

Integrating Clare Controls HDMI Matrix Switches into an ELAN g! Project Product Bulletin

Introduction

The Clare Controls CM-MT series switch driver lets you integrate the following Clare Controls HDMI matrix switches into your ELAN g! project.

CM-MT series switch models

- HDMI 4x4 Matrix Switch
- HDBaseT 4x4 Matrix Switch
- HDMI 8x8 Matrix Switch
- HDBaseT 8x8 Matrix Switch
- 16x16 Modular Matrix Switch

Connecting your Clare Controls CM-MT series switch to an ELAN g! controller

You can connect your Clare Controls CM-MT series switch to an ELAN g! controller two ways. You can connect the switch directly to the ELAN g! controller's internal serial port (Figure 1), or you can connect the switch to the IP network (Figure 2). To connect to the IP network, you will need to attach an IP-to-Serial device, such as a Global Cache' iTach device.



Configuration

Before you begin configuring your project, ensure the ELAN g! controller is set up on your network.

Note: ELAN g! training and the g!Tools program are required for programing.

To add a communication device:

- 1. Locate your ELAN g! controller on the network.
- 2. Add a communications device, and then select one of the internal RS-232 ports, or an IP-to-Serial device, such as a Global Caché IP-to-Serial device.
- 3. Using the g!Tools software, enter a name, IP address, and port number for the communication device, as shown below.



4. Click Apply.

To add a new interface:

1. In the Add New Interface dialog, enter a name for the interface, and then click Create New Serial Device.



- 2. Click OK.
- 3. Open the device, and then select your communication method.



4. Click Apply.

To import the Clare Controls driver:

1. Click the arrow to display the pop-up menu for the device.



- 2. Click Import Layouts & Codes From File.
- 3. Select the Clare Controls Driver from your computer, and then click Open.

HC Series 00-1	4-2D-40-09-0C : Configurator (Press F1 for Help)	11			
System	Clare Controls Matrix Switch	Serial Code : S	witch Input 1 to All Outputs		
Security	Switch All Inputs to All Output	Name	Switch Input 1 to All Outputs		
Climate	Input 1 to Output 1	System #	4752		
Service en s	- Input 2 to Output 1	Universal Function	Preset	-	
Lighting	- Input 3 to Output 1		1AII.	·	
Content	- Input 4 to Output 1	ASCII			
Content	 Input 5 to Output 1 	1. 1. 1. 1 . 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.			
Media	er Inout 7 to Output 1		31 41 6C 6C 2E	<u>^</u>	
-	Input 8 to Output 1	uev			
Video	- EDID Restore to Default	nex.			
Messaging	- Input 1 to Output 2	20042000		*	
	Input 2 to Ouput 2	Terminator	None	-	
Irrigation	Input 3 to Ouput 2				
Real Control	Input 4 to Output 2				
-Poor Control	Input 5 to Output 2				
UPS	- Input 6 to Output 2				
And a second second second	Input 7 to Output 2				
Interface	- Input 6 to Output 2				
Inout/Output	= Input 2 to Output 3				
mpar compar	- Input 3 to Output 3				
Event Mapper	Input 4 to Output 3				
	- Input 5 to Output 3				
	📟 Input 6 to Output 3				
	Input 7 to Output 3				
	- Input 8 to Output 3				
	- Input 1 to Output 4				
	input 2 to Output 4				
	Input 3 to Output 4				
	India to Output 4				
	= Input 6 to Output 4	2.3			
	Innut 7 to Output 4	APP0			
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To test the Clare Controls driver:

- 1. Click the arrow to display the pop-up menu for the device command.
- 2. Click Test Command. The command is sent from the ELAN g! controller to the HDMI switch.

Customer support information

For questions about Clare Controls products, please contact us at:

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