



Integration Note

Manufacturer:	Kaleidescape
Model Number(s):	M300, M500
Minimum Core Module Version:	6.4.200
Document Revision Date:	12/19/2013

OVERVIEW AND SUPPORTED FEATURES

This driver allows a g! system to communicate with a Kaleidescape media server via Ethernet or RS-232.

THIS DRIVER SUPPORTS THE FOLLOWING FEATURES:

One Way Control: The driver gives complete one way control over the Kaleidescape system, with a full set of commands available.

Composite Video Stream: The pre-designed templates allow for a composite video stream showing the Kaleidescape user interface to be displayed on compatible g! interface devices.

THIS DRIVER DO NOT SUPPORT THE FOLLOWING FEATURES:

Two-Way Control/Feedback/Metadata: Feedback of current status or display of library info/metadata from the Kaleidescape is not available.

Any feature not specifically noted as supported should be assumed to be unsupported.
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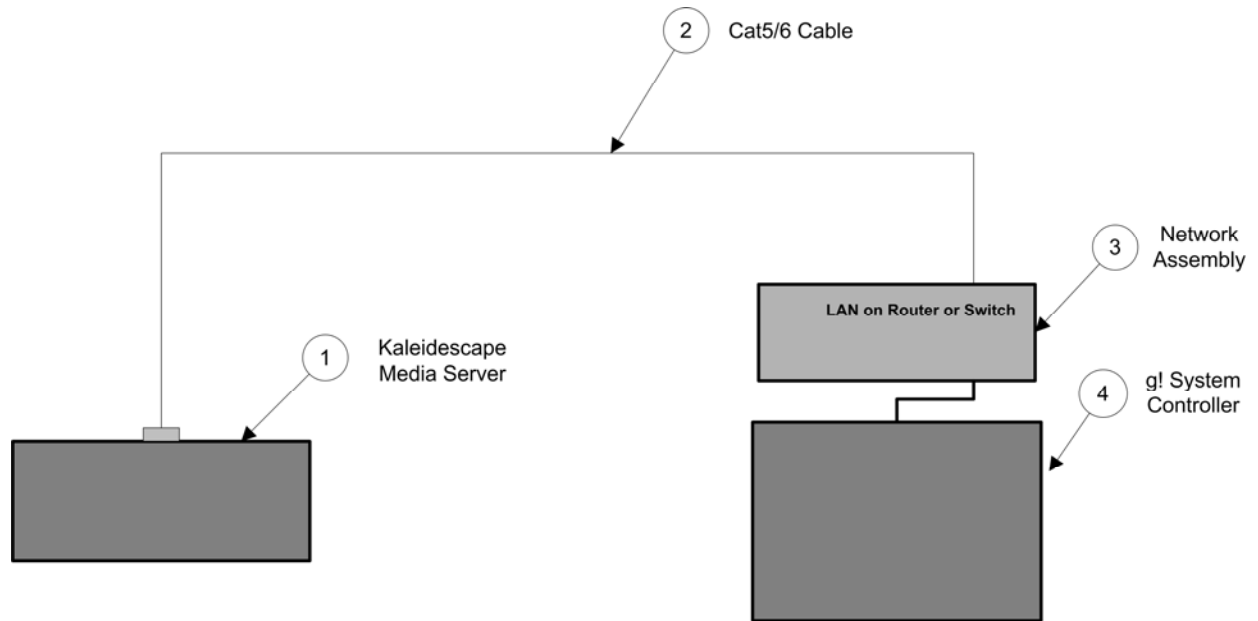
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CONNECTION DIAGRAM: ETHERNET CONTROL

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

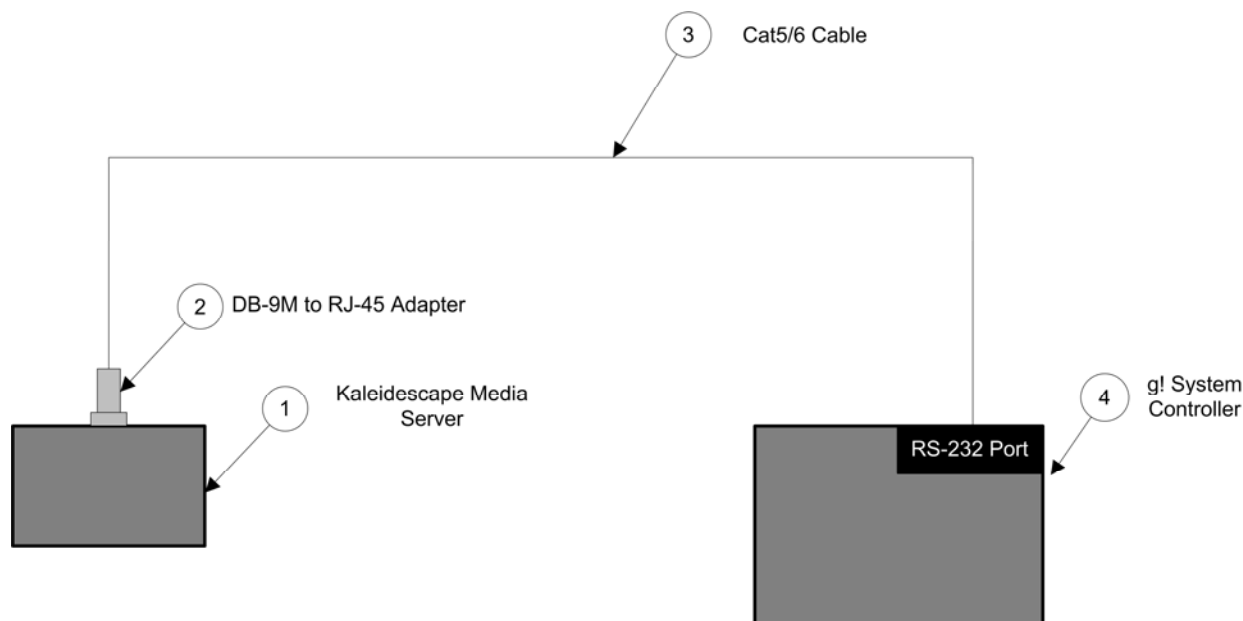


BILL OF MATERIALS

#	Device	Manufacturer	Part Number	Protocol	Connector Type	Notes
1	Media Server	Kaleidescape	M 300 or M 500	Ethernet	RJ-45 Female	
2	Cat5/6 Cable	N/A	N/A	Ethernet	RJ-45 Male X RJ-45 Male	
3	Network Assembly	ELAN	NWA 18	Ethernet	RJ-45 Female	Any LAN port.
4	g! Controller	ELAN	Various (e.g. HC 12)	Ethernet	RJ-45 Female	

CONNECTION DIAGRAM: RS-232 CONTROL

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



BILL OF MATERIALS

#	Device	Manufacturer	Part Number	Protocol	Connector Type	Notes
1	Media Server	Kaleidescape	M300 or M500	RS-232	DB-9 Female	
2	DB-9M to RJ-45 Adapter	ELAN	HA-CB-307	RS-232	DB-9 Male X RJ-45 Female	
3	Cat5/6 Cable	N/A	N/A	RS-232	RJ-45 Male X RJ-45 Male	
4	g! Controller	ELAN	Various (e.g. HC12)	RS-232	RJ-45 Female	

KALEIDESCAPE SETUP

The Kaleidescape media server should be installed with cat5/6 cabling back to the g! controller, or network switch for communications.

RS232 CONFIGURATION

1. With the Kaleidescape connected to the network, using a computer connected to the same network, enter <http://my-kaleidescape/installer> (Windows) or <http://my-kaleidescape.local/installer> (Mac) into the address bar of a web browser to display the installer pages of the browser interface.
2. Select the **COMPONENTS** tab.
3. Click the **SETTINGS** button for the player.
4. Select the **CONTROL** tab.
5. Configure the following settings fields using their dropdown boxes:

Baud Rate = 9600
Data Bits = 8
Parity Bits = None
Stop Bits = 1
Flow Control = None

6. Click **OK** to save the new settings.

ETHERNET CONFIGURATION

In order to maintain a reliable connection with the **g!** controller, it is recommended that the Kaleidescape is configured with a static IP address in the same subnet as the **g!** controller.

1. With the Kaleidescape connected to the network, using a computer connected to the same network, enter <http://my-kaleidescape/installer> (Windows) or <http://my-kaleidescape.local/installer> (Mac) into the address bar of a web browser to display the installer pages of the browser interface.
2. Select the **COMPONENTS** tab.
3. Click the **SETTINGS** button for the player.
4. Select the **NETWORK** tab.
5. Check the option **Use the following IP Configuration** and enter your static IP details.
6. Click **OK** to save the new settings.

g! SETUP

In Configurator, go to the **Media** tab and add a new communication device, choosing either Serial Port or Ethernet, depending on your chosen communication method and then selecting **Standard Connection** as the **Communication Type**. Where Ethernet is your chosen communication method, enter the IP address of the Kaleidescape media server (no need to enter a port number, as this automatically defaults to the correct value). If you are using Serial, select the correct COM port from the list.

Next, right click on **Two-Way Devices** and choose **Add New DVD Player**, selecting **Kaleidescape** from the list. Ensure your newly added device has the correct communication device selected. Now we need to add an interface; right click on **One-Way Devices** and choose **Add New Source**. In the box that appears, enter a name for your interface and choose **Kaleidescape** as the template layout. In the **Connect to Existing Device** dropdown menu, select the two-way device you have just added.

The driver is now configured and you should be able to add the Kaleidescape media server into your system as a source on a Zone Controller in the usual way.

USER INTERFACE TEMPLATES

The Large Format user interface templates give the user the option of two screens; one containing a composite video feed (used to display the Kaleidescape video output within the **g!** interface) entitled "Video" and another containing a comprehensive array of controls, entitled "Main". If the video feed is not being used, simply delete the "Video" page in configurator, leaving only the "Main" page displayed in the interface.

Note: to utilize composite video control a composite video must be run to a Elan TS7/10/VL10 touchscreen's video input, and appropriate setup must be completed. See Configurator Online Help and the **g!** Training Guide for full details.

Alternatively, if Video In is desired, you may run the composite out of the Kaleidescape to a compatible IP Video Server and replace the Composite Video control with a Video Stream.

g! CONFIGURATION DETAILS

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

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

Refer to the **g! System Programming Details** below for additional information.

[illegible]

COMMON MISTAKES

NO COMMUNICATION WITH THE KALEIDESCAPE

- Check the IP address of the communication device matches the IP address of the Kaleidescape server.
- If using RS232, check the wiring of the communications link.