

AudioEdge™ XLR-Analog-Input/Output 1.0.0

- Release Date: July, 2026.

Feature Enhancements

A number of features have been added, or updated, to this version of software. This section provides a brief introduction to these features, and how to use them.

Known Issues and Limitations

Keep these notes in mind when upgrading your system to this version of software. Contact Ross Video Technical Support if you have any questions about performing a software upgrade.

Operational Notes

The following issues have been identified when working with the switcher:

- **DATA Port Unsupported** — The USB DATA port is not available at this time.
- **MADI over SDI Unsupported** — MADI is only supported over the SFP interface at this time.

Security & Network Vulnerabilities

The following exploits have been identified:

- **CVE-2024-6387: Remote Unauthenticated Code Execution Vulnerability in OpenSSH server** — At this time this exploit is only theoretical for 64-bit operating systems such as that used in AudioEdge™ XLR-Analog-Input/Output.

Upgrade File Verification

All the upgrade files for this version of AudioEdge™ XLR-Analog-Input/Output can be independently verified using the GNU Privacy

Guard application and the signature file provided with the download.

Note: Each file has a corresponding signature file.

You will need to download and install the GNU Privacy Guard (GPG) application for the computer you want to use to verify the download files. Please visit <https://gnupg.org/index.html> to get the latest download and follow the installation instructions.

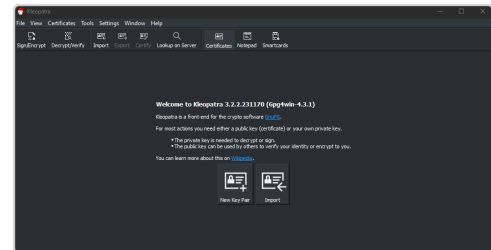
To Verify the Upgrade Files

Each upgrade file is verified independently.

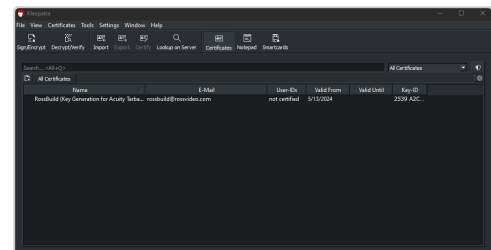
Download and install the GPG verification tool from <https://gnupg.org/index.html>.

Note: The signature files are located in the download package for software upgrades.

1. Launch the **Kleopatra** application installed by GPG.



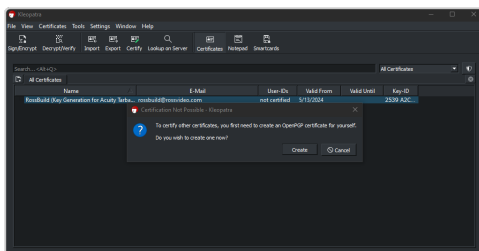
2. Click **Import** and select the **publickey.gpg** file.



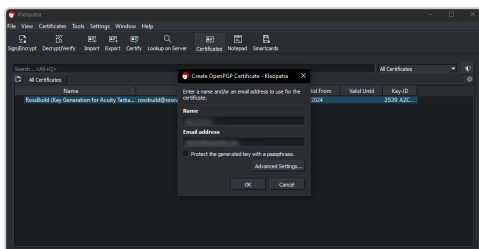
3. Right-click on the new Rossbuild entry and click **Certify**.

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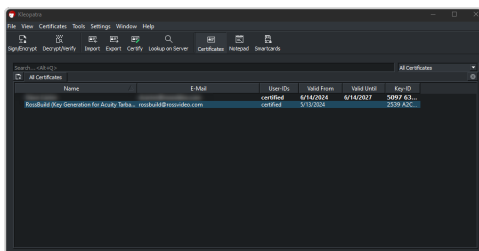
AudioEdge



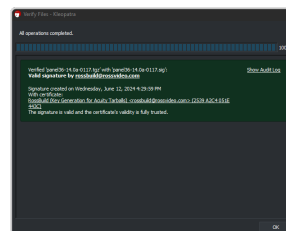
4. Click **Create**.



5. Enter a name and email address in the **Name** and **Email address** fields and click **OK** to create a local certificate with those credentials.



6. Click **Decrypt/Verify** and select the signature file (for example upgrade-####.audioedge.sig) for the upgrade file that you want to verify. It will have the same filename as the upgrade file but with a .sig extension.
7. Click **Open**.
8. Select the upgrade file (for example upgrade-####.audioedge) that you want to verify.
9. Click **Open**.
10. The application will check the file against the signature and verify it.



Important: If an upgrade file does not pass verification, do not use the files and contact Ross Video Technical Support.

11. Verify the other upgrade files with their corresponding signature files (.sig).

AudioEdge™ Upgrade

There are several components to the AudioEdge™ XLR-Analog-Input/Output system. Although each of these components is upgraded individually, each component is interdependent with the others and only specific combinations of software versions are supported.



Important: Although the system may operate with a software mix-match, some features may not be available or performance may be unpredictable.

Software Compatibility

Before installing any software, review the following version compatibility information.

Table 1: Version Compatibility

Software	Version	To Verify
AudioEdge™	1.0.0	The current version is shown on the Status page in DashBoard.
DashBoard	9.16.1	Refer to the documentation that came with DashBoard for information on getting the current version number.

To Upgrade the System Software

Use DashBoard to upload the upgrade file to the system.

Note: Save your system setup information to a set on a separate USB drive before upgrading. This system set can be

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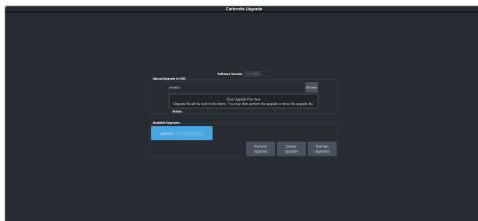
used as a backup in case there is a critical error during the upgrade.

Tip: System sets are not always backwards compatible. Keep an archive copy of your sets in case you want to downgrade to the previous software version.



Important: Do NOT turn the system power off during the upgrade. Doing so may corrupt the system software or damage the system components.

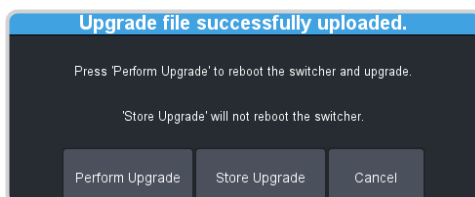
1. Click **Navigation Menu > Configuration > System > Upgrade.**



2. Locate the software upgrade file (upgrade-x.x.x.xxxx.audioedge) for the system.

Tip: You can store the upgrade file to the USB in the system without upgrading. For example, you can upload the regular and Mosaic upgrade files to the USB so that you can quickly switch between them.

3. Drag and drop the upgrade file into the **Drag and Drop Upgrade** area on Dashboard. The file is uploaded and you are asked what you would like to do with the file.



- **Perform Upgrade** — perform the upgrade with the file that was just uploaded.
- **Store Upgrade** — store the file locally in the upgrade folder.
- **Cancel** — cancel the process and delete the upgrade file from the system.

Tip: You can also upgrade from the USB. All upgrade files located on the USB are shown listed. Click the file you want to use and click **Perform Upgrade.**

Tip: You can also upgrade by clicking **Browse**, locating the upgrade file, and then clicking **Upload File.**

Tip: You can delete an upgrade file by selecting the file and clicking **Delete Upgrade.**

4. Click **OK** to confirm the upgrade.
5. Wait for the Dashboard pages to come back up. This may take a few minutes.
6. Click **Navigation Menu > Status / Power > Power > Prepare to Shutdown** and power cycle the system by powering the system off and then powering it on again.

The system will come up with the new software version.