K2 Media Client
# Quick Start Guide

For SDA-00 models
071-8576-00   July 3, 2007

Before you begin, unpack the following items...

K2 Media Client

Licenses and Warranties

Rack slides

Power cords

Release Notes

System Software CD
Recovery CD
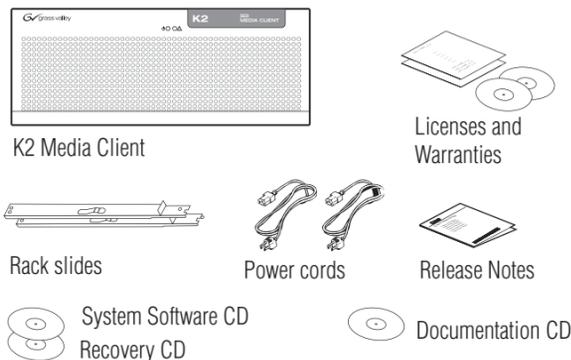
Documentation CD

...and locate the documentation you need.

**Documentation path to install
K2 Media Clients with internal storage**

Release Notes → *Quick Start Guide* → *System Guide*

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

Release Notes → *Cabling Guide* → *Storage System Instruction Manual* → *System Guide* → *Quick Start Guide*

*Storage Release Notes and Cabling Guide packed with RAID primary chassis

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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 external storage models, configure **Control Team**.

Analog/SDI channels

Input channels (R1, R2) record *either* analog or SDI. Output channels (P1, P2) can play *both* analog and SDI. Make connections accordingly.

Make connections for channels R1 and P1:
Video inputs and outputs   Audio inputs and outputs (AES/EBU)

Make connections for channels R2 and P2:
Video inputs and outputs   Audio inputs and outputs (AES/EBU)

External storage

External storage K2 Media Clients must be added to a K2 Storage System. Refer to the *K2 Storage System Instruction Manual* and the *K2 Media Client System Guide* for complete procedures.

GigE Port 1
GigE Port 2
GigE Port 3
GigE Port 4

Connect power cords   Keyboard/Mouse   PS2   USB   VGA monitor

GigE connections

Internal storage models:
Port 1 - Control network
Port 2 - FTP/Streaming
Ports 3 & 4 - Not used
External storage models:
Levels 2 and 3 (non-redundant):
-Port 1 - Control network
-Port 2 - Media (iSCSI) network
Levels 2R and 3R (redundant):
-Port 1 & 3 - Control network
-Port 2 - Media (iSCSI) network A
-Port 4 - Media (iSCSI) network B

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

If using analog audio, connect inputs and outputs as needed per channel

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.

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2. Power on

1. Press both bezel-release buttons and flip down front bezel.
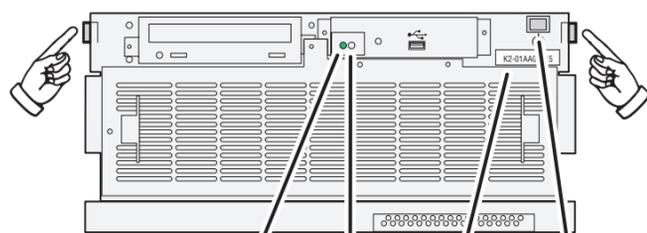
2. Identify the following: Power LED   Service LED   Serial number   Standby switch

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 external storage models to a K2 Storage System before proceeding.

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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

K2 System Software CD
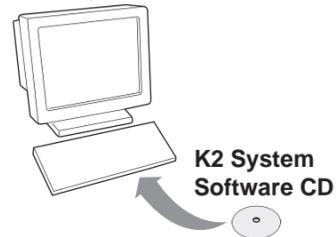
2. Insert CD, open the *Control Point* folder and run *setup.exe*.

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)

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4. Make remote connection

Control point PC
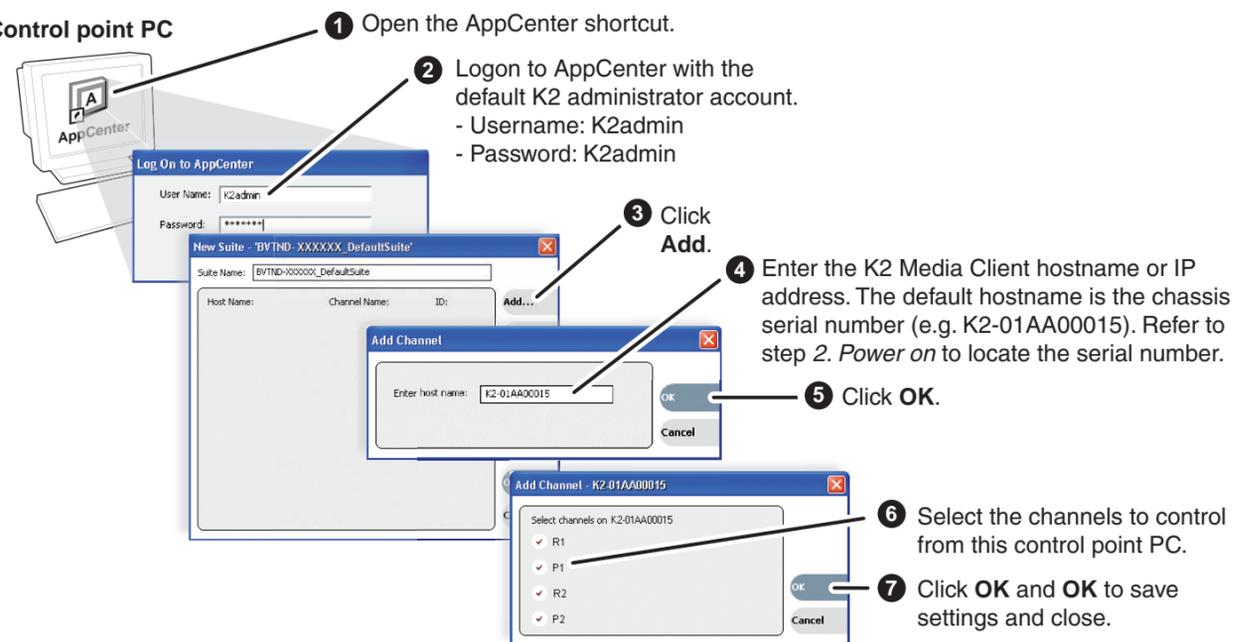
1. Open the AppCenter shortcut.

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.

❶ Open AppCenter and logon with the K2 administrator account (K2admin/K2admin). If a licensing message appears, refer to *K2 Media Client Release Notes*.

❷ Click **System | Configuration**.
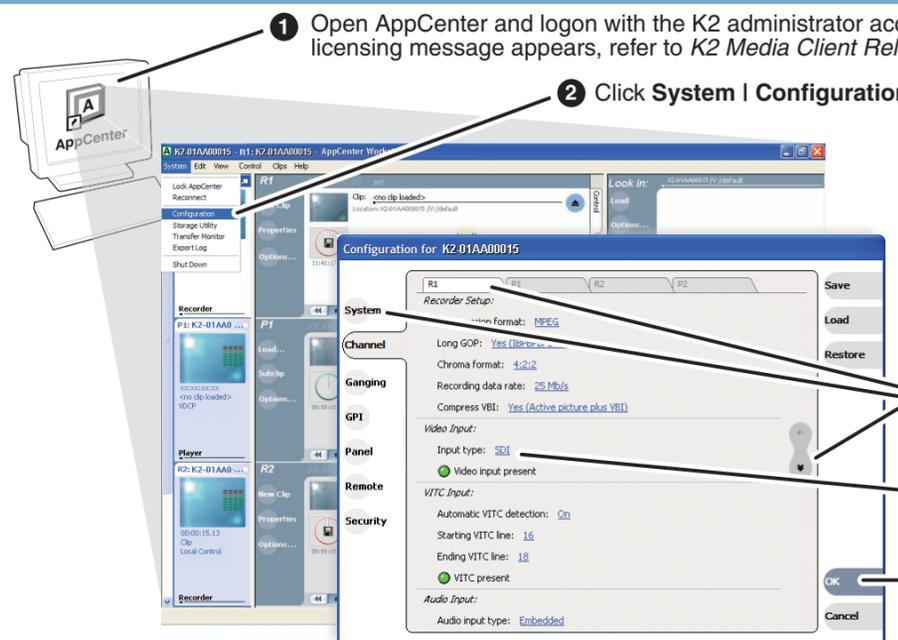
Analog/SDI channels

Configure input channels (R1 and R2) to receive either SDI or Analog Composite video input.

❸ Click tabs, buttons, and scroll bar to locate settings.

❹ Select from drop-down lists to make settings.

❺ Click **OK** and **Yes** to save settings..

Find commonly modified settings...	And configure as follows:
System → Reference Standard:	Select **NTSC** or **PAL**. Restart to put change into effect.
Channel → R *n* → Input type:	Select **SDI** or **Analog Composite**.
Channel → R *n* → Audio Input:	Select **Analog**, **AES/EBU**, or **Embedded**.
Channel → P *n* → Audio output:	Embedded output group(s): Select **Group 1**, **Group 2**, etc.

❶ Select a channel

❷ Select the Recorder application

❸ Adjust audio

Click ◀ again to close the audio control

❻ Rename clip

❺ Stop record

❹ Begin record

Use keyboard or on-screen keypad.
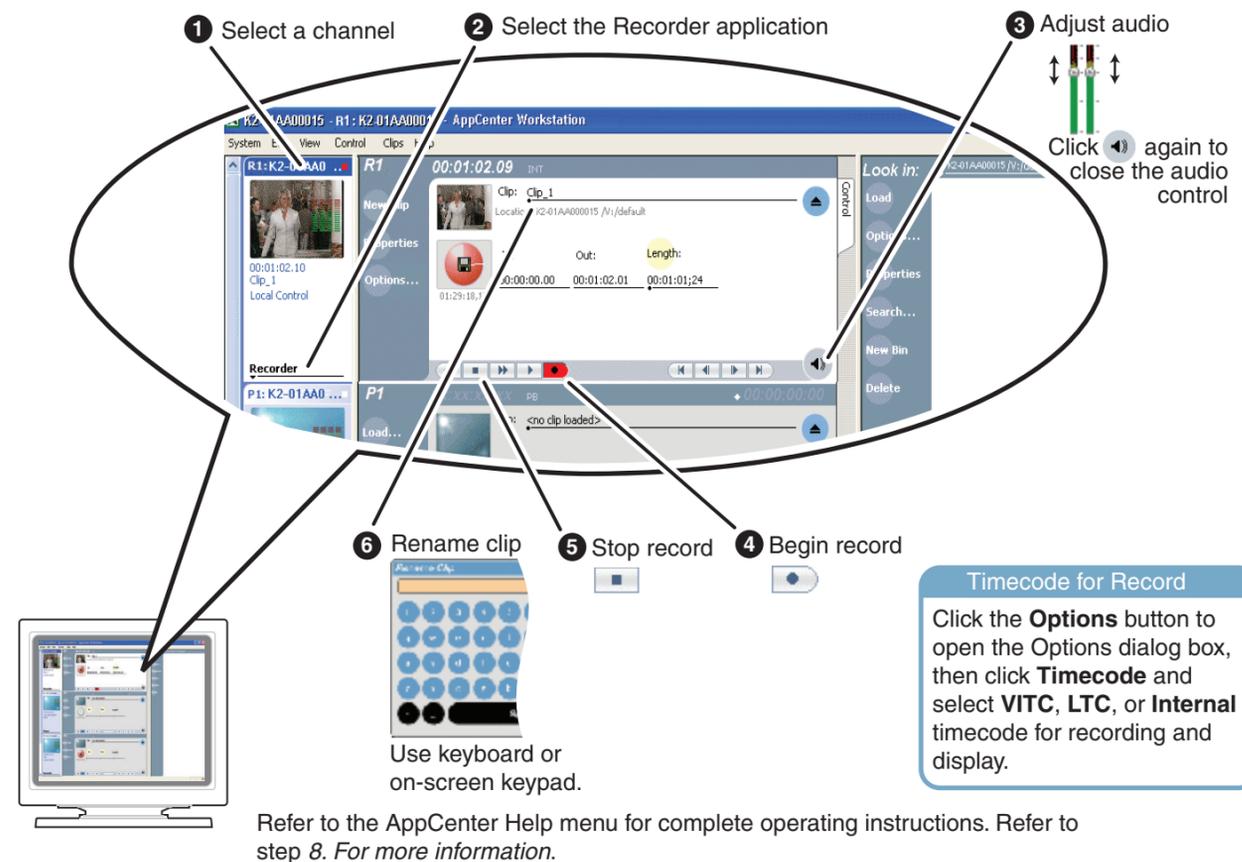
Timecode for Record

Click the **Options** button to open the Options dialog box, then click **Timecode** and select **VITC**, **LTC**, or **Internal** timecode for recording and display.

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

❶ Select a channel

❷ Select the Player application

❸ Double-click or drag a clip into the play channel

❺ Eject the clip

❹ Play the clip

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

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

Help

System Status

AppCenter Help Topics

About AppCenter

Go to *http:www.thomsongrassvalley.com/support*, click **Troubleshooting/FAQ** and search the FAQ Knowledge Bank.
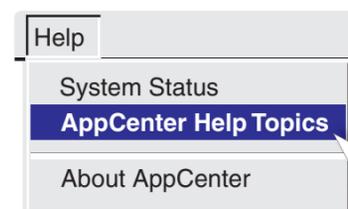
Find the complete documentation set for K2 products on the Documentation CD:

- User Guide
- System Guide
- Service Manual
- Storage System Manual
- RAID Instruction Manuals
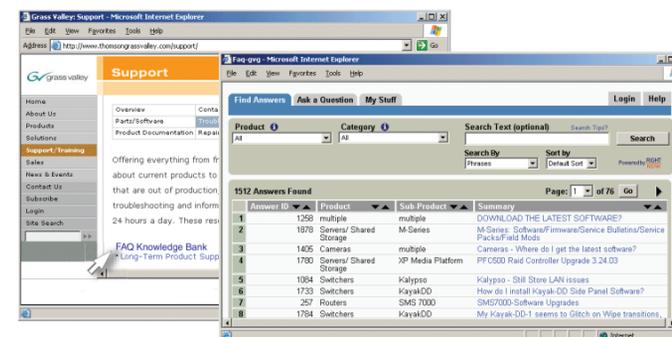
Use the following information to contact product support by phone during business hours. Afterhours phone support is available for warranty and contract customers.

International (France)	+800 80 80 20 20 +33 1 48 25 20 20	Italy	+39 02 24 13 16 01 +39 06 87 20 35 42
International (United States, Canada)	+800 547 8949 +1 530 478 4148	Belarus, Russia, Ukraine, Tadzikistan, Uzbekistan	+7 095 258 09 20 +33 (0) 2 334 90 30
Hong Kong, Taiwan Korea, Macau	+852 2531 3058	Indian Subcontinent	+91 11 515 282 502 +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	+861 066 0159 450	Netherlands	+31 (0) 35 62 38 421
Belgium	+32 (0) 2 334 90 30	Northern Ireland	+45 45 96 88 70
Japan	+81 3 5484 6868	Singapore	+65 6379 1313
Malaysia	+603 7805 3884	Spain	+41 487 80 02
Middle East	+971 4 299 64 40	UK, Ireland, Israel	+44 118 923 0499

grass valley