

CrystalView™ Rack

Installation and Operations Manual Supplement



**PC-Single 6-port
Model CRV-6SLP**



**PC-Single Serial/Audio
Model CRV-6SLP/AUD**



**PC-Dual 6-port
Model CRV-6DLP**



**PC Dual Serial/Audio
Model CRV-6DLP/AUD**



**PC-Single 12-port
Model CRV-12SLP**



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Features

- Extend six or twelve KVM stations from the CPUs using a single CAT-5 twisted pair, solid core cable. (Up to 1,000 feet)
- Available in PC single and dual models with optional Serial/Audio

Package contents

The package contents consist of the following:

- The CrystalView Local Rackmount Unit
- The Installation and operations manual is included with Remote unit shipments only. Additional manuals are available on our web site at www.rose.com
- Installation supplement
- Optional power adapter (Auto-switching transformer)

A remote CrystalView unit is needed for each local CrystalView used.

Cables are usually ordered separately. If the package contents are not correct, contact Rose Electronics or your reseller, so the problem can be quickly resolved.

About this supplement

This supplement covers the installation of the CrystalView PC, Multi-unit Rackmount model. Refer to the CrystalView installation and operations manual for additional information and the warranty statement.

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Rose Electronics Part # MAN-SUPP-CRV 2.5
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PC - 6 Unit model (Serial/Audio)

Front Panel



6-RJ45 – CAT-5 cable connection

Rear Panel



6-DB25F – CPU / KVM connections
12-3.5mm stereo audio jacks (Audio in/out)
6-DB9F Serial cable connections

PC - 6 Unit model

Front Panel



6-RJ45 – CAT-5 cable connection

Rear Panel



6-DB25F – CPU / KVM connections

PC - 6 Unit Dual model

Front Panel



6-RJ45 – CAT-5 cable connection

Rear panel



6-DB25F – CPU / KVM connections 12-MiniDin6 KBD/Mouse
6-HD15 Monitor

PC - 6 Unit Dual model with serial/ / audio

Front panel



6-RJ45 – CAT-5 cable connection

Rear panel



6-DB25 – CPU/KVM connections 6-DB9 serial connectors
12-MiniDin6 KBD/Mouse 12-3.5mm audio in/out
6-HD15 monitor

PC - 12 Unit model

Front Panel



12-RJ45 – CAT-5 cable connection

Rear Panel



12-DB25F – CPU / KVM connections

Installation

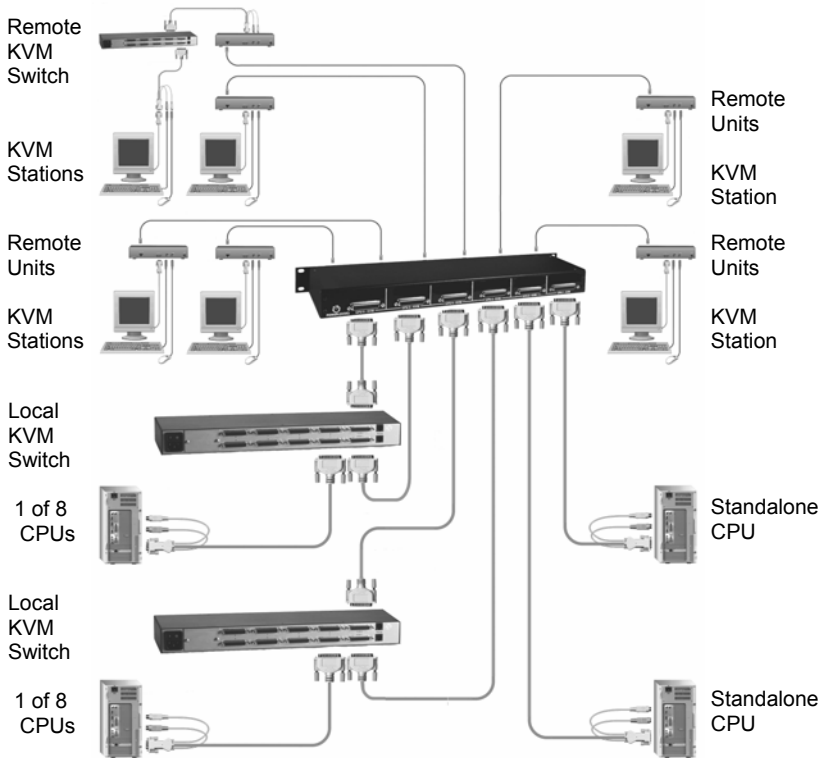
Please refer to the installation procedures in the CrystalView manual for your model. A detailed installation procedure for your model is outlined in the CrystalView manual.

A remote unit is needed for each module used. The cable length jumpers on the remote unit must be set for each unit according to the jumper-setting table in the manual. For CAT5 cable distances less than 150 feet, the CrystalView MINI remote unit can be used.

Part number and description table

Part Number	Description
CRV-6SLP/AUD	6-Single Local CrystalViews w/audio
CRV-6SLP	6-Single Local CrystalViews
CRV-6DLP	6-Dual Local CrystalViews
CRV-6DLP/AUD	6-Dual local CrystalViews w/audio
CRV-12SLP	12-Single Local CrystalViews
CAB-08UTPnnn*	CAT-5 UTP cable
CAB-CXV66MMnnn*	Local to CPU cable
CAB-SPMMnnn*	3.5mm stereo audio cable
CAB-D9MFnnn*	CPU to Local serial input cable
TFR-05D400FSUP	Optional external power supply

* nnn = cable length in feet



The above diagram shows the versatility of the CrystalView Cat5 rack. The CrystalView Cat5 Rack can connect to standalone computers or KVM switches using the appropriate cables. KVM stations connected to a CrystalView remote unit can be up to 1000 feet (150 feet using a CrystalView MINI remote unit) from the CrystalView Cat5 rack. A remote CrystalView unit is needed for each module used in the CrystalView Cat5 rack.

Any of the CrystalView Cat5 rack models can use the same type of connections shown above. The serial/audio model can take advantage of routing the remote CPUs serial and audio data to the local KVM station.

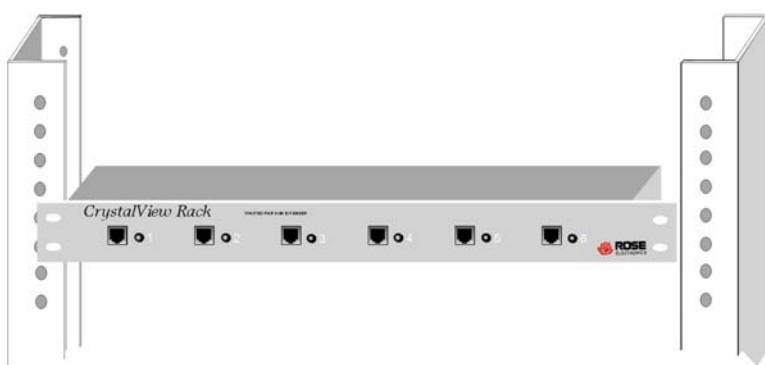
Rack mount instructions

To rack mount your CrystalView, attach the two rack mounting brackets on your Unit to the rack using the appropriate size bolts, nuts and lock washers.

The following guidelines should be observed when installing.

- a). Do not exceed the operating temperature of 0° C to 45° C.
- b). Do not block power supply vents or restrict airflow.
- c). Mechanical loading of the rack should be considered to prevent instability and possible tipping over.
- d). Tighten all connectors securely and provide adequate strain relief for all cables.
- e). Provide a grounded power source to all Units. Pay special attention to overall branch circuit load ratings before connecting equipment to this source. Overloaded circuits are potential fire hazards and can cause equipment failures or poor performance.

Rack mount illustration





Server Management



Solutions



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