

## Integration Note

<b>Manufacturer:</b>	<b>MartinLogan</b>
<b>Model Number(s):</b>	<b>MDA8 MDA16</b>
<b>g! Core Module Version:</b>	<b>g!8.0</b>
<b>Driver Developer:</b>	<b>Chowmain Software &amp; Apps</b>
<b>Document Revision Date:</b>	<b>June 12, 2019</b>

## Overview & Supported Features

### Features

- Control over
  - Zone Power
  - Source / Zone switching
  - Volume control
  - Mute control
- Feedback over
  - Source / Zone feedback
  - Volume control
  - Mute control
  - Device Name
  - Serial Number
  - Software Version
  - Software Build
  - Hardware Revision
  - Model Number

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

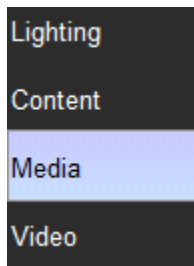
## g! Configuration

There are 4 versions of the driver designed for both serial and IP control over the 4 zone and 8 zone variants. Please install the correct version of the driver to suit the model you are using and the control type you are using.

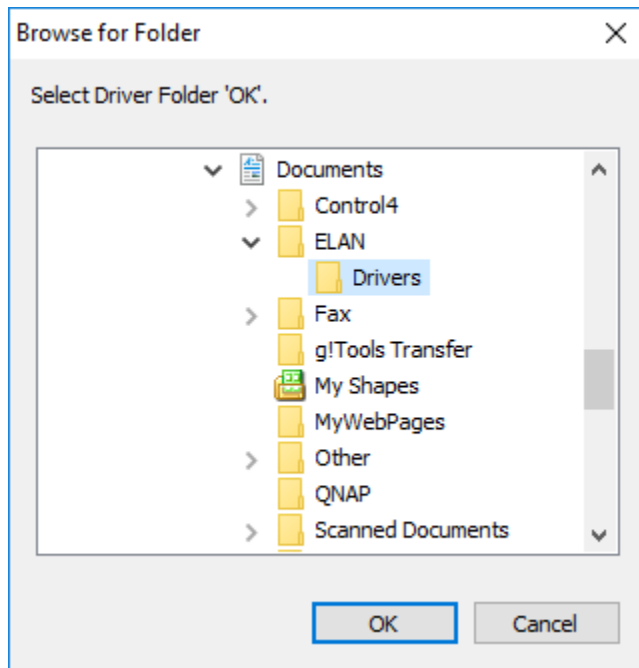
## Installation Process

Please follow connect the amplifier up via RS232 serial or via IP before proceeding with the g! Configuration steps below.

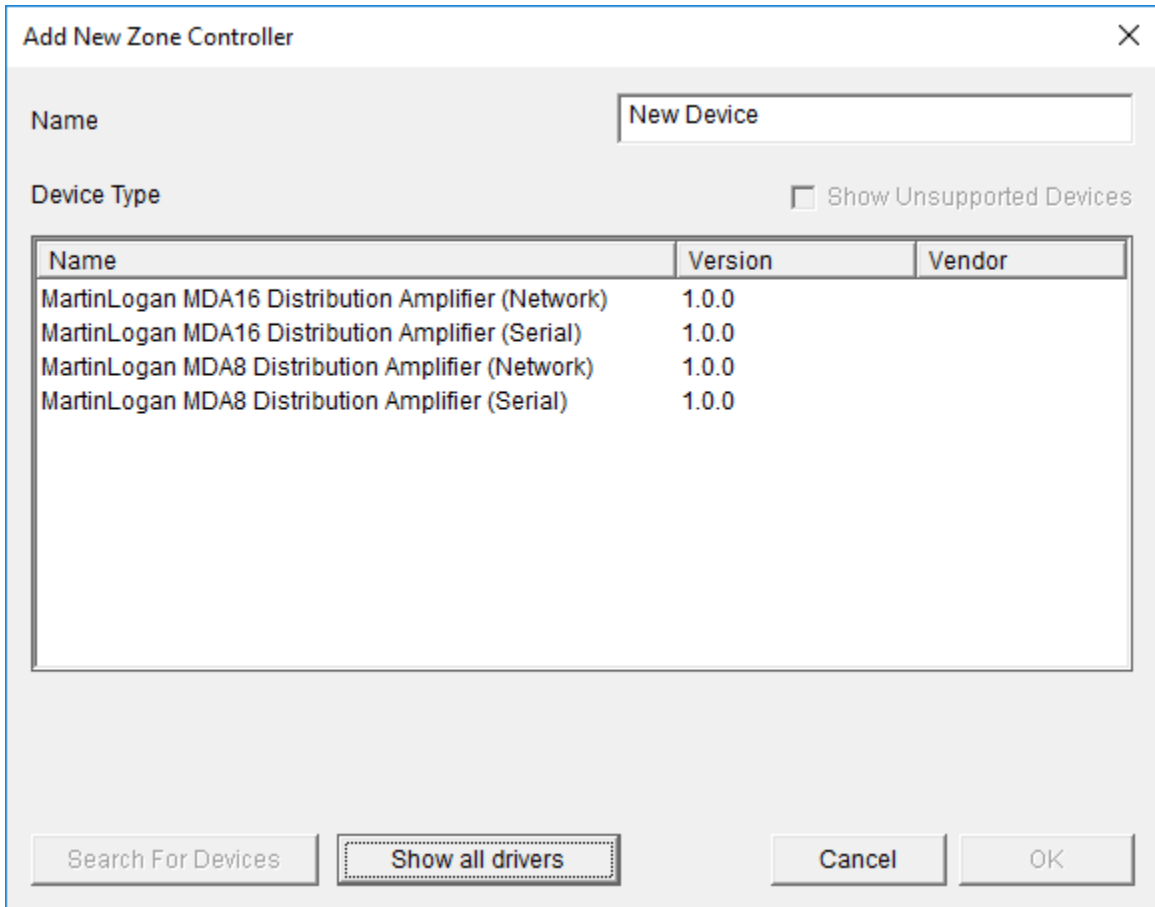
1. Extract the file to your preferred ELAN driver storage location.
2. In configurator click on the Media tab



3. Click on the arrow next to Zone Controllers
4. Click on Add New Zone Controller
5. Click on the Search Folder button
6. Select your driver folder and press ok



7. Select the driver that suits the amplifier model and the communications method you will be using.



**Add New Zone Controller** [X]

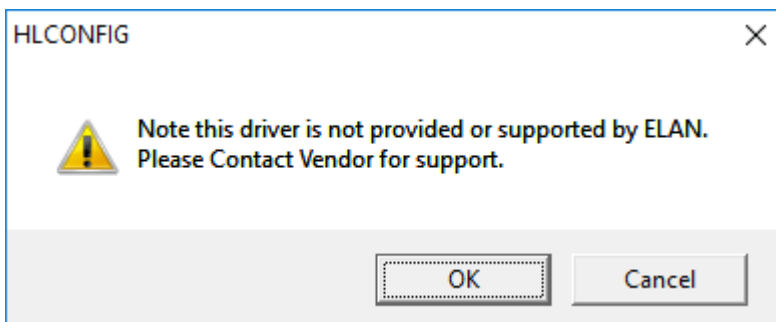
Name:

Device Type: ☐ Show Unsupported Devices


Name	Version	Vendor
MartinLogan MDA16 Distribution Amplifier (Network)	1.0.0	
MartinLogan MDA16 Distribution Amplifier (Serial)	1.0.0	
MartinLogan MDA8 Distribution Amplifier (Network)	1.0.0	
MartinLogan MDA8 Distribution Amplifier (Serial)	1.0.0	

Buttons: Search For Devices, Show all drivers, Cancel, OK

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

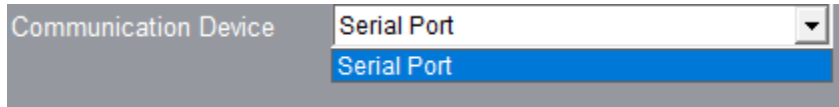


**HLCONFIG** [X]

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

Buttons: OK, Cancel

9. Highlight the Amplifier driver
10. If you are using serial control set the Communications Device to the appropriate device (note you may need to add in the serial port if you have not done so already)



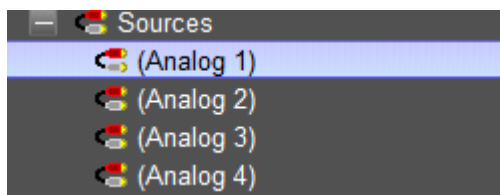
Communication Device: Serial Port

11. If you are using network control set the IP address to the static ip or reserved ip of the amplifier.



IP Address: 172 . 16 . 16 . 0

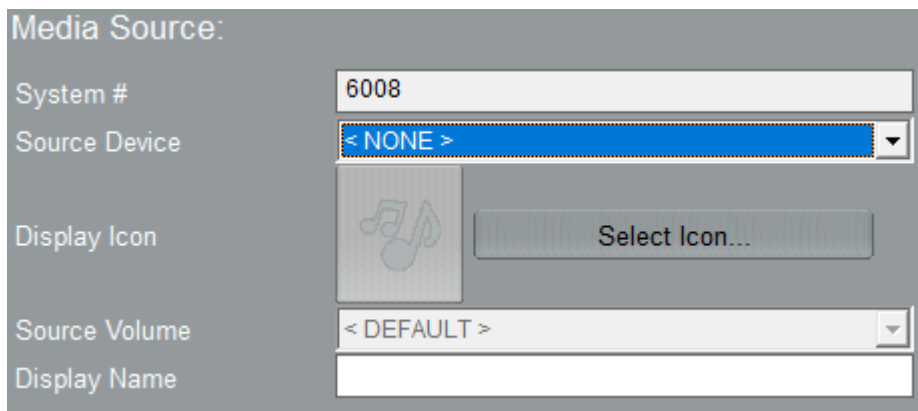
12. The driver will now automatically populate the Device Name, Serial Number, Software Version, Software Build Date, Hardware Revision and Model number fields.
13. Expand Sources and highlight the source you want to assign.



Sources

- (Analog 1)
- (Analog 2)
- (Analog 3)
- (Analog 4)


14. Select the source you want to assign in the Source Device dropdown box.



Media Source:

System #: 6008

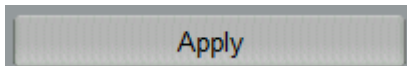
Source Device: < NONE >

Display Icon:  Select Icon...

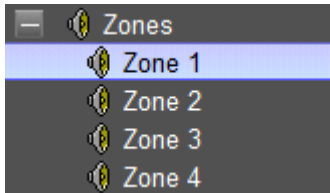
Source Volume: < DEFAULT >

Display Name:

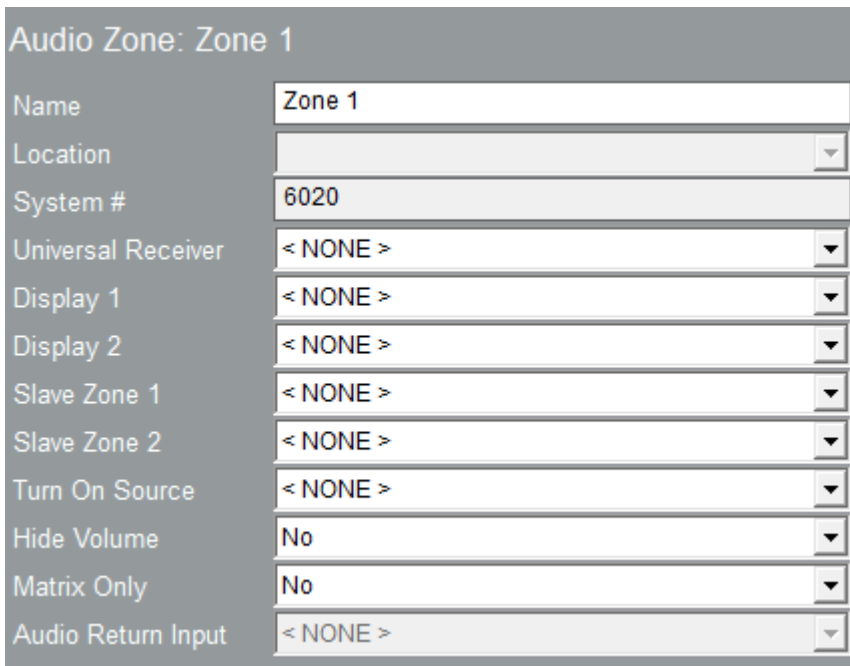
15. Click on the Apply Button



16. Expand Zones and select the Zone you want to configure



17. Name the Zone and apply any relevant configuration

A screenshot of a configuration window titled "Audio Zone: Zone 1". The window has a gray background and contains several labeled input fields. The labels are on the left, and the input fields are on the right. The inputs are: "Name" (text field with "Zone 1"), "Location" (dropdown menu), "System #" (text field with "6020"), "Universal Receiver" (dropdown menu with "< NONE >"), "Display 1" (dropdown menu with "< NONE >"), "Display 2" (dropdown menu with "< NONE >"), "Slave Zone 1" (dropdown menu with "< NONE >"), "Slave Zone 2" (dropdown menu with "< NONE >"), "Turn On Source" (dropdown menu with "< NONE >"), "Hide Volume" (dropdown menu with "No"), "Matrix Only" (dropdown menu with "No"), and "Audio Return Input" (dropdown menu with "< NONE >"). Each dropdown menu has a small downward arrow on the right side.

18. 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
Zone Controller	Name	<User Defined>	
	System #	<Auto Detect>	
	Driver Version	<Auto Detect>	
	Driver Vendor	Chowmain Software & Apps	
	Device Type	<Auto Detect>	
	Device Name Status	<Auto Detect> This is the device name pulled in from feedback	
	Serial Number	<Auto Detect> This is the device's serial number pulled in from feedback	
	Software Version	<Auto Detect> This is the device's software version pulled in from feedback	
	Software Build Date	<Auto Detect> This is the device's software build date pulled in from feedback	
	Hardware Revision	<Auto Detect> This is the device's hardware revision pulled in from feedback	
	Model	<Auto Detect> This is the device's model number pulled in from feedback	

## COMMON MISTAKES

1. If network communication is chosen then a static or reserved IP address must be assigned.
2. If the volume limit is set on each zone then the volume bar will not go past that volume in ELAN (by design). The volume limit can be set in the device's web interface.

## ELAN DEVELOPER PARTNER INFORMATION

This ELAN driver was commissioned and supported by:



<http://www.martinlogan.com>