

NAD AVR/AMP SERIAL DRIVER WITH VOLUME FEEDBACK

Revision: 1.02

Date: 01 September 2025

LICENCING

Please visit <https://shop.ultamation.com/index.php/product/184-nad-t778-for-crestron-home> to obtain a licence key for your Crestron processor.

IDENTIFICATION

The Ultamation modules can be differentiated from the older Crestron modules (which do not provide volume feedback) by the names suffix of "(with Volume)".

MODULE DESCRIPTION

The NAD AVR/Amp Serial module supports the following functionality:

- ✿ Serial Communications
- ✿ Discrete Power Control
- ✿ Power Feedback
- ✿ Discrete Input Selection
- ✿ Input Feedback
- ✿ Discrete Volume Control (not available on older modules)
- ✿ Volume Feedback (not available on older modules)
- ✿ Discrete Mute Control
- ✿ Mute State Feedback

Even though the unit may support additional functionality, this may not be exposed within Crestron Home. Manufacturers should contact Ultamation on support@ultamation.com if they wish additional feature support.

The driver has been tested with the C368 amplifier with an HDMI MDC expansion card. These inputs are mapped to Inputs 9-12. (HDMI 1-3, HDMI ARC)

SUPPORT

If you have any issues with an integration solution please let us know by contacting Ultamation support on support@ultamation.com and please include as much detail about your issue as possible, such a recent processor error log.

Licence verification messages are posted to the error log, so please ensure you have checked this.

LICENCING

This integration solution (including software, images and all other associated assets distributed as part of the purchased download package) is licenced on a PER PROCESSOR basis.

A purchase should not be completed without correct information as refunds cannot be issued for errors or changes made to details following purchase.

This is an electronic product and there is no physical delivery.

The integration solution is provided without any warranty with respect to the reliability of the controlled device or changes to device protocol. We will endeavour, through best efforts, to maintain the integration solution's functionality and any bug fixes will be provided free-of-charge. Additional functionality may be released as a variation of this integration solution and this will be a separate, purchasable, product.

CLOUD LICENCE

This integration solution contacts Ultamation's licencing server at startup. If the server finds a matching licence for the integration solution and processor then the integration solution will be licenced. Otherwise, the integration solution will check the offline licence key. If you purchase a licence **after** you have loaded the integration solution, please reboot the system to see changes take effect.

If you purchased a licence **before** it was migrated to the cloud service, i.e. you have a licence key already, you must enter this into the **Offline Key** user attribute. If you purchased the integration solution **after** it was migrated, and you don't have a licence key, no further action is required.

If no licence exists for the product/processor the integration solution will enter a short trial period (ONE HOUR) to allow for verification of correct control or evaluation.

To request an OFFLINE key, please contact support@ultamation.com with your order details and a brief explanation why you REQUIRE offline activation. Ultamation reserve the right to refuse offline activation.

NOTE: Once an offline key has been issued no further licence changes will be granted. Moving the integration solution to a new processor will require an additional licence purchase.