Integration Note

Manufacturer:	Ad Notam
Model Number(s):	**Mirror Image**
g! Core Module Version:	8.4
Driver Developer:	Simplux
Document Revision Date:	07/02/2020

Overview & Supported Features

This is a Two-way driver to control the Ad Notam Mirror Image range of TVs over RS232.

THE FOLLOWING OPTIONS ARE SUPPORTED BY THIS DRIVER:

- Input Selection – Discrete selection of individual source inputs with feedback of current source selection on Elan if the Ad Notam remote was used

- Power Control – Discrete power On & Off control with feedback on Elan if remote was used to turn On/Off TV

- Volume Control - volume control with volume ramping supported

- Mute Control – Mute Control with mute status change when remote is used.

- Control of picture mode, audio mode and aspect ratio under the options control on Elan GUI.

THE FOLLOWING OPTIONS ARE NOT SUPPORTED BY THIS DRIVER:

- Volume Level – Volume Level feedback is not supported

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

Television Configuration (RS232)

1. Turn TV On
2. Go to Menu
3. Go to Setup
4. Then Enable RS232 option
5. The RS232 settings should be set to the following:

   Baud Rate: 38400 (Default)

   Parity: None

   Data Bits: 8

   Stop Bits: 1

   Flow Control (Handshake): None

Elan Configuration (RS232)

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

In the configurator under Media Tab, add Communication Devices

1. Right-click on Communication Devices
2. Choose Add New Communication Device
3. From the Add New Communication Device pop-up, choose Generic Serial (Hardware Type – Serial Port).
4. Select the COM Port the Television is connected to and Click OK

In the configurator under the Media Tab, add the video display

5. Right-click on Video Displays
6. Choose Add New Video Display
7. From the Add New Video Display pop-up, choose Search Folder
8. Select the driver from the folder its saved in and Click OK
9. Under License Key, type the purchased key to activate the license. Alternatively type "TRIAL" for a free one month trial period to test the driver.

10. Select the communication device created under steps 1-4.

11. Click Apply

You should now have the communication device prefilled with the following settings:

Protocol – RS232

Baud Rate – 38400

Flow Control – None

Parity – None

Data Bits – 8

Stop Bits – 1

g! CONFIGURATION DETAILS (RS232)

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

In the table below:

- o   "<User Defined>", etc.   Type in the desired name for the item.
- o   "<Auto Detect>", etc.   The system will auto detect this variable.

Devices	Variable Name	Setting	Comments / Notes
Communication Devices	Name	<User Defined>	
	System #	<Auto Detect>	
	Device Type	Serial Port / Standard Connection	
	Installed	<Auto Detect>	
	COM Port	<User Defined>	
	Protocol	<Auto Detect>	RS232
	Baud Rate	<Auto Detect>	38400
	Flow Control	<Auto Detect>	None
	Parity	<Auto Detect>	None
	Data Bits	<Auto Detect>	8

	Stop Bits	<Auto Detect>	1
Video Displays	Name	<User Defined>	
	System #	<Auto Detect>	
	Status Color Coding	<User Defined> Enabled or Disabled	
	Driver Version	<Auto Detect>	
	Driver Vendor	Simplux	
	Installed	<Auto Detect>	
	Device Type	<Auto Detect>	
	License Key	<User Defined>	Type Purchased Driver Central License Key or Type "TRIAL" for 1 Month Free Trial
	License Status	<Auto Detect>	Driver Status Feedback
	Debug	<User Defined> (Default NO)	Enable Debug to Trace Errors
	Communication Device	<User Defined>	Select the Communication Device Created
	Provide Local Sources	<User Defined>	
	Provide Audio Return	<User Defined>	

	ELAN UltraMatrix ARP	NO	
	Show as Zone	<User Defined>	

COMMON MISTAKES

1. Not enabling the RS232 option on the TV settings – This must be enabled to communicate with Elan.

ELAN DEVELOPER PARTNER INFORMATION

This ELAN driver was written and supported by:

Simplux Ltd | www.simplux.co.uk | info@simplux.co.uk