



Overview	2
Installing the Utility	3
Select Code Table	4
Change Brightness	5
Test Product	5
Customise USB Codes	6
Change History	9

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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.

Compatability

Windows 11	\checkmark
Windows 10	\checkmark

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	B StormAudioNavUtility
	Select Installation Folder
	The installer will install StormAudioNavUtility to the following folder. To install in this folder, click "Next". To install to a different folder, enter it below or click "Browse".
	Eolder: C:\Program Files (x86)\Storm Interface\StormAudioNav Disk Cost
Choose you would like to install for all users of this pc (everyone) or just yourself (just me)	Install StomAudioNavUtility for yourself, or for anyone who uses this computer: Everyone Just me
Click Next to start the installation	Cancel < Back Next>
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		ALTERNA	TE CODE TABLE	CUST CODE	OMISED TABLE
Function	Hex	USB	Hex	USB		
Uo	0x52	Up Arrow	<0x01><0x02>	Multimedia Vol Up	Up Arrow	Set initially to the
Down	0x51	Down Arrow	<0x01><0x04>	Multimedia Vol Down	Down Arrow	factory default
Jack IN	0x6A	F15	0x6A	F15	F15	Valueo
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	Storm Au	udioCom Configur	ation Utility		
	File H	Help			
			Storm Au	dioCom Configura	ation Utility
	S [Scan For Device	Device Connected Code Table Loaded Serial Number	AudioCom Customise 18032282	Firmware Version : V2.0 Jack Status : Jack IN
		lume LED Brigh	ntness - 6 v	JACK LED Brightness - 6 <	Test AudioCom
SELE	C Def Alte Cus	fault ernate stomise		Reset From Configuration File	Save Changes
		Update Aud Firmwa	lioCom are	Reset To Factory Default	Exit

Select the Customise table, and then click on

Customise Code Table

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.

Custor (L	mise AudioCom JSB Codes in He	Code Table ex)	
		l	
None		Reset	
	None Jack IN Ox6A	Apply	
udioCom Layout			
(11010	mise Audior om	Code Table	
Custo (USB Codes in H	lex)	
Custo	INTER AUDIOCOM USB Codes in H Jack IN Inda	Code Table 0x08 F2 0x08 F2 0x06 F3 0x07 F4 0x08 F5 0x08 F7 0x41 F8 0x42 F10 0x44 F11 0x44 F11 0x45 F10 0x46 F101Screan 0x47 P10 0x48 P0use 0x49 P0use 0x49 Pouse 0x44 Home 0x44 Home 0x48 Pouse	



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.

AudioCom Layout		
n Cus	stomise AudioCom Co (USB Codes in Hex)	ode Table
		Mode Acne Let Ch Let Shit Let At Right Gui Right Shit Right Gui Reset
	None Jack IN 0x6A	Apply
	None Jack OUT 0x68	Close
AudioCom Layout	stomise AudioCom. Co	de Table
	(USB Codes in Hex)	
		Reset
	None Jack IN 0x6A	Apply

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 Audiocomm keypad.

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





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	<u>Date</u>	<u>Version</u>	Details
Configuration Utility	15 Aug 24	1.0	First Release

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