Driver – D'Agostino Momentum MXV Integrated Amplifier RS-232

version 1.6.2

Driver

This release note is for the Crestron driver FridayForge_DAgostinoMXV.

This driver controls the D'Agostino Momentum MXV integrated amplifier over RS-232. It switches power, selects any of the six inputs, sets the volume, mutes, and reads the amplifier's state back so Crestron Home shows what the amplifier is doing. Power, every input, mute and the volume steps are also offered as actions for sequences.

Notes and Recommendations

Connect the amplifier's RS-232 port to an RS-232 port on the Crestron processor or on a connected control module, using a cable suited to the amplifier's connector. The driver uses 38400 baud, 8 data bits, no parity and 1 stop bit, with no flow control. These are fixed and cannot be changed in the driver.

While the amplifier is off, the driver sends only power commands until the amplifier is on. The driver reads the power state, input, volume and mute state of the amplifier regularly, so changes made at the amplifier or its remote appear in Crestron Home.

The volume range is 0 to 89.

Licensing. The driver works free for 2 hours after it starts. To keep using it, install the FridayForge License Manager and buy a licence for this driver at forgedbyfriday.com. A licensed driver keeps working only while the License Manager is installed and running on the same processor. While the driver is locked it sends no commands to the amplifier.

System Requirements and Dependencies

- Crestron Home OS 4.x with a V2 Processor
- A D'Agostino Momentum MXV integrated amplifier
- An RS-232 port on the Crestron processor or on a connected control module, wired to the amplifier
- FridayForge License Manager installed on the same processor (free, from forgedbyfriday.com)

Installation/Upgrade Instructions

Installation

- Copy the .pkg file to the Crestron Home Configurator and install it (Settings > Drivers).
- Add the device in the Configurator and choose the RS-232 port the amplifier is connected to.
- Assign the device to its room. Connect its audio inputs and outputs in the Configurator as for any audio device.

After you install a newer version of the driver, you do not need to remove it. If the update adds new settings, Crestron Home asks the installer to review them before the driver comes back online. If the driver needs to resync its information, Crestron Home may also ask for a processor reboot.

Installer Settings

Setting	Description
RS-232 port	The control port the amplifier is wired to. The serial settings (38400 baud, 8N1, no flow control) are fixed by the driver.

Using Driver Events in Sequences

This driver does not add events of its own. Use the amplifier's power, input, volume and mute feedback in Crestron Home as for any audio device.

Using Driver Actions in Sequences

These actions are available in Actions & Events:

Action	What it does
Power On / Power Off	Turns the amplifier on or off.
Input - Server, DAC, Theater, Radio, Phono, Dock	Selects that input.
Mute On / Mute Off	Mutes or unmutes the amplifier.
Volume Up / Volume Down	Raises or lowers the volume by one step.

Volume level, input selection, power and mute are also available through the normal Crestron Home audio controls.

End-User Experience

The amplifier appears in Crestron Home as an audio device. The room's audio controls show power, the selected input, volume and mute.

Limitations/Known Issues

- The driver reads the amplifier's state by asking for it regularly, so a change made at the amplifier can take a moment to appear in Crestron Home.
- While the amplifier is off, only power commands are sent.
- Volume steps are whole numbers from 0 to 89.
- While the driver is locked (trial ended and no licence) it sends no commands to the amplifier.

Supported Features

- Power on and off, with feedback
- Six inputs: Server, DAC, Theater, Radio, Phono and Dock, with feedback
- Volume set, up and down, with feedback
- Mute on and off, with feedback
- Actions for power, every input, mute and volume steps

Test Environment

- Crestron Home OS 4.x

Supported Models

D'Agostino Momentum MXV

Contact Information

Company: FridayForge
Author: Aaron Johnson
Email: aaron@forgedbyfriday.com
Website: forgedbyfriday.com

Version History

1.6.1 2026-11-18

Changes since Last Version

New Features

- Initial release

Licensing and Copyright Information

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource

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