Integration Note

Manufacturer:	AudioControl
Model Number(s):	**Director D2800, D4600**
Core Module Version:	g! 8.7
Comments:	
Document Revision Date:	10 May 2022

OVERVIEW AND SUPPORTED FEATURES

This driver is for the AudioControl Director D series amplifier via Ethernet, with two-way support for control and feedback.

THE FOLLOWING FEATURES ARE SUPPORTED BY THE DRIVER :

- Discrete input/output selection
- Volume and mute control
- Bass, treble, loudness and equaliser preset control
- Zone power control
- Lip sync control

THE FOLLOWING FEATURES ARE NOT SUPPORTED BY THE DRIVER:

These features should be pre-configured using the device's own set-up web interface:

- Output grouping

Once a group is set up it can be associated with a particular zone output of the driver.

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CONFIGURATION

It is recommended that the product is installed and configured by a suitably qualified engineer, prior to integration with this driver.

g! CONFIGURATION

The release package contains 2 driver file(s):

AudioControl_Director_D2800.EDRVC
AudioControl_Director_D4600.EDRVC

for IP control.

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

1. Obtain the latest version of the driver, as described above, and ensure you know the location of the extracted EDRVC driver files on your computer's hard drive.
2. Right click on the **Zone Controllers** heading and select **Add New Zone Controller**.
3. From the **Add New Zone Controller** window, choose **Search Folder** and navigate to your driver location, before clicking **OK**.
4. Select the driver you require and click on **OK.**
5. Configure the IP address of the device.
6. To make sure that the latest version of the driver is running, click **Update Driver** in the driver settings in Configurator**.**

DEFINING GROUP OUTPUTS

If outputs are grouped together on the Director then a zone of the driver can be chosen to represent that whole group. In Configurator, change one of the "Elan Zone X controls" drop-downs from the default of controlling the corresponding AudioControl zone to the desired group number. Doing this makes the Elan zone follow the chosen group status rather than the single zone status, so it is recommended that you use a zone that is part of the group. Note that a Configurator limitation means that only the first six zones are available to choose from.

HIDING LOCAL INPUTS

IMPORTANT! Each zone has an associated local input, e.g. Local 1-2 corresponds to Zone 1, Local 3-4 to Zone 2 and so on. This input is only available for use within that zone, however the driver is not able to impose this limitation. The installer **must** use Configurator to hide each local input in all zones except the one in which it is relevant.

g! CONFIGURATION DETAILS

The following table provides settings used in Configurator when connecting to the product. Please refer to the Configurator Reference Guide for more details. In the table below:

- "<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)	Settings (Serial)
Communication Devices	**Name**	*Not Applicable*	Not supported
	System #	*Not Applicable*	
	Device Type	*Not Applicable*	
	COM Port	*Not Applicable*	
	Protocol	*Not Applicable*	
	Baud Rate	*Not Applicable*	
	Flow Control	*Not Applicable*	
	Parity	*Not Applicable*	
	Data Bits	*Not Applicable*	
	Stop Bits	*Not Applicable*	
Zone Controllers	**Name**	<User Defined> (Default: <Auto Detect>)	
	System #	<Auto Detect>	
	Driver Version	<Auto Detect>	
	Driver Vendor	**Janus**	
	Device Type	**AudioControl Director D-xxxx**	
	Power Link	*Not Applicable*	
	Elan Zone *x* Controls	See "Defining Group Outputs" above	
	IP Address	<User Defined>	
	Port	<Auto Detect> (Default: **23**)	
	Communication Device	*Not Applicable*	
Sources	**System #**	<Auto Detect>	
	Source Device	<Select from list>	
	Display Icon	<Select from list>	
	Source Volume	<Auto Detect>	
	Display Name	<User Defined>	
Zones	**Name**	<User Defined> (Default: <Auto Detect>)	
	System #	<Auto Detect>	
	Universal Receiver	<Select from list>	
	Display 1	<Select from list>	
	Display 2	<Select from list>	
	Slave Zone 1	<Select from list>	
	Slave Zone 2	<Select from list>	
	Turn On Source	<Select from list>	
	Hide Volume	<Select from list>	
	Matrix Only	<Select from list>	
	Audio Return Input	<Select from list>	

USER COMMANDS

- Mute/unmute all zones
- Enable/disable signal sense on all inputs
- Global power on/off
- (per zone) loudness on/off
- (per zone) recall EQ setting

CUSTOM PAGES

Each output zone comes pre-configured with a settings page allowing adjustment of bass, treble, loudness and EQ mode. Where supported by the UI type, lip sync control is also available with the following limitations:

- Lip sync is only available for analogue outputs (a device limitation)
- There is no feedback of current lip sync level from the device (a device limitation)
- The Lip sync control is predefined on the UI page, however due to Configurator limitations it is not linked to the corresponding zone variable on installation. This link needs to be configured manually by the installer for each analog output by:
    - Selecting **Large Format** under **/UI/zone_settings.EMV**
    - Clicking on the **Lip Sync** control to bring up the **Slider Properties** dialog
    - Selecting ***device-name->output name*:LIPSYNC** in the **Connect To** drop-down where ***device-name*** and ***output-name*** match the output currently being configured
    - Pressing **Apply** to save the change
    - Selecting **Small Format** under **/UI/zone_settings.EMV** and repeating this sequence
- These configured links to the zone variable will be lost if the driver is ever updated and this configuration process will have to be repeated.

COMMON MISTAKES

1. Using the wrong driver file for the model type.
2. Entering the wrong IP address for the IP driver.
3. Forgetting to configure the Lip Sync control manually (see above).