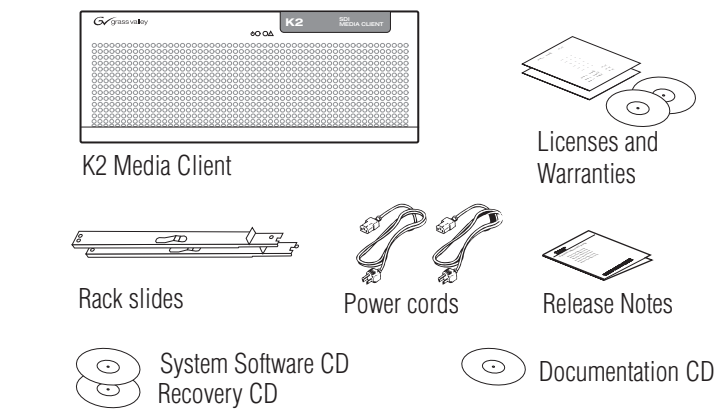


K2 Media Client Quick Start Guide

For HD/SD models
071-8454-01 September 5, 2006

Before you begin, unpack the following items...

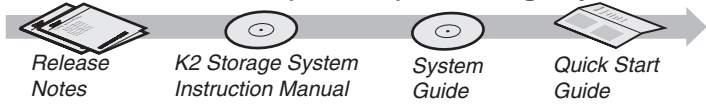


...and locate the documentation you need.

Documentation path to install K2 Media Clients with internal storage



Documentation path to install K2 Media Clients with (external) 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, monitor or 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 external 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.

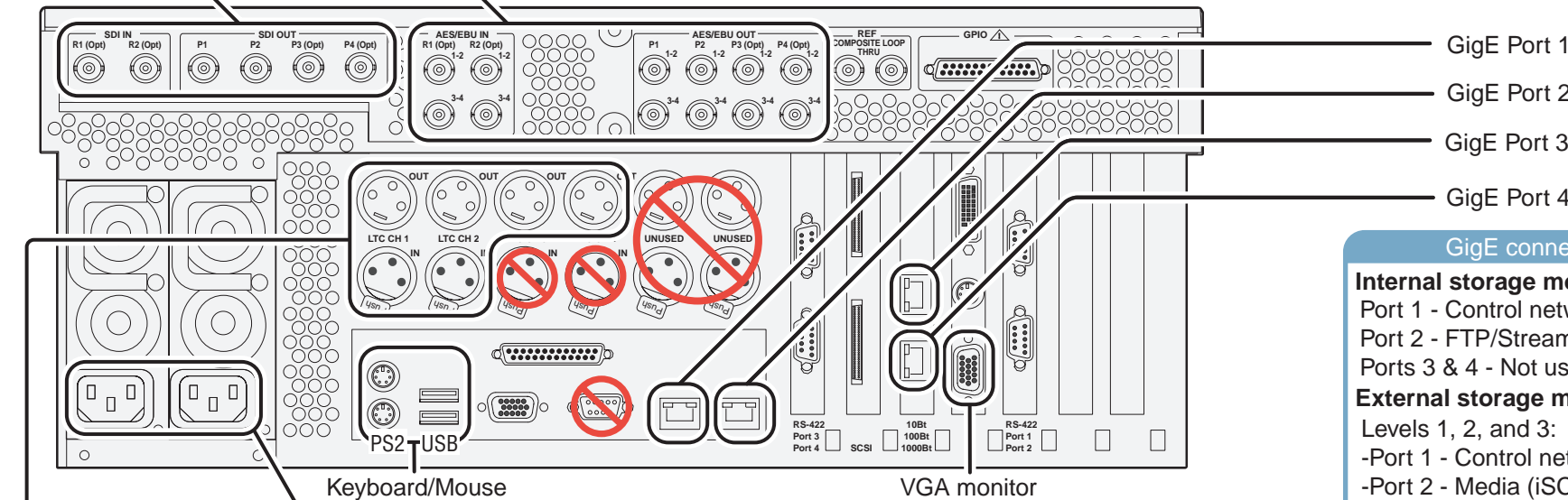
Model	Channels enabled
HD-02	P1, P2
HD-03	P1, P2, P3
HD-04	P1, P2, P3, P4
HD-12	R1, P1, P2
HD-13	R1, P1, P2, P3
HD-22	R1, R2, P1, P2

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.

External storage

You must add external 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 Release Notes* 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:

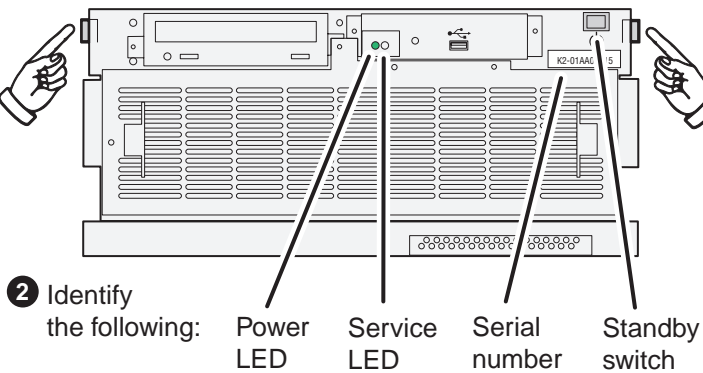
Port 1 - Control network
Port 2 - FTP/Streaming
Ports 3 & 4 - Not used

External storage models:

Levels 1, 2, and 3:
-Port 1 - Control network
-Port 2 - Media (iSCSI) network
Levels 2R and 3R:
-Port 1 & 3 - Control network
-Port 2 - Media (iSCSI) network A
-Port 4 - Media (iSCSI) network B

2. Power on

- 1 Press 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.

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 external storage models to a K2 Storage System before proceeding.

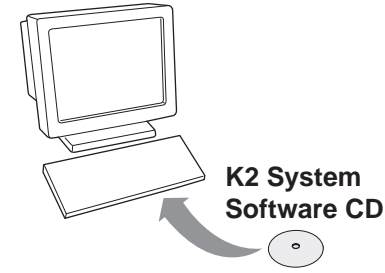
3. Install control point software

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



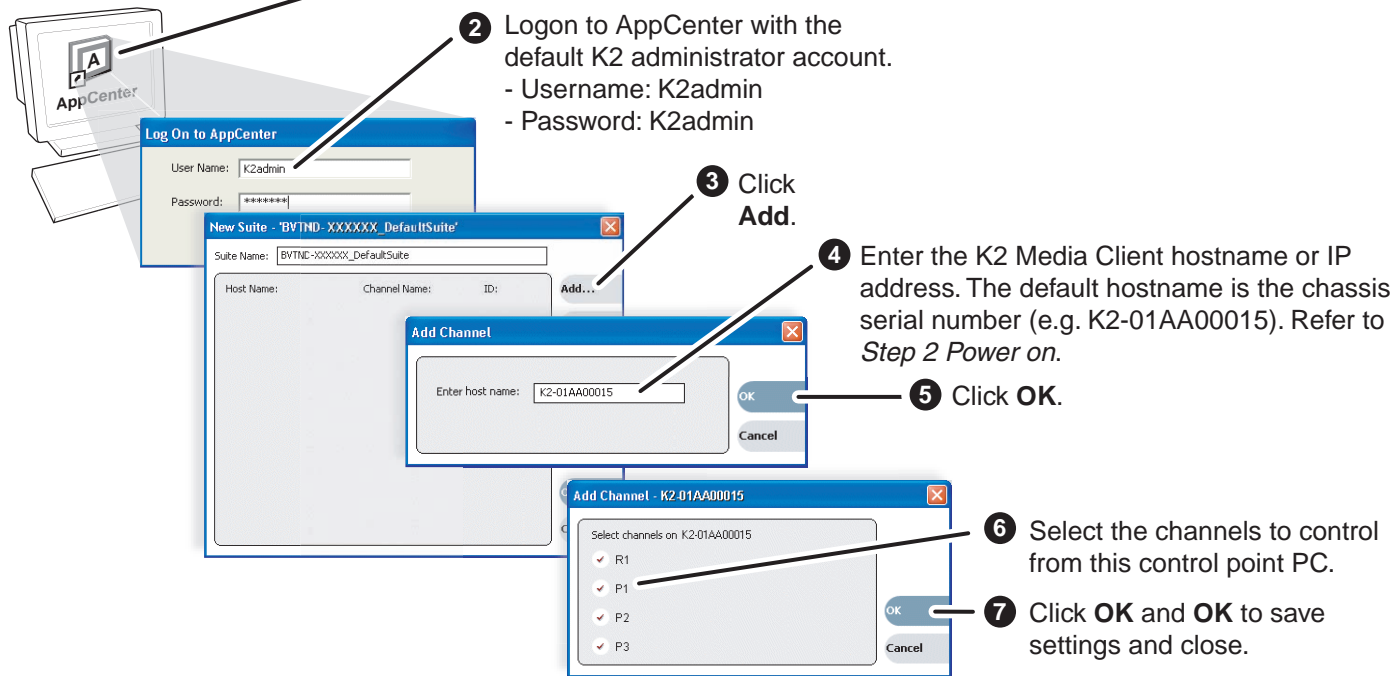
- 2 Insert CD, open the *Control Point* folder and run *setup.exe*.
- 3 Follow on-screen instructions, clicking **Next**, **Install**, and **Finish**.

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 (on CD)
MS XML 4, Service Pack 2 (on CD)

4. Make remote connection

Control point PC



Continue with Quick Start procedures on the reverse side.

5. Configure channels

- 1 Open AppCenter, if it is not already open, and logon with the default K2 administrator account (Username: K2admin, Password: K2admin).
- 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...

System → Video standard:

Channel → P n → Video output format:

Channel → P n → Audio output:

Channel → R n → Audio input type:

And configure as follows:

Select **NTSC** or **PAL**. Restart to put change into effect.

Select a SD format (**NTSC** or **PAL**), **720p** or **1080i**.

Embedded output groups: Select **Group 1 & 2**, **Group 3 & 4**, etc.

Select **AES/EBU** or **Embedded**. (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.

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

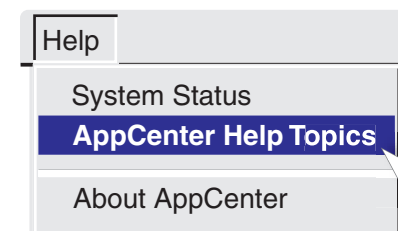
HD/SD payout

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.

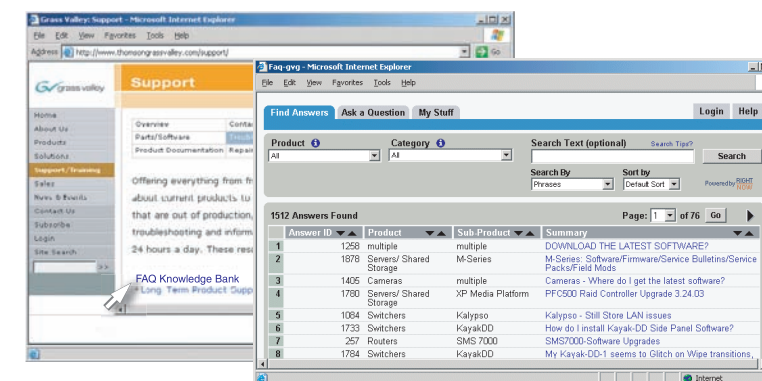
Refer to the AppCenter Help menu for complete operating instructions.

8. For more information...

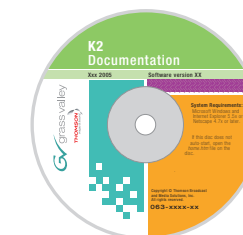
In AppCenter, click **Help | AppCenter Help Topics** and read the complete documentation for operating and configuring K2 Media Client channels.



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



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



- User Guide
- System Guide
- Service Manual
- Storage System Manual
- 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.

United States	(800) 547-8949 (Toll Free)	France	+33 (1) 34 20 77 77
Latin America	(800) 547-8949 (Toll Free)	Germany	+49 6155 870 606
Eastern Europe	+49 6155 870 606	Greece	+33 (1) 34 20 77 77
Southern Europe	+33 (1) 34 20 77 77	Hong Kong	+852 2531 3058
Middle East	+33 (1) 34 20 77 77	Italy	+39 06 8720351
Australia	+61 1300 721 495	Netherlands	+31 35 6238421
Belgium	+32 2 3349031	Poland	+49 6155 870 606
Brazil	+55 11 5509 3440	Russia	+49 6155 870 606
Canada	(800) 547-8949 (Toll Free)	Singapore	+656379 1390
China	+86 106615 9450	Spain	+34 91 512 03 50
Denmark	+45 45968800	Sweden	+46 87880705
Dubai	+971 4 299 64 40	Switzerland	+41 (1) 487 80 02
Finland	+35 9 68264600	UK	+44 870 903 2022