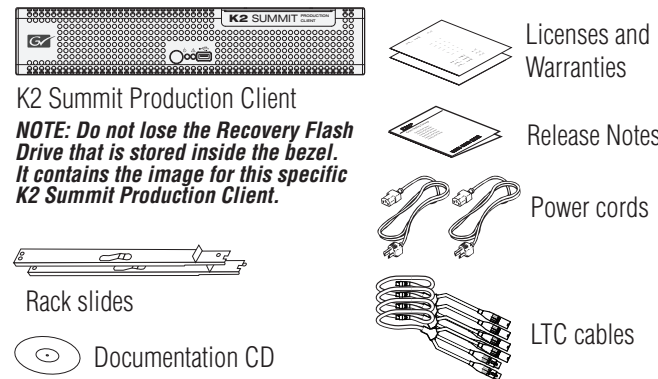


# K2 Summit Production Client Quick Start Guide

071-8722-00 October 27, 2009

Before you begin, unpack the following items...



...and locate the documentation you need.

## Documentation path to install K2 client with internal storage



## Documentation path to install K2 client with shared or direct-connect storage



\*Cabling Guide packed with RAID primary chassis

## 1. Make cable connections

**Bi-directional channels**

Each channel (C1, C2, etc.) can be an input (record channel) or an output (play channel). Connect video/audio IN and OUT to each channel, as appropriate for your intended use.

**SDI connections**

IN1 - Active  
IN2 - Not used  
IN3 - Not used  
OUT1 - Active  
OUT2 - Monitor Out. Configurable to display timecode.

**Ethernet cabling**

**Internal or direct-connect storage:**  
-Port 1 - Control network  
-Port 2 - FTP/Streaming  
-Ports 3 & 4 - Not used

**Shared iSCSI storage basic:**  
-Port 1 - Control network  
-Port 2 - Media (iSCSI) network

**Shared iSCSI storage redundant:**  
-Port 1 & 4 - Control network  
-Port 2 - Media (iSCSI) network A  
-Port 3 - Media (iSCSI) network B

**Shared FC storage basic:**  
-Port 1 - Control network

**Shared FC storage redundant:**  
-Port 1 & 4 - Control network

**1** Make connections as desired on each channel

**2** Connect network cables to Ethernet ports

**3** Connect keyboard and mouse

**4** Connect VGA monitor

**5** Connect power cord

**5** Connect power cord

Optional Fibre Channel card for connection to standalone direct-connect storage or shared Fibre Channel storage.

Make other connections as needed. Refer to the *K2 System Guide* for complete instructions.

## 2. Start up

- Before power on, take note of the chassis serial number, located behind the bezel/fan.
- Locate the Recovery Flash Drive, which is labeled with this unit's serial number. Make sure it remains stored with this specific unit.
- Replace the bezel/fan and identify the following: Standby switch, Power LED, Service LED.
- Press the standby switch to power on.
- Log on with the default Windows admin account:
  - Username: Administrator
  - Password: adminK2
- On the Windows desktop, check the system tray. When the network icon indicates connectivity, the K2 Summit Production Client is operational.

**Normal startup sequence**

Power LED goes on and stays on. Service LED stays off.

## 3. Disable write filter

The K2 Summit Production Client has a file-based write filter to protect from changes and increase on-air reliability. The write filter must be disabled before making changes and enabled after changes are complete.

Disable the write filter as follows:

- Click **Start | All Programs | Grass Valley | Write Filter Utility**. FBWF Manager opens.
- Set Filter to **Disable**.
- Click **OK**.
- When prompted, restart the K2 Summit Production Client.

To enable the write filter, set Filter to **Enable** and restart.

## 4. Configure network and, if necessary, storage

- Use SiteConfig as appropriate for your K2 system and on-site networking.
  - **Stand-alone internal or direct-connect storage** – Install SiteConfig on a control point PC, discover the K2 Summit Production Client, and configure network interfaces.
    - Configure Control Team for the control network.
    - If desired, configure Media Connection #1 for the FTP/Streaming network.
 Refer to *K2 Release Notes* for instructions.
  - **Shared storage** – Configure network interfaces as instructed in the *K2 SAN Installation and Service Manual*.
- Configure network name resolution via host files or otherwise, as required by on-site networking. FTP/Streaming network hostnames must include “\_he0” suffix.
- Configure storage as follows:
  - **Internal storage** – No storage configuration is necessary. Storage is pre-configured.
  - **Direct-connect storage** – Use Storage Utility to Bind RAID disks and make file system. Refer to the *K2 System Guide*.
  - **Shared storage** – Use the K2 System Configuration application to add the K2 Summit Production Client to the K2 SAN and configure it on the SAN. Refer to the *K2 SAN Installation and Service Manual*.

**Default network settings**

DHCP is enabled and the chassis serial number is the hostname.

**Ethernet connection names**

| This rear panel GigE port... | Is named this in Windows Network Connections... |
|------------------------------|---|
| 1                            | Control Team (Control Connection #1)            |
| 2                            | Media Connection #1                             |
| 3                            | Media Connection #2                             |
| 4                            | Control Team (Control Connection #2)            |

## 5. Configure channels

- Open AppCenter and logon with the K2 administrator account (K2Admin/K2admin). If a licensing message appears, refer to *K2 Release Notes*.
- Click **System | Configuration**.
- Click tabs, buttons, and scroll bar to locate settings.
- Select from drop-down lists to make settings.
- Click **OK** and **Yes** to save settings.
- When changes are complete, enable the write filter.

Continue with Quick Start procedures on the reverse side.



## 5. Record and play

### Bi-directional channels

A channel becomes an input channel when you begin recording. The same channel becomes an output channel when you load a clip for playback.

- 1 Select a channel
- 2 Begin record
- 3 Stop record
- 4 Drag a clip into the channel
- 5 Adjust audio level as needed
- 6 Play the clip

**Timecode for Record**  
On the AppCenter menu, click **Control | Options**. On the Options dialog box click **Timecode** and select the timecode for recording and display.

## 6. Create a playlist

- 1 Select Playlist
- 2 Drag clips into the channel
- 3 Play the list

Refer to the AppCenter Help menu for complete information about playlist functionality and other operations, such as editing subclips.

## 7. Monitor

Click **View | Video Monitor**

- Toolbar
- Full Screen
- Video Monitor

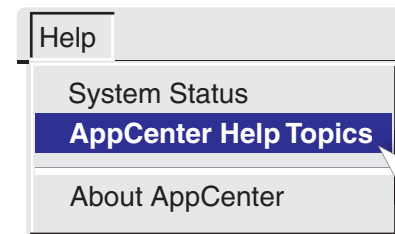
### Video monitor support

The VGA resolution must be 1024 x 768 x 32 or greater to support live (moving) video monitoring.

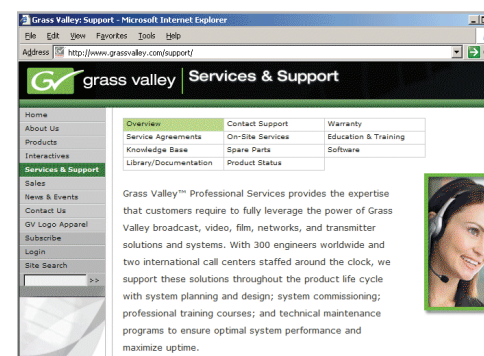


## 8. For more information...

In AppCenter, click **Help | AppCenter Help Topics** and read the complete documentation for operating and configuring K2 Summit Production Client channels.



Go to <http://www.grassvalley.com/support> and find solutions to problems.



Find the complete documentation set for K2 products on the Documentation CD:



- User Guide
- System Guide
- Service Manual
- SAN Manual
- Cabling Guide
- RAID Instruction Manuals



Use the following information to contact product support by phone during business hours. Afterhours phone support is available for warranty and contract customers.

|                                       |                                       |
|---------------------------------------|---------------------------------------|
| International (France)                | +800 80 80 20 20<br>+33 1 48 25 20 20 |
| International (United States, Canada) | +800 547 8949<br>+1 530 478 4148      |

Go to <http://www.grassvalley.com/support/contact/phone> for phone numbers to contact your local support center directly during normal business hours.

