

Atlona ATL-UHD-CLSO-824 RS-232 Integration Note

Manufacturer:	Atlona
Model Number(s):	ATL-UHD-CLSO-824
g! Core Module Version:	8.3 Build 11.0 Rel
Driver Developer:	Cinematic, Inc.
Document Revision Date:	4/2/2019
ELAN DB9 RS-232 Adapter	N/A – Captive Screw Connector

Overview & Supported Features

This driver will control the Atlona ATL-UHD-CLSO-824. A license key is required for use of this driver. Please go to [Cinematic Drivers](#) to purchase the license. Dealer is responsible for configuring the Atlona ATL-UHD-CLSO-824 and must have knowledge of use.

THE FOLLOWING OPTIONS ARE SUPPORTED:

- Zone Volume Control
- Zone Mute control (ELAN Simulated)
- Zone Input Selection
- Zone EQ Controls
- Audio Input Gain Controls
- Zone Lip Sync Control
- Unit Power Off Option
- TV Power Control via the Balun Captive Screw Terminal for Sony, Samsung, LG & Philips*
- Feedback from the unit when using the buttons on the chassis

THE FOLLOWING OPTIONS are not supported:

- Zone Off - Must create an 'Event Map' and Mute/Unmute the zone or similar
- Turning MIC input on/off. This input is always on and is 'mixed' into the zone output audio

Any feature not specifically noted as supported should be assumed to be unsupported.
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Driver Revision History:

- 1.0.0 - Initial Rollout

*Power On & Off supported only.



g! Configuration

The Atlona ATL-UHD-CLSO-824 will need to be installed, configured and tested prior to installing the drivers into the ELAN controllers. You will need to locate the MAC address of your ELAN g controller to purchase the driver license key.

Installation Process

- 'Add Communication Device' - Standard Connection - Serial Port

With 3rd party drivers, these are not in the driver list from the factory, but are plug-ins. To add the one for Atlona ATL-UHD-CLSO-824 RS232:

1. Download the .EDRVC file
2. Place this file in a folder on your PC
3. In the configurator, navigate to the Media tab
4. Select "Zone Controllers", and select "Add New Zone Controller..."
5. Select search folder and navigate to the folder in which the driver is located on your PC.

NOTE: It is good to note that once selected, the configurator will always look to this folder for 3rd party drivers so in best practice you should create a folder in which you keep all your 3rd party drivers in.

NOTE: If you have already set your folder previously and your driver is in said folder (as it should be if you read the above note then the driver will already be in the populated list for you to select from.)

6. Select 'Atlona ATL-UHD-CLSO-824' from the device type list.
7. The driver should now be loaded into the configurator.
8. Enter the License Key and select the appropriate Communication Device. Click Apply.

Advanced Features

- Audio input gains (Sub Volume) may be configured & controlled using 'Sliders'. These are typically programmed on the zone 'Settings' page that will need to be added by the ELAN programmer.



- Audio input gain values may be added on the 'Settings' page using the 'Text (Feedback)' control.
- Zone EQ & Lip Sync features may be configured & controlled using 'Sliders'. These are typically programmed in the zone 'Settings' page that will need to be added by the ELAN programmer.
- The 'System Off Feature' gives the programmer the choice to have the unit...
 - 'Always On': This will leave the unit & baluns powered on even though both zones have been turned off. This is default.
 - "Power System Down When Both Zones Are Off": This will turn the unit & baluns off. The RS-232 output will not respond for 2 minutes when powering up. If using the RS-232 to power the supported displays, you will need to program a delay in an event map to compensate for the balun booting up.

COMMON MISTAKES

1. RS-232 not working. Make sure you have the correct wires connected to Rx, Tx and GND. See ELAN SC controller documentation for complete pin out details.
2. No Audio from MIC input. Confirm type of MIC. Some microphones require phantom power to function. A 3rd party phantom power source will be required.

For more information about Atlona, go to <http://www.atlona.com>

ELAN DEVELOPER PARTNER INFORMATION

This ELAN driver was written and supported by:



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