

# CrystalView™ Rack

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## 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**



## Features

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- 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

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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](http://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

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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-CRVRK  
Printed In the United States of America - Revision 2.5

## PC - 6 Unit model (Serial/Audio)

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### 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

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### Front Panel



6-RJ45 – CAT-5 cable connection

### Rear Panel



6-DB25F – CPU / KVM connections

## PC - 6 Unit Dual model

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### 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

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### 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

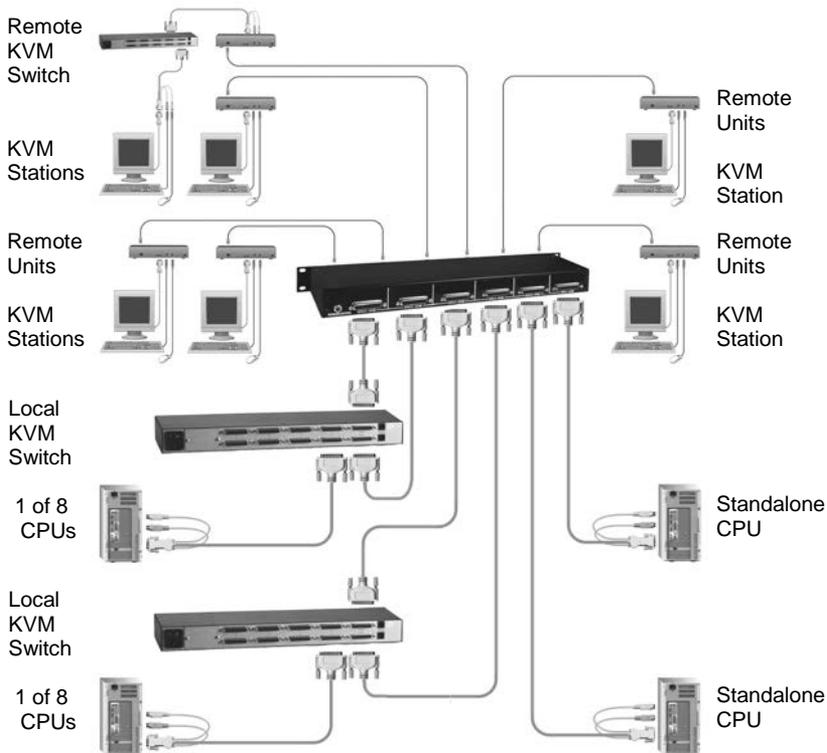
## Installation

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

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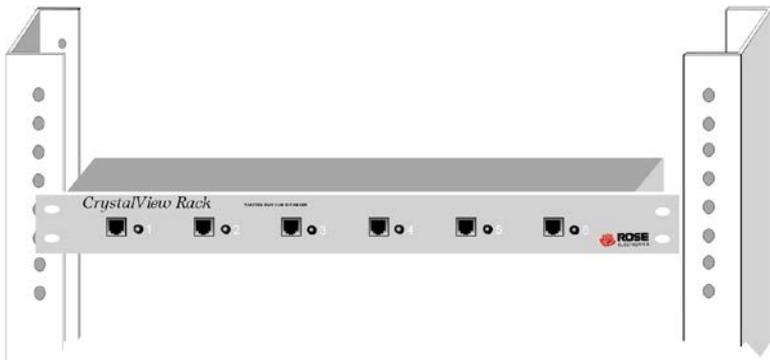
To rack mount your CrystalView, attach the two rack mounting brackets on your Unit to the rack using the appropriate size bolts, nuts and lock washers.

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

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