

Hardware Installation and Operation Manual

Neo Suiteview™ **Product Release Notes**

Edition C

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Publication Information

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NEO SuiteView Hardware Installation and Operation Manual

About This Document

This document provides updates to the release of the *NEO SuiteView Hardware Installation and Operation Manual, Edition C* including the following items:

- [“NEO SuiteView Firmware Version 3.0”](#)
- [“Resetting Analog Audio Calibration Potentiometers on NSV-AUDIO-BO Breakout Modules”](#)
- [“Viewing Audio Alarms in CCS Software Applications”](#)

These updates apply to the product version that is currently shipping.

NEO SuiteView Firmware Version 3.0

If your NEO SuiteView has been shipped with version 3.0 firmware or higher, or if you have upgraded your existing NEO SuiteView firmware to 3.0 or higher, it is recommended that you install and operate your system with Layout Designer version 3.0 for NEO SuiteView. Otherwise, some features might not be available or will not work properly.

Resetting Analog Audio Calibration Potentiometers on NSV-AUDIO-BO Breakout Modules

Some early versions of the NSV-AUDIO-BO breakout module have factory calibrated potentiometers for input analog audio nominal operating level. If you have audio input modules installed in your system, you can now use Layout Designer Version 3.0 to set the analog audio calibration.



Note

If your NSV-AUDIO-BO breakout module has no potentiometers, or if you are not adding additional audio input modules to an existing system, you can disregard this Release Note item.

If you have an NSV-AUDIO-BO breakout module with factory calibrated potentiometers for input analog audio nominal operating level, choose from one of the following options:

- To use Layout Designer's analog audio calibration feature, you must manually reset the factory calibration setting of your NSV-AUDIO-BO breakout module to zero and set the nominal operating level with Layout Designer version 3.0 software. For more information, see [“Resetting Your NSV-AUDIO-BO Module Potentiometers to Zero” on page 2.](#)

OR

- If you do not want or do not need to manually reset the factory calibration setting of your NSV-AUDIO-BO breakout module, you can instead set Layout Designer's **Analog Audio Calibration** setting to **0** (which is the default setting). For more information, see [“Setting the Layout Designer's Audio Calibration Setting to Zero” on page 4.](#)

Resetting Your NSV-AUDIO-BO Module Potentiometers to Zero

Depending on the factory calibration setting of your NSV-AUDIO-BO breakout module, you may need reset the calibration value to zero by turning the potentiometer trim-pots to the **full counter-clockwise** position. Otherwise, your analog input audio will not be properly calibrated. After you have reset the NSV-AUDIO-BO potentiometers to zero calibration, you can then use Layout Designer version 3.0 for NEO SuiteView to properly calibrate the analog input audio. For information about using Layout Designer to calibrate analog audio, see your *Layout Designer For NEO SuiteView Software Application User Guide*.

The calibration settings of your NSV-AUDIO-BO module's potentiometers are displayed on the module's circuit board. [Figure 1-1](#) shows the location of the potentiometer calibration settings.

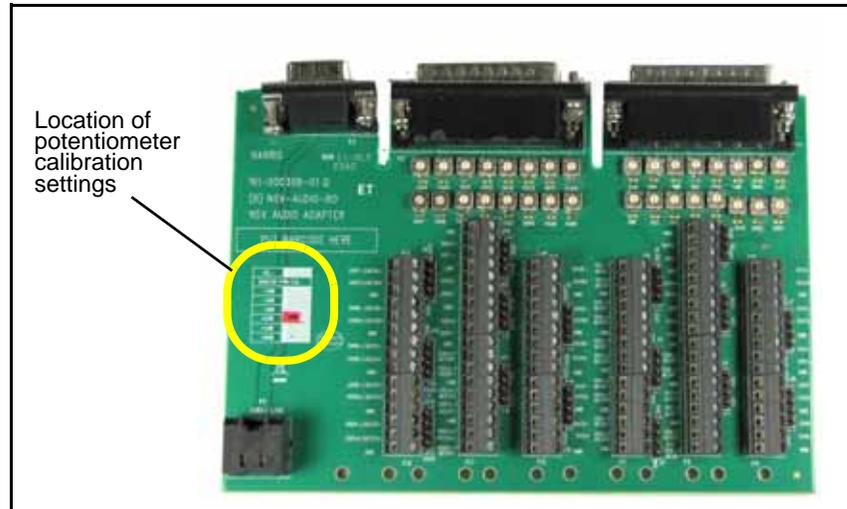


Figure 1-1. Location of Potentiometer Calibration Settings

The black arrow (surrounded by red) label on the module indicates the specific calibration setting of the potentiometers on your NSV-AUDIO-BO. If the arrow indicates that you module's potentiometers are calibrated with **-3dB**, **0dB**, **+2dB**, **+4dB**, or **+8dB**, you will need to reset the potentiometers. To do this, turn the potentiometer's trim-pots to the full counter-clockwise position. [Figure 1-2](#) shows the module labels of NSV-AUDIO-BO breakout modules that require resetting.

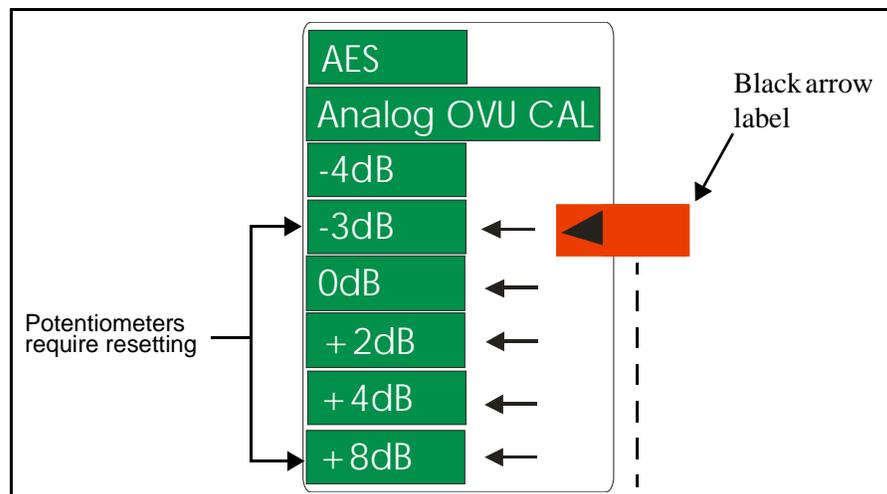


Figure 1-2. Potentiometers Requiring Resetting

Setting the Layout Designer's Audio Calibration Setting to Zero

If you do not want to manually reset the factory calibration setting of your NSV-AUDIO-BO breakout module, you can instead set Layout Designer's analog audio calibration setting to **0**. When you set the Layout Designer's **Analog Audio Calibration** setting to **0**, only the factory calibrated settings of your NSV-AUDIO-BO breakout module are applied to the input analog audio.



Note

When you use Layout Designer to calibrate your analog audio input modules, the setting applies to all of the analog audio modules installed in the system. Therefore, if you have a mixture of two different types or calibrated audio breakout modules, then you must reset all potentiometers to by turing the trim-pots to the **full counter-clockwise** position to make them the same.

Figure 1-3 displays the Layout Designer's **Analog Audio Calibration** setting set to **0**.



Figure 1-3. Setting the Layout Designer Analog Audio to 0.

For information about using Layout Designer to calibrate analog audio, see your *Layout Designer For NEO SuiteView Software Application User Guide*.

Viewing Audio Alarms in CCS Software Applications

Alarm conditions for audio inputs on NSV-AUD16 and NSV-AES16 audio modules cannot be viewed in the **Alarms** tab of your CCS software application. Alarm conditions for NSV-AUD16 and NSV-AES16 audio modules are reported in the **Status AudioProc** section of the system's video input module parameters (see [Figure 1-4](#)).

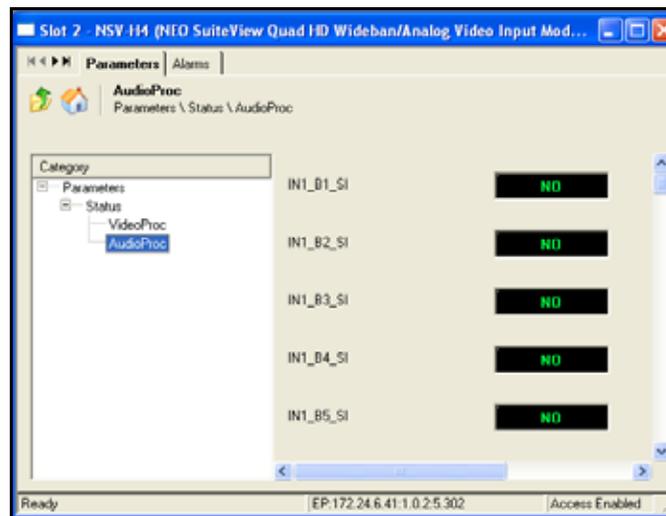


Figure 1-4. AudioProc Status Parameters

For more information, see the “[Input Module Status Parameters](#)” section of your *NEO SuiteView Multiviewer Hardware Installation and Operation Manual*.