Integration Note

Manufacturer:	**Klipsch**
Model Number(s):	**C Series Subwoofers**
g! Core Module Version:	**g!8.3**
Driver Developer:	**Chowmain Software & Apps**
Document Revision Date:	July 31, 2019

Overview & Supported Features

Features

- Control over

  - Input switching

  - Volume control

  - Mute control

  - LED Identify

  - LED Brightness

  - Presets

  - Auto EQ

  - Power

- Feedback over

  - Input switching

  - Volume control

  - Mute control

  - Presets

  - Auto EQ

  - Power

Any feature not specifically noted as supported should be assumed to be unsupported.

http://www.klipsch.com

g! Configuration

Please make sure that the subwoofer is on the latest version of firmware which can be obtained from our website. Note that earlier firmware versions do not support UDP based control which is what the driver utilizes.
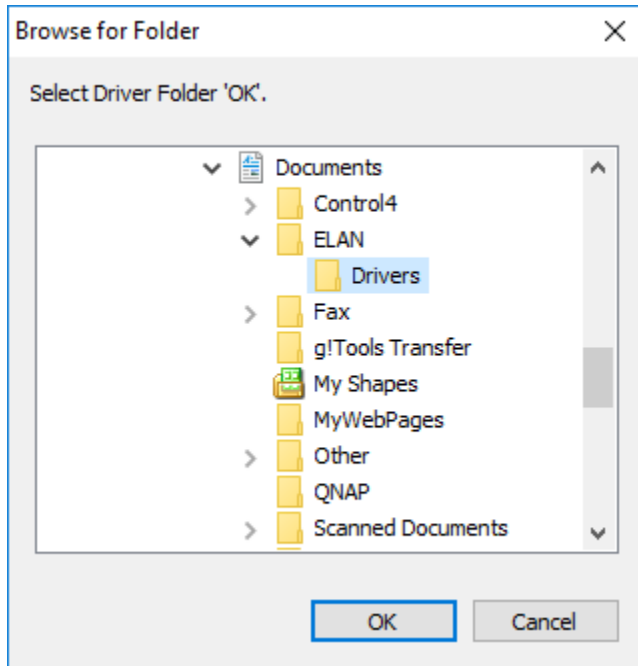
Installation Process

Please follow connect the amplifier up via IP before proceeding with the g! Configuration steps below.

1. Extract the file to your preferred ELAN driver storage location.

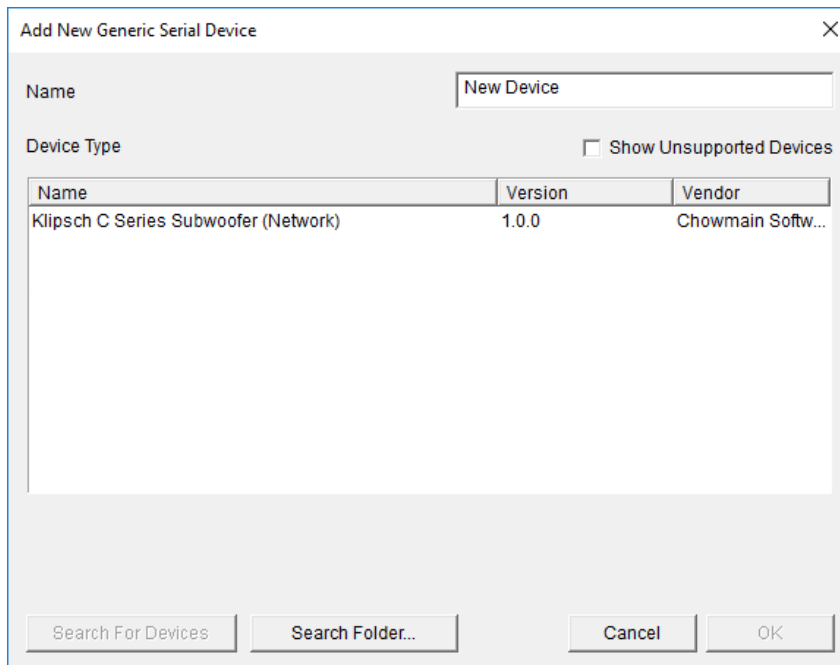2. In configurator click on the Input/Output tab

3. Click on the arrow next to Generic Serial Devices

4. Click on Add New Generic Serial Device

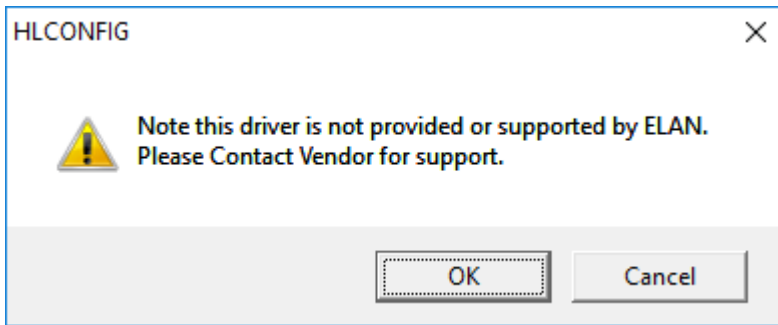5. Click on the Search Folder button

6. Select your driver folder and press ok
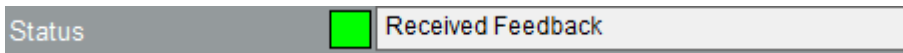

7. Select the driver and press OK.

8. Configurator will warn you that the driver is not provided or supported by Elan. Click on OK.
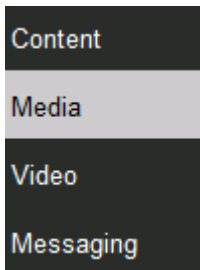
HLCONFIG ✕

⚠ Note this driver is not provided or supported by ELAN.
Please Contact Vendor for support.

OK   Cancel

9. Highlight the Subwoofer driver

10. Set the IP address to the static ip or reserved ip of the subwoofer.

IP Address   172 . 16 . 16 . 0

11. The driver Status will show '**Received Feedback**' if communications is successful.
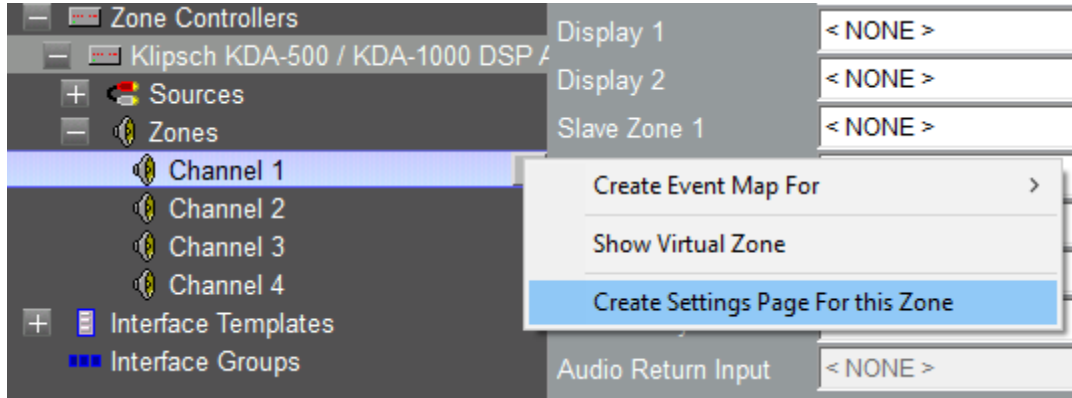
Status   ▮ Received Feedback

12. Now we need to add in a settings page to the zone the subwoofer is connected to. Note the following steps utilizes the provided EMV file. You are welcome to design and program the subwoofer in alternate means to suit your individual system.

13. Click on the Media tabprogram the system.
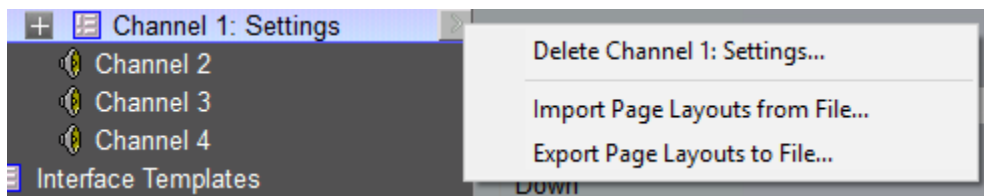
Content
Media
Video
Messaging

14. For the desired Zone Controller expand the Zones

15. Click on the > button for your desired zone and click on '**Create Settings Page For this Zone**'
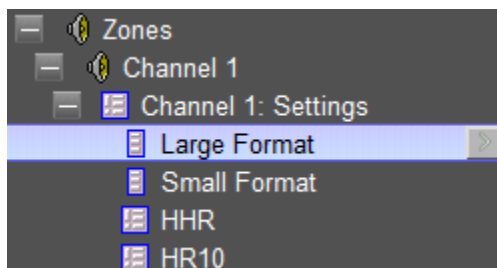

16. Click on the > button for the desired Zones Settings and click on '**Import Page Layouts from File**'

17. Select the '**Klipsch C Series Example UI.EMV**' file included with this driver.

18. Expand the Settings page and you will see the imported EMV file

19. Connect each Text Feedback field and the slider to the appropriate variable.

Text (Feedback) Properties

Name	ubwoofer (Network): CURRENT_INPUT	Picture...
Text Color	☑ Default	
Face Color	☑ Default	
Radius	☑ Default	
Shading	☑ Default	
Shading	☑ Default	

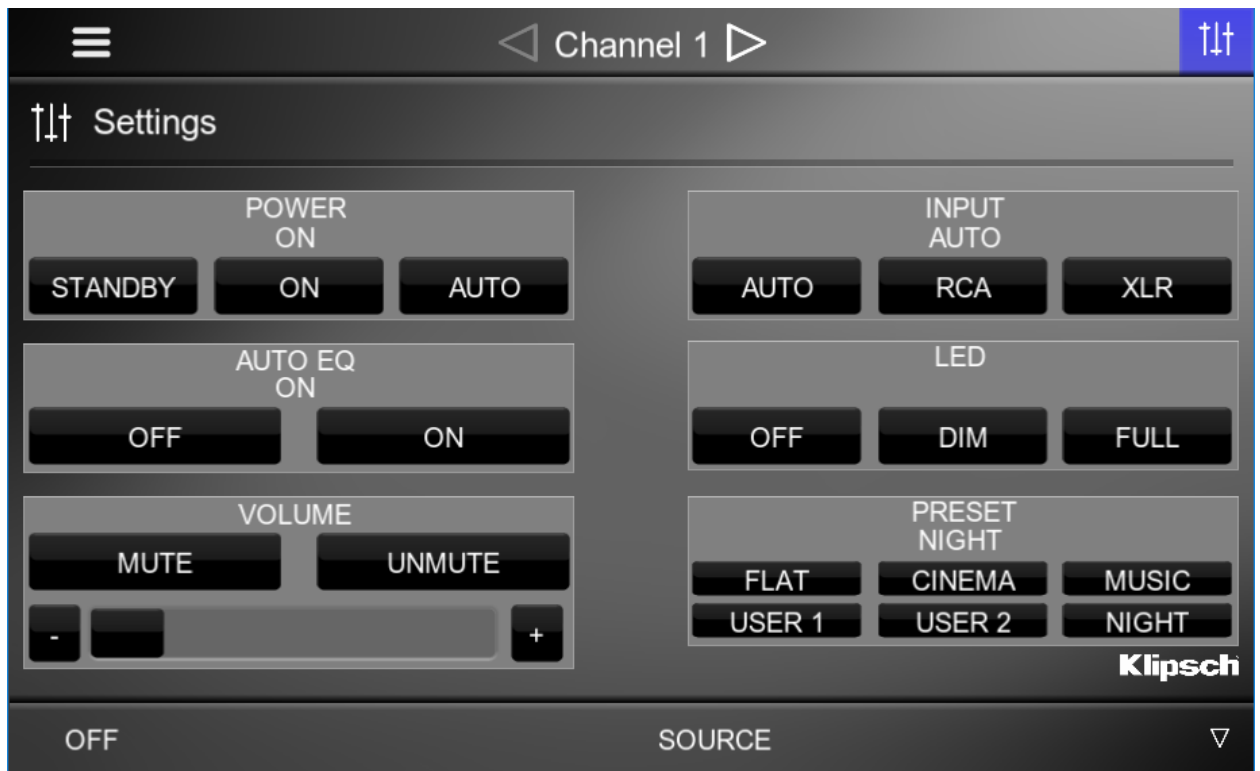|			
Style		Border	
Text Size	☑ Default	Align	Center
Options		Universal Function	
Connect To	Klipsch C Series Subwoofer (Network): CURRENT_INPUT		

☑ Default Behavior

20. You will also need to create Event maps for each button press to execute the appropriate subwoofer commands.

21. Once you have finished your settings page will look like this

22. Congratulations you have successfully setup the amplifier driver for ELAN.

g! CONFIGURATION DETAILS

The following table provides settings used in Configurator when connecting to Sky+HD / SkyQ devices. Please refer to the Configurator Reference Guide for more details.

Devices	Variable Name	Setting	Comments
Generic Serial Device	Name	<User Defined>	
	System #	<Auto Detect>	
	Driver Version	<Auto Detect>	
	Driver Vendor	Chowmain Software & Apps	
	Device Type	<Auto Detect>	
	Poll Interval (seconds)	<User Defined> This defines how often the driver should poll for feedback. Only effects feedback when the device is controlled by devices other than ELAN.	
	LED Identify	<User Defined> This will make the LED's on the front panel flash. Useful for identifying subwoofers when you have more than one subwoofer.	

COMMON MISTAKES

1. Please make sure that the device is on the latest firmware. Out of box it may not support this driver as the UDP protocol was introduced in a recent firmware update.

2. A static or reserved IP address must be assigned otherwise communications may fail.

3. Communications is via UDP. Please make sure that your network does not block UDP traffic.

4. This driver requires additional event map programming please make sure you read the integration notes for instructions on how to program this driver.

ELAN DEVELOPER PARTNER INFORMATION

This ELAN driver was commissioned and supported by:

http://www.klipsch.com