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Storm Interface AudioComm Module Owner's Manual

Storm Interface AudioComm Module

Contents

Important Information

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Using the Windows Utility to change USB Codes

If any other keypad utility software is installed (e.g EZ-Key Utility) then you should un-install that before you start.

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.
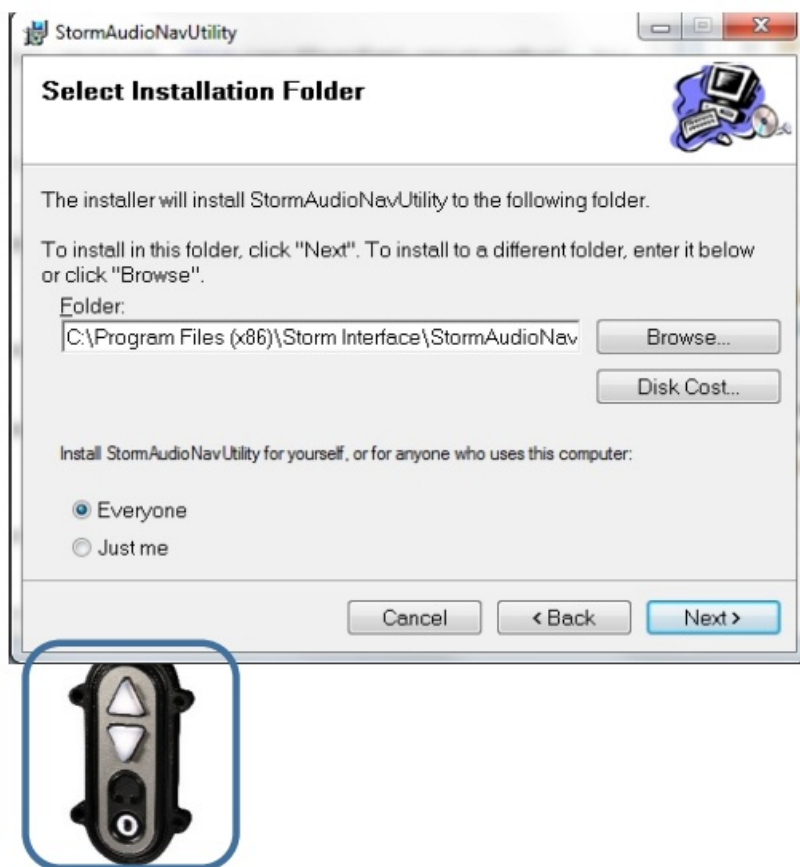
Compatibility

Windows 11 ✔
Windows 10 ✔

- The utility can be used to configure the product to
- Select Code Table
- LED brightness (0 to 9)
- Test
- Create customised keypad table
- Load a saved configuration from file
  Reset to factory default
- Update Firmware

Installing the Configuration Utility

To install the Configuration Utility **doubleclick on the downloaded .exe file and the Setup Wizard will launch**

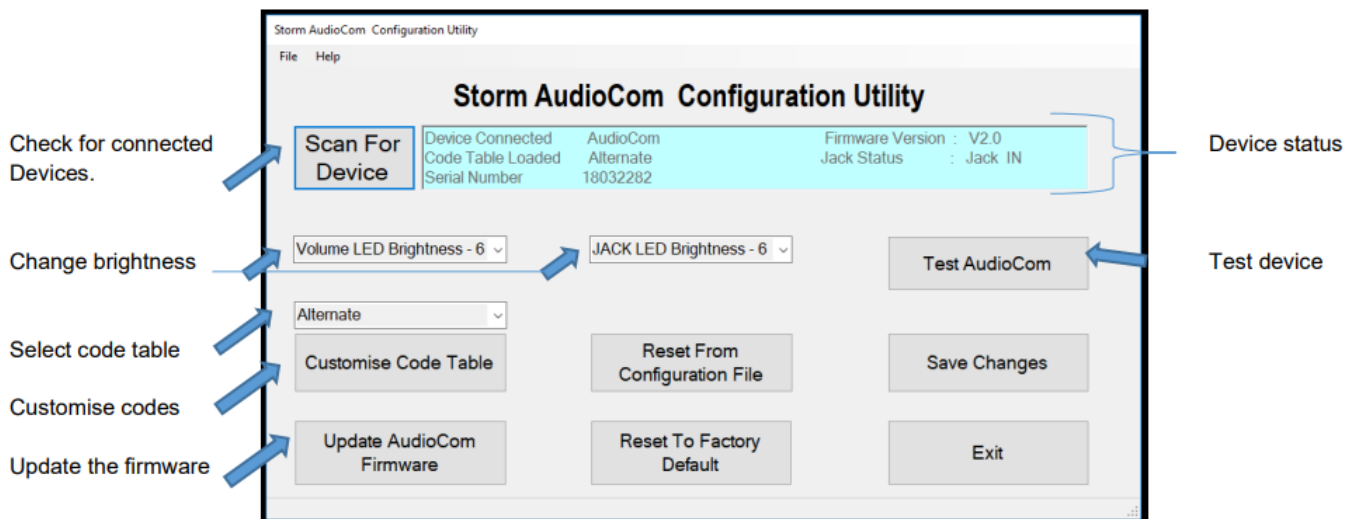Select the folder where you would like this installed

Choose you would like to install for all users of this pc (everyone) or just yourself (just me)

Click Next to start the installation
On complete a shortcut will be installed on your desktop.

Double-click this to start the Utility and the following screen will appear. If an Audio Comm is connected it will be detected automatically and the details displayed. The available functions are described in detail on the following pages
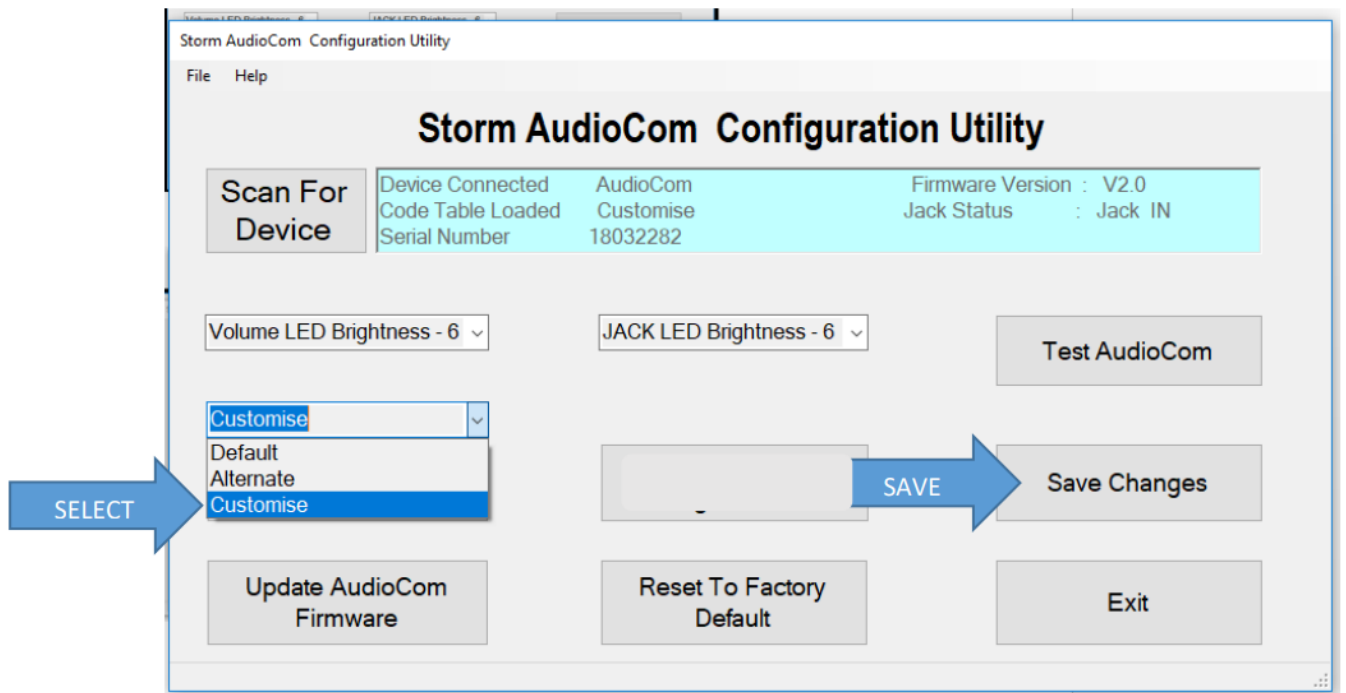
Select Code Table

The user can select from three tables:

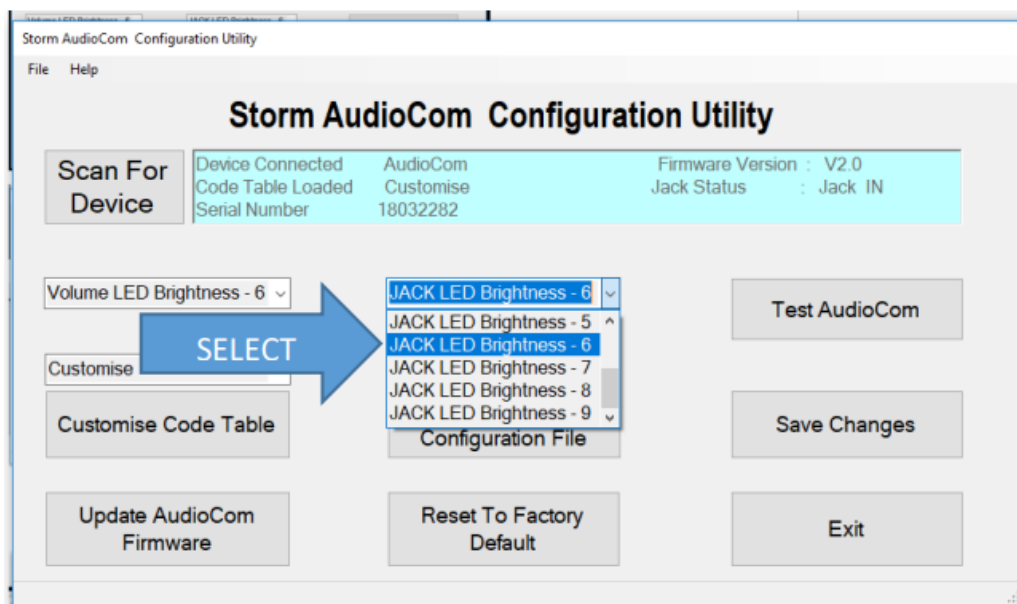|	DEFAULT CODE TABLE		ALTERNATE CODE TABLE		CUSTOMISED CODE TABLE	
Function	Hex	USB	Hex	USB		
Uo	0x52	Up Arrow	<0x01><0x02>	Multimedia Vol Up	Up Arrow	
Down	0x51	Down Arrow	<0x01><0x04>	Multimedia Vol Down	Down Arrow	Set initially to the factory default values
Jack IN	0x6A	F15	0x6A	F15	F15	
Jack OUT	0x6B	F16	0x6B	F16	F16	

Once a table has been selected then the keypad will hold that configuration unless it is disconnected.

Once the keypad has been disconnected that configuration will be lost unless you save the configuration in memory by clicking on "Save Changes"
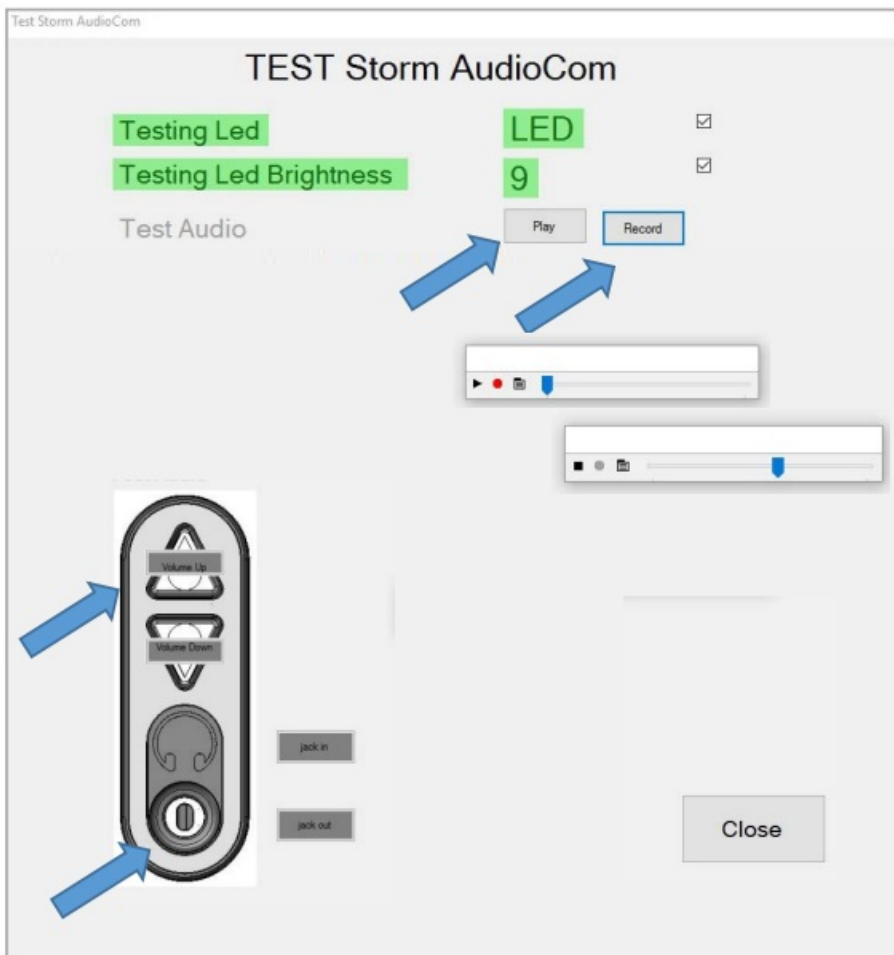
LED Brightness

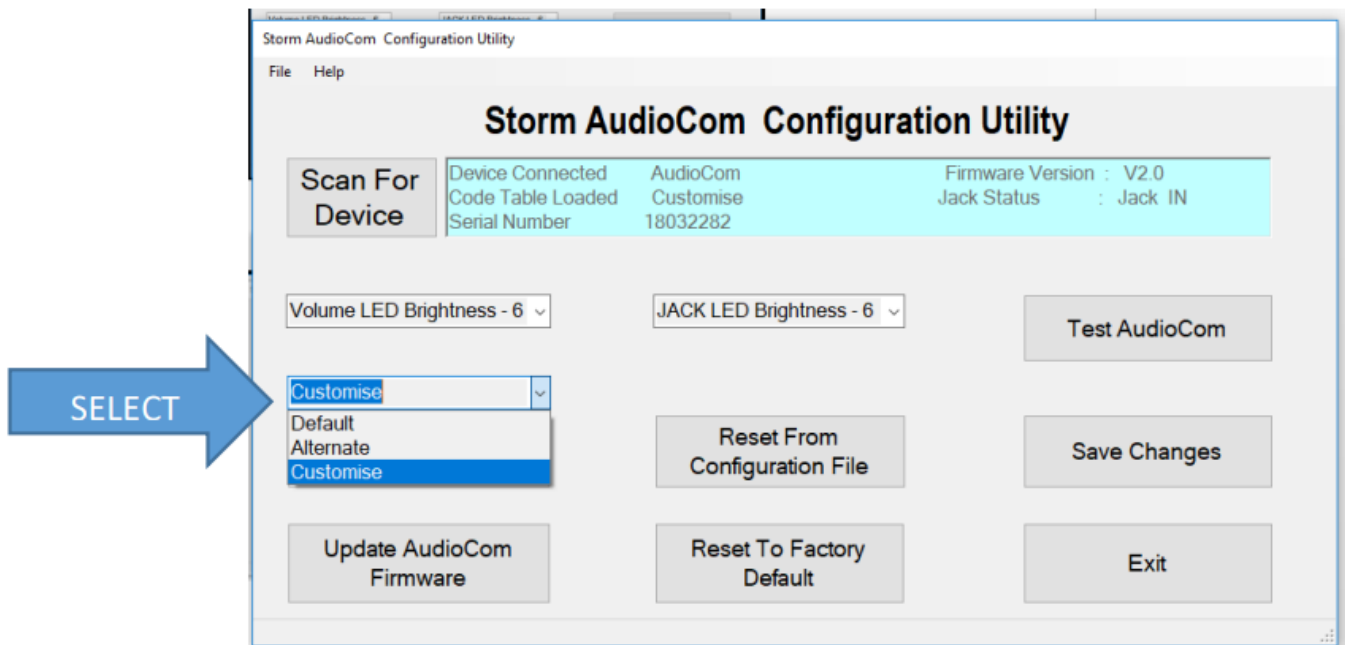This will set the brightness of the LEDs. The selection is from 0 to 9.
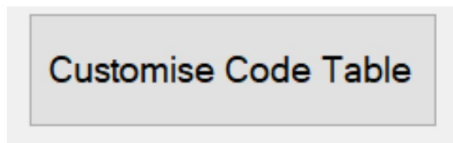

Test

This will test all the functions

- LEDs will flash
- LED brightness will cycle
  Test Audio
- Plug in headphones
- Listen to Audio
- Press Record , Start. speak into microphone – you will see the progress bar
  Test Keys, Jack In. Out
- Press Up and Down keys Vol Up / Down will confirm
- Remove / Insert headphones Jack In / Out will confirm

Press close when finished.

Customise Code Table

Select the Customise table, and then click on

Note that Multimedia Control Codes (Vol Up / Down) are not available in Customised Table.
The following will be displayed when "Customise code" is clicked.
The current customised code table will be displayed from memory on the keypad.
Attached to each key is another button ("NONE"), this shows the modifier for each key.
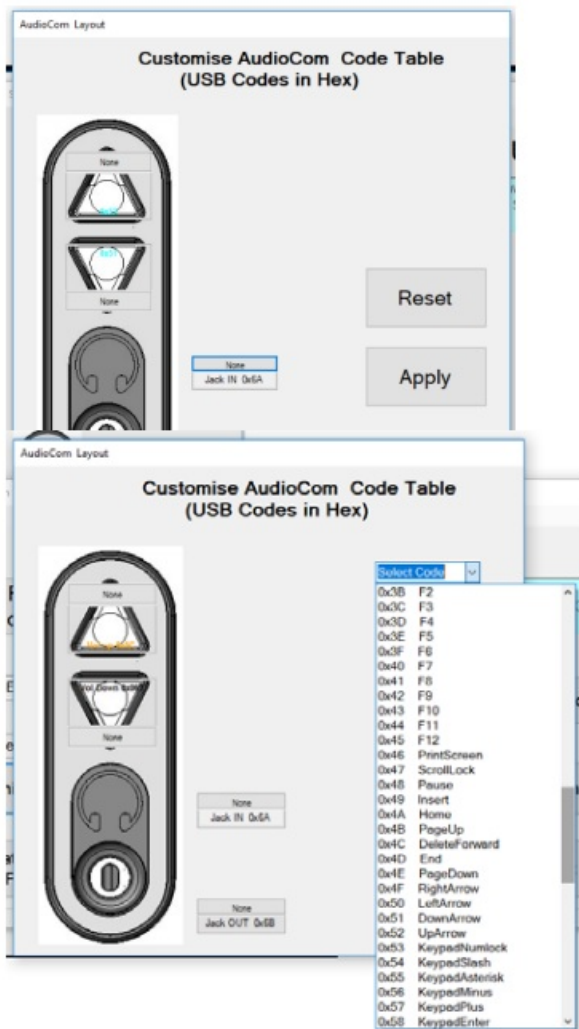To customize a key, click on the key and Key Code combo box will appear, with "Select Code".
Now press on the down arrow on the combo box:
This will display all the codes that can be selected.
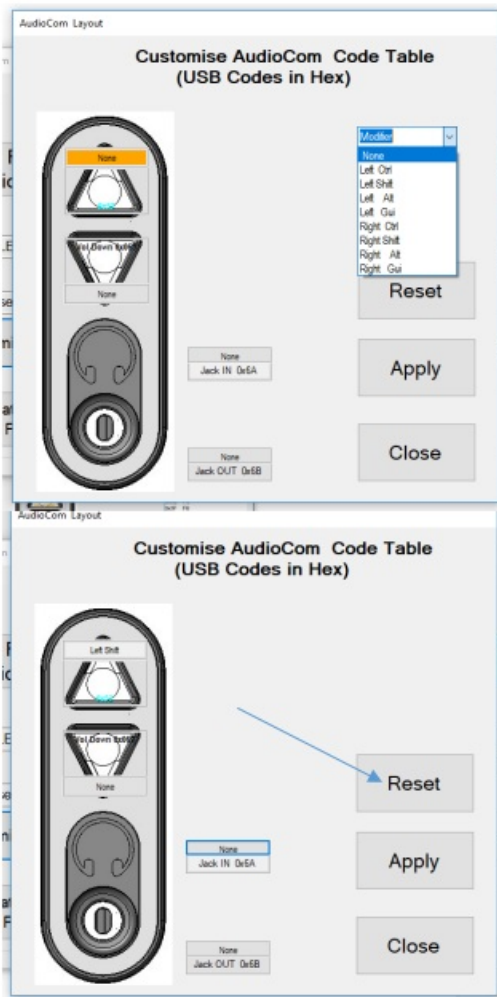
These codes are the ones defined by USB.org.
Once code is selected, the code will be displayed on the selected button.
In this example I have selected "e" and code is represented by 0x08 and button colour will change to Aqua.

Press the "Apply" button and the code will be sent to the AUDIOCOMM.
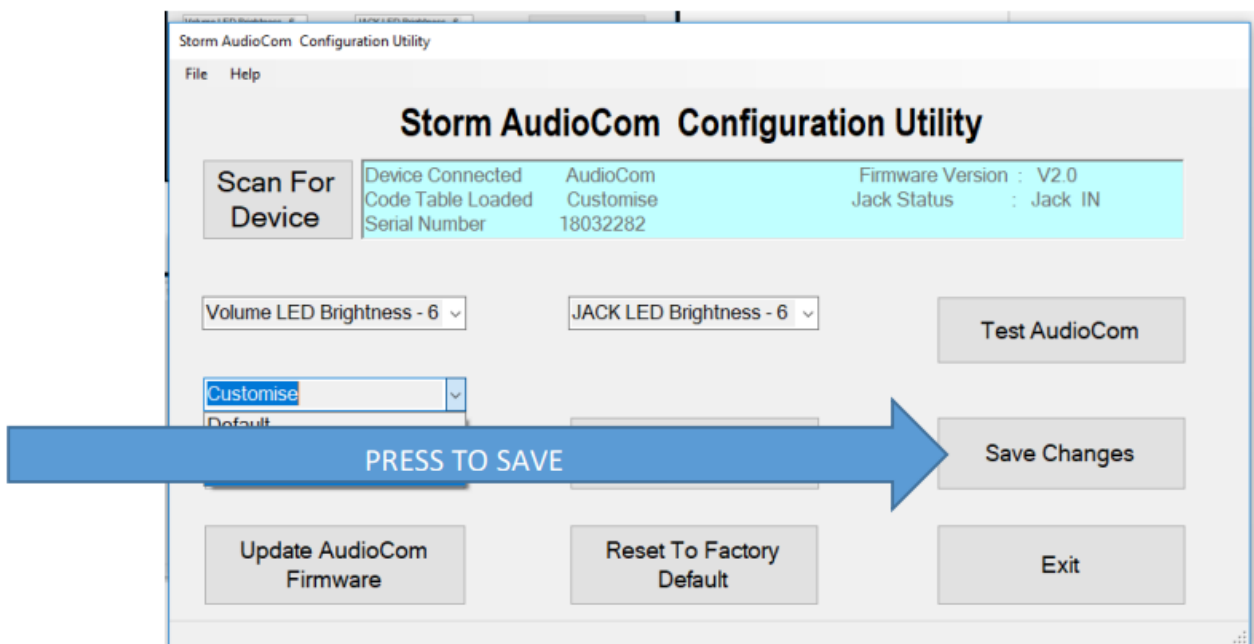When you press key "Down" on keypad, "e" will be sent to the relevant application.

If you did not want the current setting then click on "Reset" then all buttons will revert to original coding and then click on "apply" to send this coding to Audio COMM keypad.

"Close" will exit the customize form and return back to main screen.

Saving Changes

If you don't press "Save Changes" your changes will not be saved to the keypad.

Factory Default

Clicking on "Factory Default" will reset the keypad to the default code table Code Table – Default LED brightness – 9

Change History

Instructions for	Date	Version	Details
Configuration Utility	15 Aug 24	1.0	First Release

	Date	Version	Details
Configuration Utility	14 Nov 18	1.0	First Release
	06 Jan 21	3.0	Added test of mic function and fixes serial # over writing when loading a saved config file/
	02 Feb 22	3.1	New user agreement

AudioComm Configuration Utility Rev 1.0
www.storm-interface.com

Documents / Resources

Storm Interface AudioComm Module [pdf] Owner's Manual
Horizontal, Black, AudioComm Module, Module

References

- **User Manual**