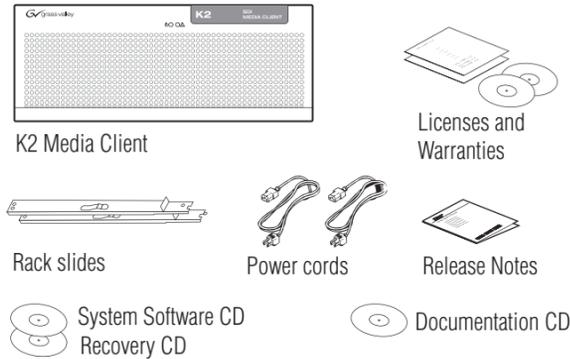


K2 Media Client Quick Start Guide

For HD-00 models
071-8454-03 September 4, 2007
Before you begin, unpack the following items...



...and locate the documentation you need.

Documentation path to install K2 Media Clients with internal storage



Documentation path to install K2 Media Clients with (shared) K2 Storage System



1. Make cable connections and, if necessary, configure network

Quick Start networking options

Use default settings – DHCP is enabled and the chassis serial number is the hostname. If supported by your network, you can use these defaults.

Configure network settings – If necessary, power up the K2 Media Client and do the following:

- Access the Windows logon dialog. Use a locally connected keyboard, mouse, and monitor. If not locally connected, use Windows Remote Desktop Connection with default settings as above.
- Logon with the default Windows administrator account:
Username: administrator
Password: adminK2
- In Network Connections, for internal storage models configure **Control Connection #1**. For shared storage models, configure **Control Team**.

LTC to Play/Record channel mapping

CH 1 OUT = P1 CH 2 IN = R2
CH 1 IN = R1 CH 3 OUT = P3
CH 2 OUT = P2 CH 4 OUT = P4

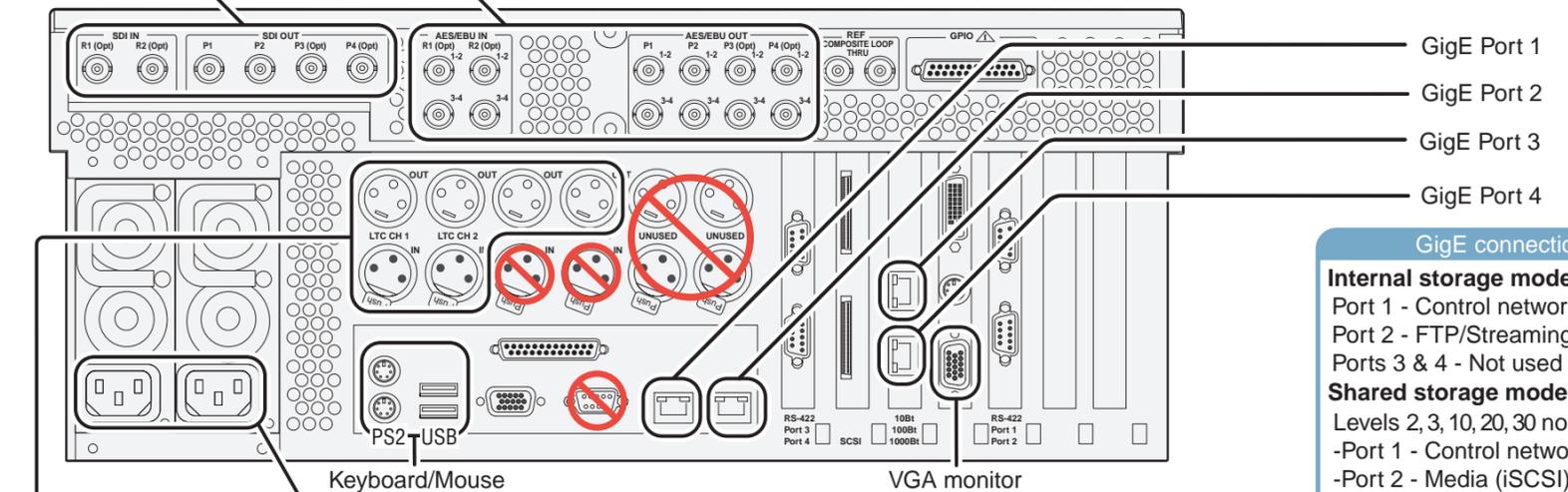
Connect video inputs and outputs (supports embedded audio)

Connect audio inputs and outputs, if using AES/EBU audio.

Model	Channels enabled
HD-02	P1, P2
HD-03	P1, P2, P3
HD-04	P1, P2, P3, P4
HD-12	R1, P1, P2
HD-13	R1, P1, P2, P3
HD-22	R1, R2, P1, P2

HD/SD channels
Record channels (R1, R2) can record either HD or SD. Likewise play channels (P1, P2, P3, P4) can play either HD or SD. Connect video/audio IN and OUT as appropriate for your intended use of each channel.

Shared storage
You must add shared storage models to a K2 Storage System. Refer to the *K2 Storage System Instruction Manual* and the *K2 Media Client System Guide* for complete procedures.



If using LTC, connect inputs and outputs as needed per channel

Connect power cords

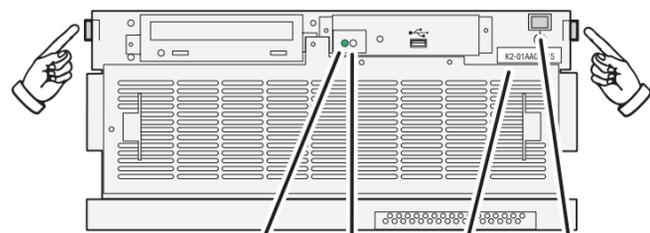
Refer to *K2 Media Client System Guide* for RS-422 connections.

Connect other cables as needed. Refer to the *K2 Media Client System Guide* for complete cabling and network instructions.

GigE connections
Internal storage models:
Port 1 - Control network
Port 2 - FTP/Streaming
Ports 3 & 4 - Not used
Shared storage models:
Levels 2, 3, 10, 20, 30 non-redundant:
-Port 1 - Control network
-Port 2 - Media (iSCSI) network
Levels 2, 3, 10, 20, 30 redundant:
-Port 1 & 3 - Control network
-Port 2 - Media (iSCSI) network A
-Port 4 - Media (iSCSI) network B

2. Power on

- 1 Press both bezel-release buttons and flip down front bezel.



- 2 Identify the following: Power LED, Service LED, Serial number, Standby switch

- 3 Press the standby switch to power on. At first startup, End User License Agreements appear on the screen. Accept the agreements to continue.

Normal startup sequence

Power LED goes on and stays on. Service LED stays off. Startup processes complete in approximately two minutes and the K2 Media Client is ready for remote connection and operation.

Note: Add shared storage models to a K2 Storage System before proceeding.

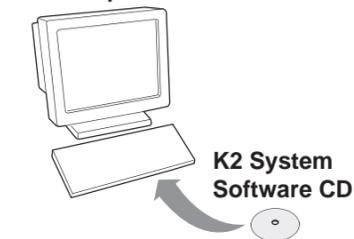
3. Install control point software

Note: You can skip ahead if you are:

- Using the Grass Valley control point PC. Skip to step 4.
- Accessing the K2 Media Client locally only. Skip to step 5.

- 1 Choose a network-connected PC as your control point.

Control point PC



- 2 Insert CD, open the *Control Point* folder and run *setup.exe*.
- 3 Follow on-screen instructions, clicking **Next**, **Install**, and **Finish**.

PC System requirements

Microsoft Windows XP Professional, Service Pack 2 (U.S. version)
Pentium 4 or higher class processor, 2 GHz or greater
Minimum 512 MB RAM, 1 GB recommended
400 MB hard disk space
Graphics acceleration with at least 128 MB memory
Microsoft .NET Framework 1.1 (available on K2 System Software CD)
MS XML 4, Service Pack 2 (available on K2 System Software CD)

4. Make remote connection

Control point PC

- 1 Open the AppCenter shortcut.
- 2 Logon to AppCenter with the default K2 administrator account.
- Username: K2admin
- Password: K2admin
- 3 Click **Add**.
- 4 Enter the K2 Media Client hostname or IP address. The default hostname is the chassis serial number (e.g. K2-01AA00015). Refer to step 2. *Power on* to locate the serial number.
- 5 Click **OK**.
- 6 Select the channels to control from this control point PC.
- 7 Click **OK** and **OK** to save settings and close.

Continue with Quick Start procedures on the reverse side.

5. Configure channels

- 1 Open AppCenter and logon with the K2 administrator account (K2admin/K2admin). If a licensing message appears, refer to *K2 Media Client Release Notes*.
- 2 Click **System | Configuration**.
- 3 Click tabs, buttons, and scroll bar to locate settings.
- 4 Select from drop-down lists to make settings.
- 5 Click **OK** and **Yes** to save settings..

Find commonly modified settings...

And configure as follows:

System → Video standard:	Select NTSC or PAL . Restart to put change into effect.
Channel → P n → Video output format:	Select a SD format (NTSC or PAL), 720p or 1080i .
Channel → R n → Audio Input:	Select AES/EBU or Embedded . (Only models with record)
Channel → R n → Number of audio inputs:	Select 2 , 4 , etc. (Only models with record)

6. Record a clip

Note: This step applies only to models that have a record channel.

- 1 Select a record channel (R1 or R2)
- 2 Select the Recorder application
- 3 Adjust audio
- 4 Begin record
- 5 Stop record
- 6 Rename clip

Click **⏪** again to close the audio control

Use keyboard or on-screen keypad.

Refer to the AppCenter Help menu for complete operating instructions. Refer to step 8. For more information.

Timecode for Record

On the AppCenter menu, click **Recorder | Options**. On the Options dialog box click **Timecode** and select **VITC**, **LTC**, or **Internal** timecode for recording and display.

7. Play a clip

- 1 Select a play channel (P1, P2, P3, or P4)
- 2 Select the Player application
- 3 Drag a clip into the play channel
- 4 Play the clip
- 5 Eject the clip

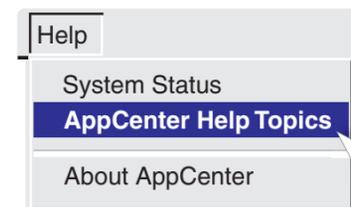
HD/SD payout

When you play a SD clip on a channel configured for HD output, the clip is automatically up-converted to HD. Likewise, when you play a HD clip on a channel configured for SD output, the clip is automatically down-converted to SD.

Refer to the AppCenter Help menu for complete operating instructions. Refer to step 8. For more information.

8. For more information...

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

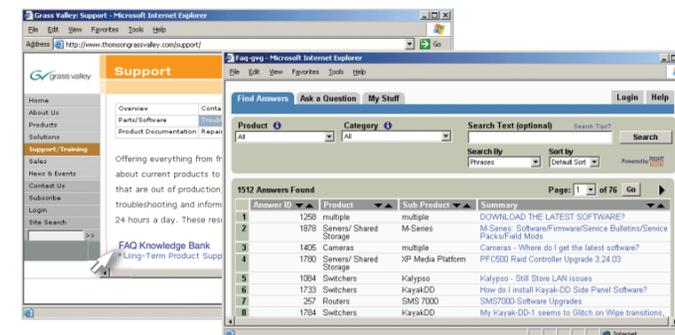


Find the complete documentation set for K2 products on the Documentation CD:



- User Guide
- System Guide
- Service Manual
- Storage System Manual
- RAID Instruction Manuals

Go to <http://www.thomsongrassvalley.com/support> and search the FAQ Knowledge Bank.



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	Italy	+39 02 24 13 16 01
International (United States, Canada)	+1 530 478 8949	Belarus, Russia, Ukraine, Tadjikistan, Uzbekistan	+7 095 258 09 20
Hong Kong, Taiwan	+852 2531 3058	Indian Subcontinent	+91 11 515 282 502
Korea, Macau			+91 11 515 282 504
Australia, New Zealand	+61 1300 721 495	Germany, Austria, E. Europe	+49 6150 104 44
Central, South America	+55 11 5509 3440	Near East, Africa	+33 1 48 25 20 20
China	+86 1066 0159 450	Netherlands	+31 (0) 35 62 38 421
Belgium	+32 (0) 2 334 90 30	Northern Europe	+45 45 96 88 70
Japan	+81 3 5484 6868	Singapore	+65 6379 1313
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