

K2 Dyno PA Release Notes

Version 1.0.0

These release notes contain the most recent information and supersede previous publications, as of *June 11, 2010*. Check the Grass Valley website at www.grassvalley.com/docs for an updated version that contains additional important information.

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Grass Valley Product Support

To get technical assistance, check on the status of a question, or to report a new issues, contact Grass Valley Product Support via e-mail, the Web, or by phone or fax.

Web Technical Support

To access support information on the Web, visit the product support Web page on the Grass Valley Web site. You can download software or find solutions to problems.

World Wide Web: <http://www.grassvalley.com/support/>

Technical Support E-mail Address: gvgtechsupport@grassvalley.com

Telephone Support

Use the following information to contact Product Support by phone.

International Support Centers

Our international support centers are available 24 hours a day, 7 days a week.

Support Center	Toll free	In country
France	+800 80 80 20 20	+33 1 48 25 20 20
United States	+1 800 547 8949	+1 530 478 4148

Authorized Local Support Representative

A local support representative may be available in your country. To locate a support center during normal local business hours, refer to the following list. This list is regularly updated on the website for Grass Valley Product Support

(<http://www.grassvalley.com/support/contact/phone/>)

After-hours local phone support is also available for warranty and contract customers.

Region	Country	Telephone
Asia	China	+86 10 5883 7575
	Hong Kong, Taiwan, Korea, Macau	+852 2531 3058
	Japan	+81 3 6848 5561
	Southeast Asia - Malaysia	+603 7492 3303
	Southeast Asia - Singapore	+65 6379 1313

Region	Country	Telephone
Pacific	India	+91 22 676 10300
	Australia	1 300 721 495
	New Zealand	0800 846 676
	For callers outside Australia or New Zealand	+61 3 8540 3650
Central America, South America	All	+55 11 5509 3440
North America	North America, Mexico, Caribbean	+1 800 547 8949; +1 530 478 4148
Europe	UK, Ireland, Israel	+44 118 923 0499
	Benelux – Netherlands	+31 (0) 35 62 38 421
	Benelux – Belgium	+32 (0) 2 334 90 30
	France	+800 80 80 20 20; +33 1 48 25 20 20
	Germany, Austria, Eastern Europe	+49 6150 104 444
	Belarus, Russia, Tadjikistan, Ukraine, Uzbekistan	+7 095 258 09 20; +33 (0) 2 334 90 30
	Nordics (Norway, Sweden, Finland, Denmark, Iceland)	+45 40 47 22 37; +32 2 333 00 02
	Southern Europe – Italy	Rome: +39 06 87 20 35 28 ; +39 06 8720 35 42. Milan: +39 02 48 41 46 58
	Southern Europe – Spain	+34 91 512 03 50
	Switzerland	+41 56 299 36 32
	Middle East, Near East, Africa	Middle East
Near East and Africa		+800 80 80 20 20; +33 1 48 25 20 20

Version compatibility

Versions qualified for compatibility with this release of software are summarized in the following sections.

System requirements

To run K2 Dyno PA, you need the following system requirements.

Component	Notes
At least one K2 Production Client, K2 Solo Media Server, or K2 Media Client.	Dyno PA is compatible with K2 3.3.x systems (except for the Browse feature) and K2 7.2.x systems.
A PC to run the Grass Valley platform service.	One platform service can accommodate multiple Dyno PA clients.
At least one PC to run the Dyno PA client application.	The Dyno PA application and the platform service can be run from the same PC.

Software requirements

Before installing K2 Dyno PA, verify the software requirements.

K2 Dyno PA

The K2 Dyno PA application has the following software requirements:

Software	Version	Notes
Microsoft .Net Framework	3.5 SP1	
Microsoft DirectX SDK	August 2009	
Quantum SNFS software	Use the version of SNFS software specified for your version of K2 Summit 7.2.x software. For more information, refer to the <i>K2 Release Notes & Upgrade Instructions</i> for your version of the 7.2.x software.	Needed if using the Browse feature.

K2 Media Client

The K2 Media Client has the following software requirement:

Software	Version	Notes
K2 software	3.3x. For information on configuring the K2 software, consult the K2 Media Client documentation.	The Browse feature is not supported.

K2 Summit Production Client/K2 Solo Media Server

The K2 Summit Production Client/K2 Solo Media Server has the following software requirements:

Software	Version	Notes
K2 software	7.2.7.1330 or higher. For information on configuring the K2 software, consult the K2 Summit Production Client documentation.	The Browse feature is supported.
Quantum SNFS software	Use the version of SNFS software specified for your version of K2 Summit 7.2.x software. For more information, refer to the <i>K2 Release Notes & Upgrade Instructions</i> for your version of the 7.2.x software.	Needed if using the Browse feature.

In addition, the K2 Summit Production Client/K2 Solo Media Server must have the following:

Component	Notes
A unique file system name and storage disk labels.	If K2 Summit 7.2x software was installed on this system, it already has a unique file system name and storage disk labels. If upgrading to K2 Summit 7.2x software from a previous version, refer to <i>Creating a unique file system name and storage disk labels</i> in the <i>K2 Dyno PA Configuration Manual</i> .
Dyno PA-specific network adapter order.	For more information, refer to <i>Ordering the network adapters for K2 Dyno PA</i> in the <i>K2 Dyno PA Configuration Manual</i> .

K2 Dyno Replay Controller

The K2 Dyno Replay Controller has the following software requirement:

Software	Version	Notes
K2 Dyno Replay Controller	1.6.0.120 For information on the K2 Dyno Replay Controller software, consult the K2 Dyno Replay Controller documentation.	If using a K2 Dyno Replay Controller with the K2 Dyno PA system.

Hardware requirements

Before installing K2 Dyno PA, verify the hardware requirements.

The Dyno PA application and the Grass Valley platform service have the same hardware requirements, with the exception of the video board. The hardware specifications are listed in the following table.

Component	Required hardware
Platform	PC desktop or laptop Core 2 Duo @ 2 GHz minimum
Operating system	English (US) Windows XP 32b SP3
Video board	Integrated or discrete graphics with a minimum of 128 MB of memory (not required for the platform service)
RAM	2 GB (minimum)
Network	1 GigE Ethernet
Disk	80GB 7200 rpm
Keyboard and mouse	Standard

About K2 Dyno PA licensing

K2 Dyno PA requires a floating (not node-locked) license from Grass Valley. Licensing is enforced on the Grass Valley platform service, so every machine running the service must have a valid license in place. When the Grass Valley platform service is installed, it places license request wizards on the Windows desktop, one for each type of Dyno PA license.

Dyno PA software installs with a trial license in place. You must obtain a permanent license from Grass Valley and install it on the machine before the trial period expires.

About software licensing

Licenses are requested through the License Wizard and managed through the SabreTooth License Manager, which is installed on the Grass Valley product with the Grass Valley software. The License Wizard and SabreTooth License Manager must be located on the Grass Valley product.

License information is stored in text files that you can manage just like any other file on your system. Licenses are unique to the system for which they are requested and cannot be used on any other machine. You should back up the license text files to a separate drive or as part of a recovery image.

Licenses are based on your system's unique identifier, which is partially derived from your system's Media Access Control (MAC) address. If you change your system's MAC address by performing operations such as changing the System Processor card, you must obtain a new license based on the new MAC address.

Requesting a license

Software licenses are unique to the system for which they are purchased. They cannot be used on any other system. This requires that you provide a generated unique ID for the desired system to Grass Valley, which is then used to create your unique license.

1. Log on to the device that you want to license.

You must log in as a Windows administrator with a local account, not a domain account.

2. Open the License Request Wizard.

Find the License Request Wizard shortcut on the Windows desktop.

The License Request Wizard displays.

3. Read the on-screen instructions, then click **Next**.

The Customer dialog box displays.

4. Enter the information requested on this page then click **Next**.

You must provide a valid email address to receive your license file.

The Sales Number dialog box displays.

5. Enter the Sales Order Number in the field then click **Next**.

Typically the Sales Order Number is found on the Software License sheet that you received with your Grass Valley product.

The Summary dialog box displays.

6. Review the License Request information and click **Finish**.

A License Request text file, *License_Request_<SalesNumber>.txt*, is generated and saved to the Windows Desktop.

NOTE: If you are requesting licenses for more than one application, be sure to modify the name of the first License Request text file before saving it to your desktop. (In Notepad, use the Save As command.) Otherwise, the second License Request text file will overwrite it.

7. If you have K2 Summit Production Client or K2 Solo Media Server and if the write filter is currently enabled, be aware that files on the desktop are lost on restart. Therefore do one of the following:

- Save the License Request text file(s) to a different location.
- Keep the K2 system running (do not restart) until after you have requested the license(s).

8. Do one of the following:

- Attach the License Request text file to an email.
- Paste the text directly into an email message.

You might want to keep a copy of the message for your records.

9. Send the email as instructed by the License Request Wizard.

An email will be sent from Grass Valley to the return email address you specified; your SabreTooth software license will be provided as a text file.

10. Save this email in case you ever need to re-image this machine.

Next add the license to the SabreTooth License Manager.

If you encounter difficulties when requesting a license

If you encounter difficulties when running the License wizard, try this alternate method:

1. Generate a unique ID of the device where you will install software, as follows:
 - a) Click on the License Manager icon on the Windows Desktop.

The SabreTooth License Manager opens.
 - b) Choose **File | Generate Unique Id** the License Manager.
 - c) Click **Copy to clipboard** to copy the generated ID, and **OK** to exit.
2. Prepare an email that includes the following information:
 - Customer Name
 - Customer Email
 - Sales Order Number
 - Unique ID of the device where you will install software.
3. Send the email to K2License@Thomson.net

The SabreTooth license number will be emailed to the email address you specified.

Adding a license

Your software license, *Licenses_<SalesNumber>.txt*, is provided as a text file. Use the License Manager to add this file to your system and enable the desired feature.

1. If adding a license on the K2 Summit Production Client, if you have not already done so, disable the write filter.
2. Click on the License Manager icon on the Windows Desktop.

The SabreTooth License Manager opens.
3. Do one of the following:
 - Choose **File | Import License** and navigate to the file location to open the text file.
 - Drag and drop the text file onto the License Manager.

You will now see the permanent license in SabreTooth, as well as any other licenses, permanent or temporary, that have been installed on this machine.

4. On the K2 Summit Production Client, if you have completed your changes, enable the write filter.

Once you have added the permanent license, you can delete the temporary license. If the temporary license is still in SabreTooth you will continue to get temporary license notifications, even with the permanent license installed, unless you delete the temporary license.

You should save the permanent license to a backup system.

Archiving licenses

You can archive your licenses to a secure external location. This allows you to quickly re-install a license should it be deleted or should you have to downgrade and then re-license the software. You can archive multiple licenses at the same time.

***NOTE:** If you downgrade to an earlier version of the licensed software, make sure to archive the licenses first.*

1. In the SabreTooth License Manager, select the license or licenses.
2. Choose **File | Export License** to open the Save As dialog box.
3. Assign a meaningful name to the file, and save it to the desired location. Grass Valley recommends saving the license file to a USB drive or other external location.

Deleting licenses

Deleting a license disables the feature that it enabled. You might want to delete a temporary license prior to its expiry if you have decided not to purchase the feature. You can delete a temporary license after the permanent license has been installed without disabling the licensed product.

1. If deleting a license on the K2 Summit Production Client, if you have not already done so, disable the write filter.
2. Select the license in the SabreTooth License Manager.
3. Use the Delete key on your keyboard or right click with your mouse and select **Delete**.
4. On the K2 Summit Production Client, if you have completed your changes, enable the write filter.

Operation Considerations

- **DLC server limitations** -- Regardless of the number of K2 Summit systems being monitored, when configuring DLC software on a K2 Summit system Grass Valley recommends that there be no more than three K2 Summit systems listed in the FsNameServers file. One of these K2 Summit systems must be powered up first, before any K2 Dyno PA clients. For more information on DLC configuration, see the *K2 Dyno PA Configuration Manual*.
- **Using K2 Dyno PA with a Firewall**-- Grass Valley recommends that K2 Dyno PA be run without a firewall. If a firewall is necessary, ensure that port 49173 is allowed full access on the PC with the Grass Valley platform service installed and all PCs running the K2 Dyno PA application.
- **Deleting assets in search queries** -- If K2 Dyno PA is set to search all bins, assets in the recycle bin appear in the search query. To avoid this, you can empty the recycle bin or configure Dyno PA to specifically search all other bins except for the recycle bin.
- **Network connection for the Grass Valley platform service** --The machine running the platform service must have a valid network connection.
- **Host tables** -- Dyno PA must use a host table that is in sync with the host table on its K2 system.
- **QuickTime and long GOP MPEG** -- Dyno PA cannot browse QuickTime or long GOP MPEG files.