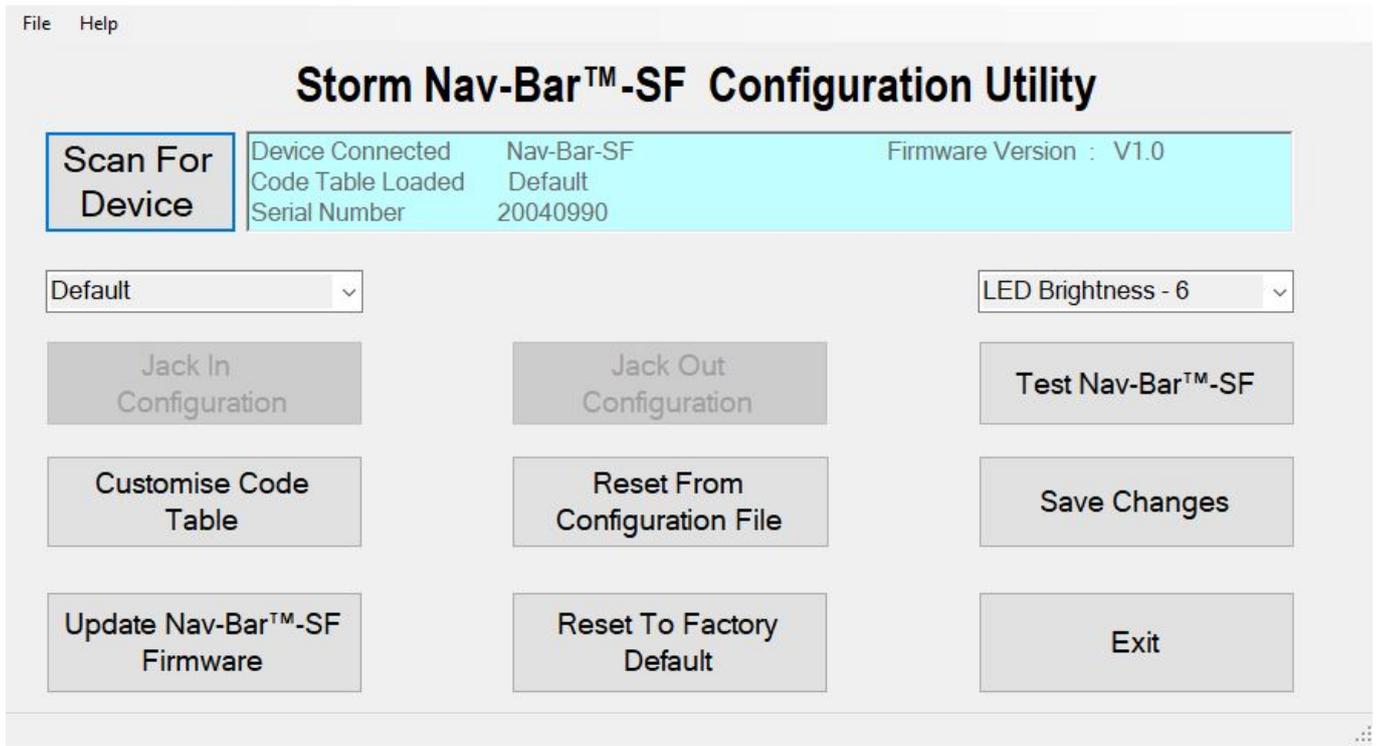
Click on “Close” for a successful installation.



Using the Utility

Click on SCAN for DEVICE - when the NavBar is connected it will be detected on the home screen.

Storm Nav-Bar™-SF Configuration Utility



Changing the LED brightness

The user can change the LED brightness from low to high by selecting the LED Brightness and selecting from 1 to 9.

NB: Remember to save any required changes otherwise they will be lost when the application is closed or the NavBar™ is disconnected.

Customising the Key Codes

If you need specific key codes then use the Customised Table

Select “Customised Table” then “Customise code”

To customise a key, click on it and the “Select Code” combo box will appear.



Select the code you require from the dropdown list

Once a code is selected, the button’s background colour will display the new code selected.

Repeat for the other keys

Press Apply to send the new codes to the keypad

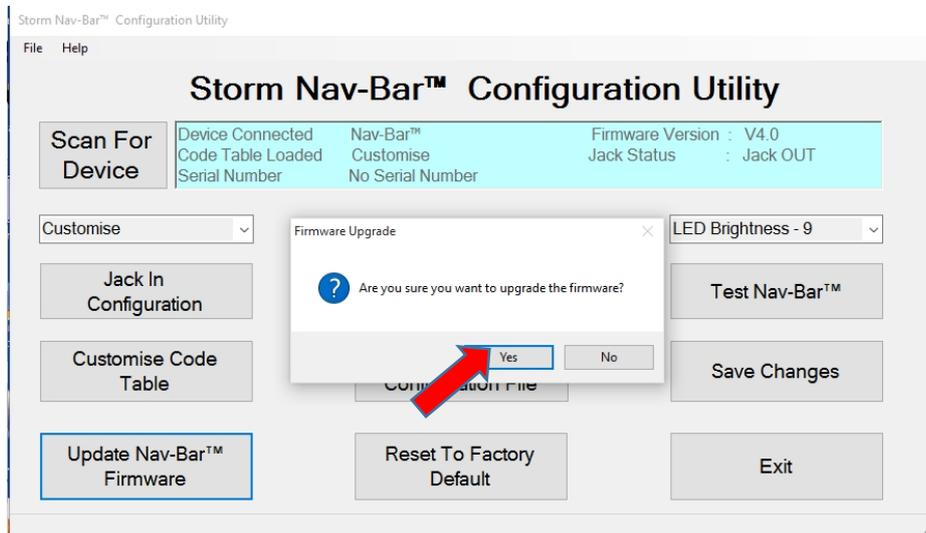


Don't forget to SAVE YOUR CHANGES

Upgrading the Firmware

To upgrade the firmware, click on “Update NavBar™ Firmware” button the screen below will be displayed

Click on “Yes”



After a few seconds the “Browse” and “Upgrade” button will be enabled.

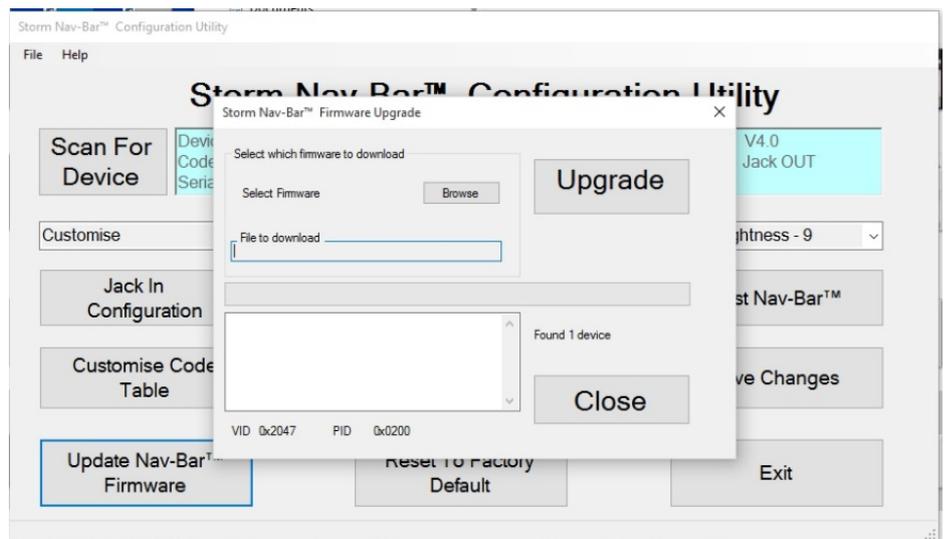
(If both buttons are greyed out then **reset** the unit and retry)

Click on the “Browse” button and navigate to the firmware file. Click “Open” to select.

Then click on “Upgrade”.

Do not disconnect the cable while the upgrade is in progress.

Once unit has upgraded to the new firmware, the NavBar™ will auto reboot and the new firmware version will be displayed on the utility.



Reset Procedure

Unplug the USB cable for the NavBar™ from the PC, use a paperclip through the hole where indicated to press the reset switch on NavBar™ and keep it pressed.



Plug the USB cable into the PC and release the switch. The “Browse” and “Upgrade” button should now be enabled



Reset to factory defaults

Clicking on “Factory Default” will set the NavBar™ with values that are pre-set.

NAVBAR™ – default table

LED brightness – 9

Change History

Instructions for	<u>Date</u>	<u>Version</u>	<u>Details</u>
Configuration Utility	15 Aug 24	1.0	First Release (split out from Tech Manual)

Configuration Utility	<u>Date</u>	<u>Version</u>	<u>Details</u>
	21 Jan 20	7.0	Supports NavBar and NavBar SF
	01 feb 22	7.1	New user agreement

Product Firmware	<u>Date</u>	<u>Version</u>	<u>Details</u>
	21 Jan 20	NBM v1.0	First Release