



Integration Note

Manufacturer	Arcam
Model Number(s):	AVA15, AVA25, AVA35, AVP45
Core Module Version:	Minimum g! 8.6
Driver Version:	1.0.0
Comments:	
Document Revision Date:	29-July-2026

OVERVIEW AND SUPPORTED FEATURES

The Arcam AV3 ("Phase 3") models are high performance audio/visual receivers/processors. The Elan g! system communicates with the device via ethernet only, with full two-way support for control and feedback. Communication is entirely indication-driven - the driver does not poll the device for status.

SUPPORTED

- ✓ Discrete input/output selection (HDMI, Digital, Analogue)
- ✓ Network source (e.g. AirPlay) with Now Playing metadata (artist/track/album)
- ✓ Bluetooth source, with connection/codec status
- ✓ Zone power, volume and mute control
- ✓ Bass, Treble, Lip Sync delay and Room EQ preset selection
- ✓ Surround/upmixer mode selection, separately for 2 channel and multi-channel sources
- ✓ HDMI output switching and front panel display brightness control
- ✓ IR remote navigation
(Up/Down/Left/Right/OK/Back/Menu/OSD/Info/Decode)

NOT SUPPORTED

- ✗ Discovery of devices
- ✗ FM/DAB tuner control

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

ARCAM CONFIGURATION

- 1 It is recommended that the device is installed and configured by a suitably qualified engineer, prior to integration with this driver. To avoid the possibility of communication problems, the device should be configured with a static IP address (rather than using DHCP).

G! CONFIGURATION

The release package contains a separate driver file for each model listed above. It is recommended that you follow the installation process below to ensure you are running the latest version of the driver.

- 1 Obtain the latest version of the driver, and ensure you know the location of the extracted EDRVC driver files on your computer's hard drive.
- 2 Right click on the Communication Devices heading and select **Add New Communication Device**.
- 3 Click **Import...**
- 4 In the Import Driver dialog, select the appropriate driver for the device model and click **Open**.
- 5 Select the driver again and click **Install**.
The communication device will be installed, and will automatically add a Receiver, Net and Bluetooth source driver.
- 6 Enter the IP address of the device to connect to in the communication device.

G! CONFIGURATION DETAILS

The following table provides settings used in Configurator when connecting to the device. Please refer to the Configurator Reference Guide for more details. In the table below, **<User Defined>** means type in the desired name for the item, and **<Auto Detect>** means the system will auto detect this variable.

Communication Devices Arcam AV3 <model>

Variable Name	Settings (Ethernet)
Name	<User Defined>
System ID	<Auto Detect>
Install Date	<Auto Detect>
Type	Ethernet
Enable	<User Defined> (Default: On)
Driver	Arcam AV3 <model>
Version	<Auto Detect>
Vendor	Janus
IP Address	<User Defined>
Port	50000
Install Status	<Auto Detect> (read only)
MCU Version	<Auto Detect> (read only)
Max Volume Zone 1	<User Defined> (Default: 100)
Max Volume Zone 2	<User Defined> (Default: 100)
Disable UI Update	<User Defined> (Default: Off)

Name	JBL Synthesis SDP-60
System ID	32646
Install Date	30/7/2026 11:04 AM
Type	Ethernet
Enable	☒
Driver	JBL Synthesis SDP-60
Version	0
Vendor	Janus Technology
IP Address	172 . 16 . 112 . 133
Port	50000
Install Status	Driver installation complete
MCU Version	1032-114-131
Max Volume Zone 1	100
Max Volume Zone 2	100
Disable UI Update	☐

Example Communication Devices properties

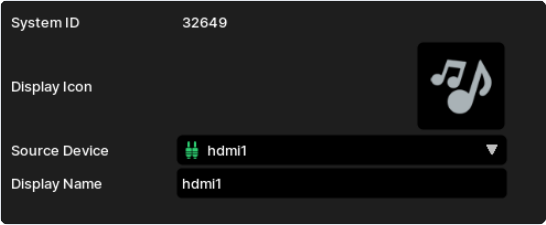
Zone Controllers Arcam AV3 Receiver

Variable Name	Settings (Ethernet)
Name	<User Defined>
Device Type	Arcam AV3 Receiver
System ID	<Auto Detect>
Enable	<User Defined> (Default: On)
Status Color Coding	<User Defined>
Status	<Auto Detect>
Driver Version	<Auto Detect>
Driver Vendor	Janus
Driver Type	<Auto Detect>
Install Date	<Auto Detect>
Powerlink	<Select from list>
IP Address	<Auto Detect>
Port	<Auto Detect>
Disable UI Update	<User Defined> (Default: Off)

Name	JBL Synthesis SDP 2 Zone Receiver
Device Type	JBL Synthesis SDP 2 Zone Receiver
System ID	32648
Enable	☒
Status Color Coding	Enable
Status	● Operational
Driver Version	0
Driver Vendor	Janus Technology
Driver Type	10237
Install Date	30/7/2026 11:04 AM
Powerlink	< NONE >
IP Address	172.16.112.133
Port	50000
Disable UI Update	☐

Example Zone Controllers properties

Variable Name	Settings (Ethernet)
System ID	<Auto Detect>
Display Icon	<Select from list>
Source Device	<Select from list>
Display Name	<User Defined>



Example Sources properties

Variable Name	Settings (Ethernet)
Name	<User Defined> (Default: <Auto Detect>)
System ID	<Auto Detect>
Location	<Select from list>
Universal Receiver	<Select from list>
Display 1	<Select from list>
Display 2	<Select from list>
Aux 1	<Select from list>
Aux 2	<Select from list>
Turn-On Source	<Select from list>
Show Volume in UI	<User Defined> (Default: On)
Matrix Mode	<User Defined> (Default: Off)
Volume Ducking	<Select from list>

Name	JBL Synthesis SDP 2 Zone Receiver
System ID	32667
Location	None ▼
Universal Receiver	< NONE > ▼
Display 1	< NONE > ▼
Display 2	< NONE > ▼
Aux 1	< NONE > ▼
Aux 2	< NONE > ▼
Turn-On Source	< NONE > ▼
Show Volume in UI	☒
Matrix Mode	☐
Volume Ducking	Disabled ▼

Example Zones properties

CUSTOM PROGRAMMING

The following event map commands can be accessed from **Audio Zone Controller > Arcam AV3 Receiver > Execute Function**:

Command	Description
Right	Navigate right (IR)
Left	Navigate left (IR)
Up	Navigate up (IR)
Down	Navigate down (IR)
OK	Select/confirm (IR)
Back	Go back (IR)
Menu	Open the on-device menu (IR)
Osd	Toggle the on-screen display (IR)
Info	Show device info (IR)
Decode	Cycle the decode mode (IR)
RoomEQOff	Turn Room EQ off
RoomEQ1On	Select Room EQ preset 1
RoomEQ2On	Select Room EQ preset 2
RoomEQ3On	Select Room EQ preset 3
SetHDMIOutputBoth	Set HDMI output to both outputs
SetHDMIOutput1	Set HDMI output to output 1 only
SetHDMIOutput2	Set HDMI output to output 2 only
DisplayFull	Set the front panel display to full brightness
DisplayDim	Set the front panel display to dim
DisplayDimmer	Set the front panel display to dimmer
DisplayOff	Turn the front panel display off

Surround/upmixer mode can be set separately for 2 channel and multi-channel sources via the **Surround Mode (2ch)** and **Surround Mode (MCH)** options on the Zone Controller. Bass, Treble and Lip Sync delay are available as integer variables.

Custom Commands

The following event map command string can be added from **Audio Zone Controller > Arcam AV3 Receiver > Send Command...** and entering the command in the **Options** parameter:

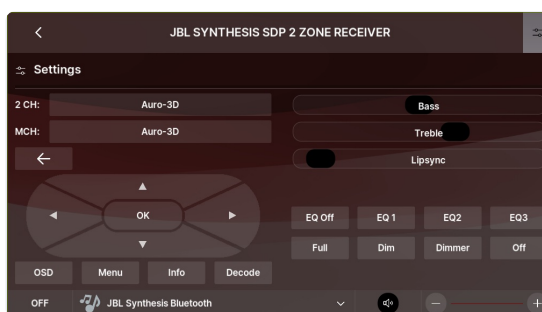
Command	Description
SEND_API_COMMAND	Send any API command to the device, letting an installer implement functionality they need that isn't already provided by the driver. Parameter: (string) the complete hex frame to send.

Example command:

```
SEND_API_COMMAND "21 10 00 ff 02 10 66 0d"
```

ZONE SETTINGS

The Zone Settings page presents the end user with a single screen of controls, each bound to one of the driver's Execute Function commands or integer variables. The settings page built into the driver binds the IR remote navigation, Room EQ preset and display brightness commands, together with the Bass, Treble and Lip Sync integer variables and the Surround Mode (2ch)/(MCH) selectors.



Zone Settings page

COMMON MISTAKES

- Ensure the IP address is entered correctly, and the latest version of the driver is installed.
- Ensure the device is on the same network as the Elan processor, and is working correctly (e.g. through the device's own front panel/web interface) independently of the control system.
- Ensure HDMI Bypass and IP is enabled on the device (see ARCAM Configuration above) if control while in standby is required.

CHANGE LOG

Version	Date	Notes
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Version	Date	Notes
1.0.0	2026-07-31	Initial Release Tested on: Elan processor: SC100 Elan OS: 3.10.52 (build: 1912260827) Elan version: 9.0 Build 39.0 Rel MCU: 1032-114-131, Network: CR443GP_4022_2, DSP: 1.51, Bluetooth: 2.18, HDMI: 336-04-49-13-04 Exceptions: Product firmware version is not being populated within the driver feedback. Zone 2 input feedback does not update when the input source is changed externally (outside of the driver). Lip sync adjustment is limited to 100 ms, despite documentation indicating a supported range of 0-250 ms. Mute, HdmiArc & NetworkStreaming source switching, NavigateDown, Bass, Treble, and High Volume controls are not functional. These exceptions are all caused by the tested product firmware; when new firmware is available these exceptions should be fixed with no change required to the driver.