

Integration Note

Manufacturer:	Meridian
Model Number(s):	218
g! Core Module Version:	8.1.401
Driver Developer:	Intrinsic Dev, part of Intrinsic Group Limited
Document Revision Date:	15/08/17

Overview & Supported Features

This driver allows a g! system to communicate with a Meridian 218 via Ethernet to provide audio zone functionality.

THE FOLLOWING OPTIONS ARE SUPPORTED BY THIS DRIVER:

Source Switching: Select any of the 218's sources.

Zone On/Off Control: Two way status and control of on/off.

Volume Control: Two way volume control for each discrete output.

Continued Dealer Support

Intrinsic Group's offer free licenses for showrooms and dealer's own homes – just drop us a support ticket. All of our drivers are backed up by our online ticketing system.

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

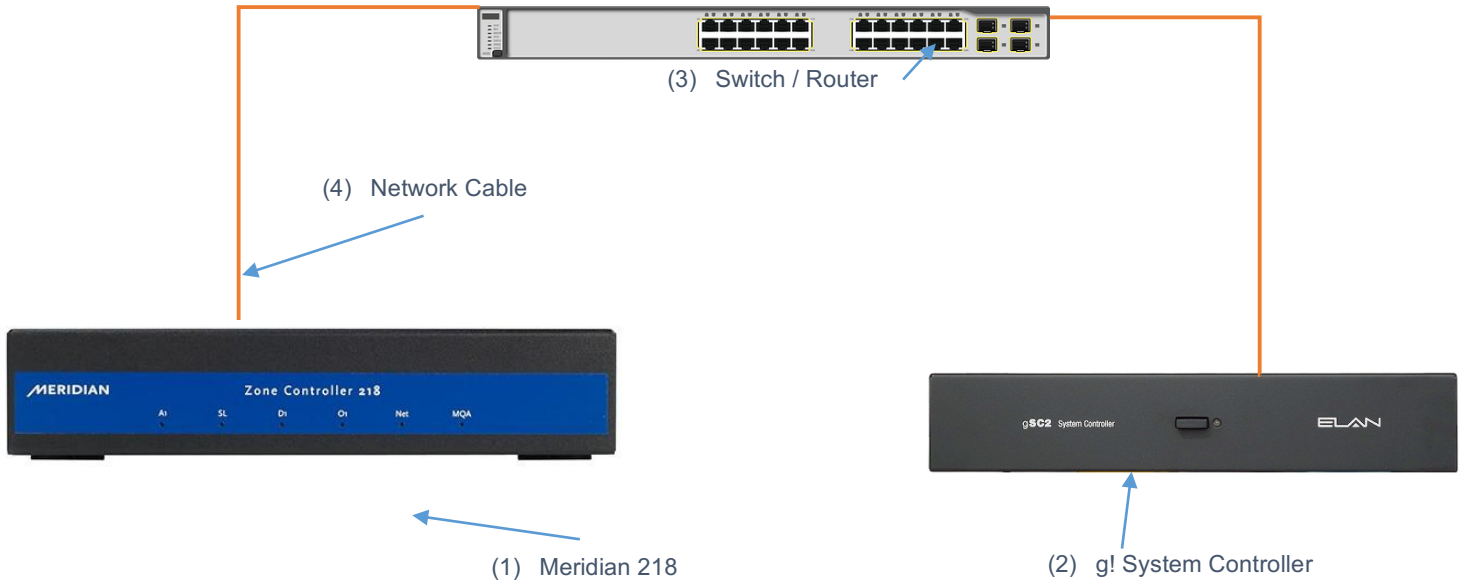
Intrinsic Group's drivers are created to the highest standard, developed with industry leading practices, including bench and real world field testing.

Intrinsic Group advise that dealers take advantage of our free show room driver to thoroughly test and familiarise themselves with our drivers and their capabilities before installing on a customer site.

Intrinsic Group offer dedicated support to help dealers, though Intrinsic Group Limited accept no liability for any loss, delays, damage or otherwise, whether resulting from the use of their drivers or otherwise. Drivers are provided without warranty with respect to the product they are controlling. Intrinsic Group do not guarantee the continuous functionality should the product manufacture implement a change to their product. We constantly update our drivers to improve functionality and remove any bugs that may arise, with updates being provided at no costs for the listed, supported models in this integration note. Major updates of product may lead to the need to purchase versions of drivers.

CONNECTION DIAGRAM: ETHERNET CONTROL

Refer to the Bill of Materials and Wiring Diagram that follow.



BILL OF MATERIALS

#	Device	Manufacturer	Part Number	Protocol	Connector Type
1	218	Meridian	218	Ethernet	RJ-45 Female
2	g! Controller	ELAN	Various (e.g. SC2)	Ethernet	RJ-45 Female
3	Network Switch	Various	Various	Ethernet	RJ-45 Female
4	Network Cable	Various	Various	Ethernet	RJ-45 Male

MERIDIAN 218 SETUP

Set up your device as per the manufacturer's instructions.

A static IP address is required.

Once set up is complete, you can continue to follow the steps outlined in this guide.

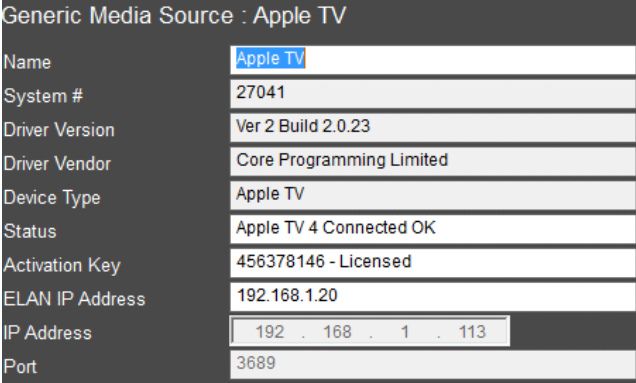
DRIVER LICENSE

This driver requires a license key to function. Pricing and license keys can be obtained by visiting www.intrinsicdev.co.uk

The ELAN controller MAC address is needed to generate a license key. Your MAC address is your system name less "SC" or "g1". If you are in doubt, a free MAC address finder tool is available from our website.

INSTALLATION:

The license key is entered on the main properties page of the driver.

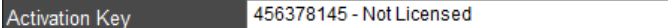


Generic Media Source : Apple TV	
Name	Apple TV
System #	27041
Driver Version	Ver 2 Build 2.0.23
Driver Vendor	Core Programming Limited
Device Type	Apple TV
Status	Apple TV 4 Connected OK
Activation Key	456378146 - Licensed
ELAN IP Address	192.168.1.20
IP Address	192 . 168 . 1 . 113
Port	3689

*Example Image

Once you enter the product license key as shown above click "Apply" to save it and then within 20 seconds the driver will process the key.

After 20 seconds the driver will update the Activation Key window with the status of the license key. To see this update, you must refresh the screen by selecting another tab or device and then going back to this driver. You will either see, as above, that the driver is activated correctly or, as below, the driver is not activated.



Activation Key	456378145 - Not Licensed
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Please check the status of the driver activation before logging a support ticket.

g! CONFIGURATION

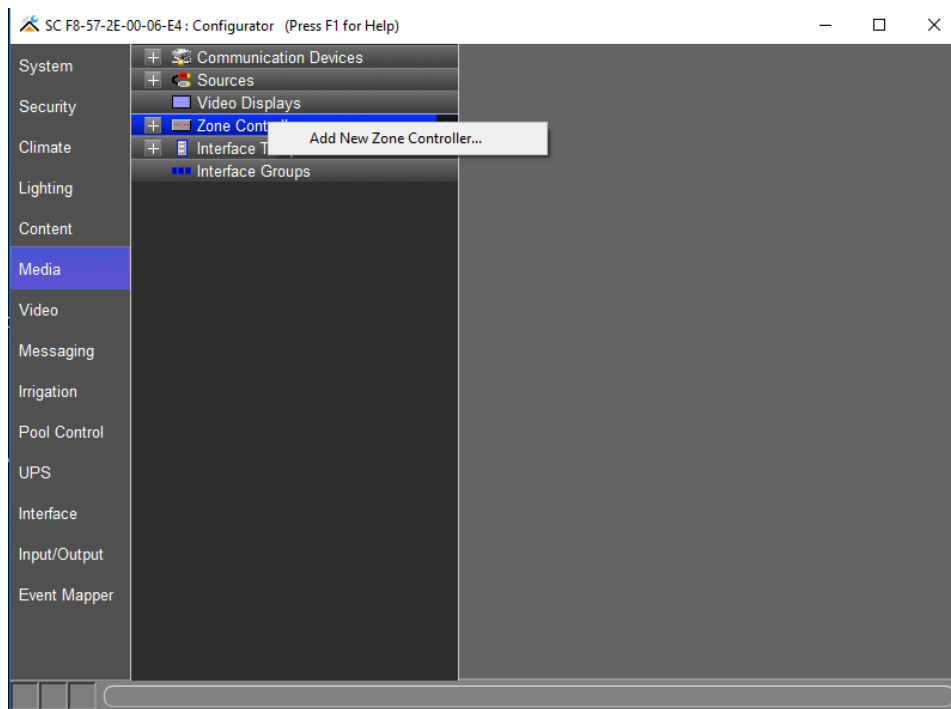
The installation process will involve loading a Media Zone driver from a downloaded file.

Note: No communication device is needed for this IP driver.

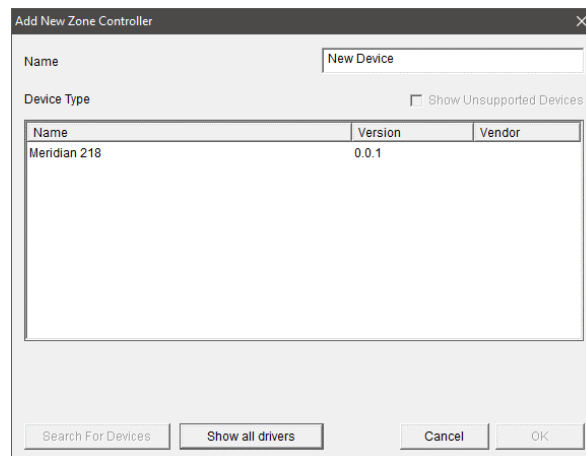
INSTALLATION PROCESS

It is recommended that you follow the below installation process in order to ensure you are running the latest version of the driver.

1. Download the latest version of the driver from the Intrinsic Dev website.
2. Under the Media tab in configurator, add a new Zone Controller.



3. On the next window use the Search Folder button to point Configurator to the location you saved the driver.



4. Select the driver and click OK.
5. Enter your license key and device IP address then click apply.

Zone Controller : Meridian 218	
Name	Meridian 218
System #	8059
Driver Version	0.0.1
Driver Vendor	Intrinsic Dev
Device Type	Meridian 218
Activation Key	123456789 - Not Licensed
Product	
Serial#	
Version#	
Zone Name	
IP Address	192 . 168 . 1 . 0
Port	9014

g! CONFIGURATION DETAILS

The following table provides settings used in Configurator ...Please refer to the Configurator Reference Guide for more details.

In the table below:

- “<Select from list>” Select the appropriate item from drop down.
- “<User Defined>”, etc. Type in the desired name for the item.
- “<Auto Detect>”, etc. The system will auto detect this variable.

Devices	Variable Name	Settings (Ethernet)
Media Zone Controlelr	Name	<User Defined> (Default <Auto Detect>)
	System #	<Auto Detect>
	Driver Version	<Auto Detect>
	Driver Vendor	Intrinsic Dev
	Device Type	Meridian 218
	Activation Key	<User Defined> (Enter key supplied by Intrinsic Dev)
	Product	<Auto Detect>
	Serial#	<Auto Detect>
	Version#	<Auto Detect>
	Zone Name	<Auto Detect>
	IP Address	<User Defined> (Enter static IP address of matrix)
	Port	<Auto Detect>

COMMON MISTAKES

1. Incorrect IP address entered
2. Failing to properly configure the system standalone, before integrating with ELAN
3. No communication device is needed.

ELAN DEVELOPER PARTNER INFORMATION

This ELAN driver was written and supported by:



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www.intrinsicdev.co.uk