



Integration Note

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| Manufacturer: | Arcam |
| Model Number(s): | AVR5, AVR10, AVR11, AVR20, AVR21, AVR30, AVR31, AVR40, AVR41 |
| Core Module Version: | g! 8.6 |
| Comments: | |
| Document Revision Date: | 10-August-2021 |

OVERVIEW AND SUPPORTED FEATURES

The Arcam AVR models are high performance audio/visual receivers.

The Elan g! system communicates with the AVR via ethernet only, with full two-way support for control and feedback.

Note: These drivers are designed to work with Arcam AVR firmware version 1.42/09. Earlier versions are not supported.

THE FOLLOWING FEATURES ARE SUPPORTED BY THE ARCAM AVR:

- Discrete input/output selection.
- Network source (e.g. for Deezer).
- Bluetooth
- Tuner (FM and DAB) and preset selection

THE FOLLOWING FEATURES ARE NOT SUPPORTED BY THE ARCAM AVR:

- Discovery of devices.

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

1. It is recommended that the AVR is installed and configured by a suitably qualified engineer, prior to integration with this driver. To avoid the possibility of communication problems, the AVR should be configured with a static IP address (rather than using DHCP).
2. In Order to power the device on while it is in standby mode, please enable the following setting HDMI Bypass and IP. To do this go to Menu > HDMI Settings set "HDMI Bypass and IP" to "On".

g! CONFIGURATION

The release package contains a driver file per model e.g. *Arcam_AVR10.EDRVC*.

It is recommended that you follow the below installation process in order 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**.
The upgrade location is now set.
4. Click **Cancel** from the **Add New Zone Controller** dialog.
5. Right click on the **Communication Devices** heading and select **Add New Communication Device**.
6. Select the appropriate driver for the device model and click **OK**.
The communication device will be installed, and will automatically add a receiver, net, Bluetooth and tuner source drivers.
7. Enter the IP address of the device to connect to in the communication device.
8. Choose a Poll time from the dropdown. The shorter poll time ("Normal") will mean feedback is more responsive, but more resources will be used on the Elan processor. The "Slow" poll time can be used if a lot of processor resources are in use by other drivers, and less responsive feedback is sufficient.

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

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Supported Event Map Commands

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

Right – increment frequency when on FM radio
Left – decrement frequency when FM source selected
Rescan – rescan when DAB source selected
OsdOn – Turn zone 1 OSD on
OsdOff – Turn zone 1 OSD off
SetHDMIout1 – Set HDMI output 1
SetHDMIout2 – Set HDMI output 2
SetHDMIout1and2 – Set HDMI output 1 and 2
DolbyVolumeOn – Turn the dolby system volume on
DolbyVolumeOff – Turn the dolby system volume off
DolbyLevellerUp – Increment dolby leveler setting
DolbyLevellerDown – Decrement dolby leveler setting
RoomEQ1On – Set room EQ 1 on
RoomEQ2On – Set room EQ 2 on
RoomEQ3On – Set room EQ 3 on
RoomEQOff – Set room EQ off
CompressionOff – Set compression off
CompressionMedium – Set compression to medium
CompressionHigh – Set compression to high
LipsyncUp – Increment the lip sync delay
LipsyncDown – Decrement the lip sync delay
SubwooferTrimUp – Increment the subwoofer trim
SubwooferTrimDown – Decrement the subwoofer trim
IMAXEnhancedOn – Set IMAX Enhanced to On
IMAXEnhancedOff – Set IMAX Enhanced to Off
IMAXEnhancedAuto – Set IMAX Enhanced to Auto
RequestSoftwareVersion – Request all software versions
UseAnalogAudioForSource – Set to use the analog audio for the current source
UseDigitalAudioForSource – Set to use the digital audio for the current source
UseHDMIForSource – Set to use HDMI for the current source
RequestDisplayBrightness – Request the brightness of the front panel display
DirectModeOn – Turn direct mode on
DirectModeOff – Turn direct mode off

COMMON MISTAKES

1. Ensure the IP address is entered correctly, and the latest version of the driver is installed.