CrystalView Plus

Twisted Pair KVM Extender

Quick Start Guide

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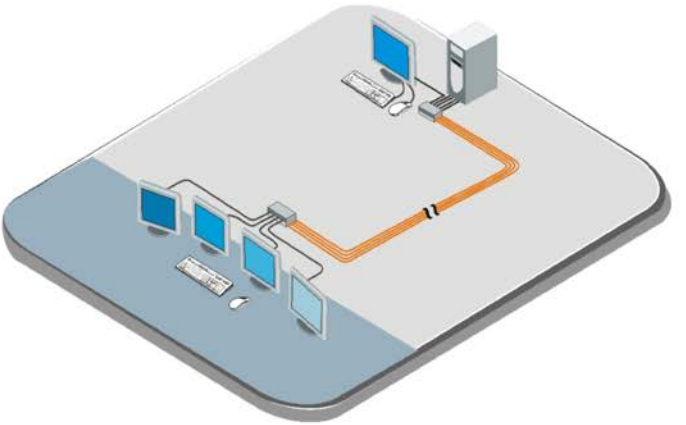

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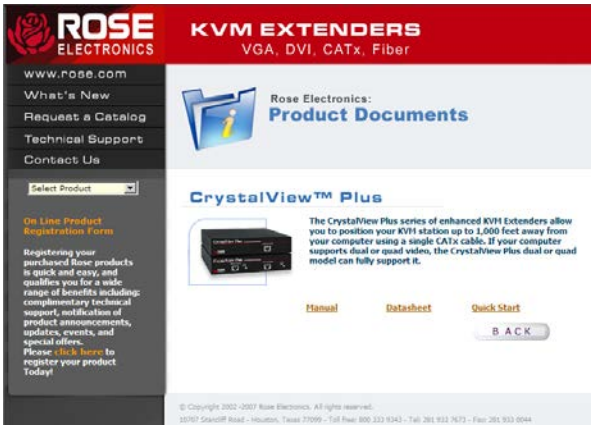
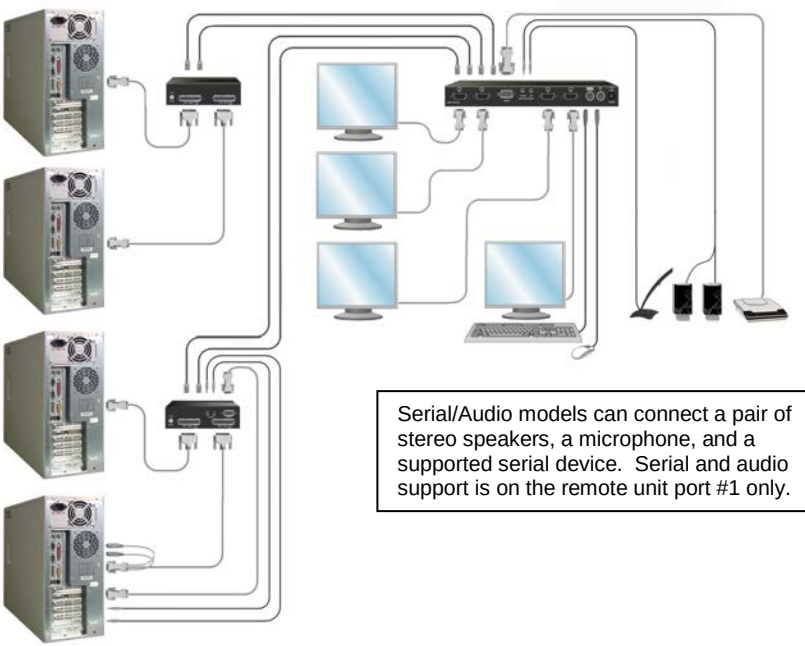


Using the CD

Insert the provided CD and the Product Document selection window will automatically display. Select the product and the Manual, DataSheet, and QuickStart document window will display. Select the document to display or print. Documents are in PDF format.

The CrystalView Plus is available in several models; single, dual, and quad video models and the PC-Serial/Audio model. The local access version allows an additional KVM station to be connected to the Local Unit.

The CrystalView Plus system consists of two Units, a Local Unit and a Remote Unit. The Local Unit connects to your CPU and one or two video sources or a Rose switch. The Remote Unit connects to a keyboard, one to four video monitors and a mouse. The Local and Remote Units are connected together with industry standard CAT-5, CAT-5e, or CAT-6 shielded or unshielded, solid core twisted-pair cable terminated with RJ45 connectors. All models can extend the distance from the CPU up to 1,000 feet. CAT-x cable



Serial/Audio models can connect a pair of stereo speakers, a microphone, and a supported serial device. Serial and audio support is on the remote unit port #1 only.

The video from each connected computer can be adjusted using simple keyboard commands shown in the keyboard command table.

Adjusting the video consists of:

1. Enter the Command Mode
2. Select the video channel to adjust
3. Display the test card at http://www.rose.com/htm/crvtestcard.htm or create a straight line graphic that is equally divided into three color parts, RED, GREEN, and BLUE
4. Adjust the RED, GREEN, and BLUE delay to align the three colors
5. Observe the “H” in the lower left corner of the test card or display some text on a white background.
6. Adjust the LF and HF Equalization to eliminate smearing or bright streaks
7. Save the settings
8. On the dual and quad models, select the next video channel to adjust and perform steps 3 – 7 on this and all other channels.

Keyboard commands

Note: Use only the numeric keys above the keyboard to initiate the keyboard commands from the remote unit.
Do not use the numeric keypad.

Command	Key Sequence
Command Mode	[L-Ctrl] + [L-Shift] + [F10]
Exit Command Mode and save Exit Command Mode without saving	[ESC] [L-Shift] + [ESC]
Select Channel 1, 2, 3, or 4	[1] / [2] / [3] / [4]
Select Channel 0	[0] (select all channels)
Reset EQ & Delay values	[L-Ctrl] + [Home]
Next Assisted EQ setting	[L-Ctrl] + [PgUp]
Previous Assisted EQ setting	[L-Ctrl] + [PgDn]
Increase RED delay	[R] + [R-arrow]
Decrease RED delay	[R] + [L-arrow]
Increase Green delay	[G] +[R-arrow]
Decrease Green delay	[G] + [L-arrow]
Increase Blue delay	[B] + [R-arrow]
Decrease Blue delay	[B] + [L-arrow]
Toggle RED delay	[L-Ctrl] + [R]
Toggle GREEN delay	[L-Ctrl] + [G]
Toggle BLUE delay	[L-Ctrl] + [B]
Reset EQ values	[L-Ctrl] + [End]
Increase LF EQ (Course)	[L] + [Up Arrow]
Decrease LF EQ (Course)	[L] + [Dn Arrow]
Increase LF EQ (Fine)	[L] + [R-Arrow]
Decrease LF EQ (Fine)	[L] + [L-Arrow]
Increase HF EQ (Course)	[H] + [Up Arrow]
Decrease HF EQ (Course)	[H] + [Dn Arrow]
Increase HF EQ (Fine)	[H] + [R-Arrow]
Decrease HF EQ (Fine)	[H] + [L-Arrow]
Reset keyboard and mouse	[F1]
Send NULL mouse byte	[F3]
Reset to factory defaults	[L-Ctrl] + [F9]
Toggle Unit Private Mode	[Scroll Lock]

Command mode – [L-Ctrl] + [L-Shift] + [F10] Entering the command mode sends the remote units keyboard instructions to the CrystalView Plus instead of the connected computer. In the command mode, the yellow LED on the remote units RJ45 connector for channel 1 will light indicating that the unit is in the command mode. The keyboard status LEDs (Num lock, Caps Lock, and Scroll Lock) will flash indicating which channel is selected. The Command mode automatically times out after 30 seconds of inactivity, saves all settings, and returns the keyboard to normal functions.

Keyboard Commands

NOTE: All keyboard commands are initiated from the Remote unit. Before any keyboard command can be issued, the unit must be in the command mode and a channel selected. Refer to the installation and operations manual for a complete description of all keyboard commands and their usage.