

# RackView Keyboard™

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Rack Mountable Keyboard Drawer

## INSTALLATION AND OPERATIONS MANUAL



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## LIMITED WARRANTY

Rose Electronics warrants the CrystalView DVI Quad to be in good working order for one year from the date of purchase from Rose Electronics or an authorized dealer. Should this product fail to be in good working order at any time during this one-year warranty period, Rose Electronics will, at its option, repair or replace the Unit as set forth below. Repair parts and replacement units will be either reconditioned or new. All replaced parts become the property of Rose Electronics. This limited warranty does not include service to repair damage to the Unit resulting from accident, disaster, abuse, or unauthorized modification of the Unit, including static discharge and power surges.

Limited Warranty service may be obtained by delivering this unit during the one-year warranty period to Rose Electronics or an authorized repair center providing a proof of purchase date. If this Unit is delivered by mail, you agree to insure the Unit or assume the risk of loss or damage in transit, to prepay shipping charges to the warranty service location, and to use the original shipping container or its equivalent. You must call for a return authorization number first. Under no circumstances will a unit be accepted without a return authorization number. Contact an authorized repair center or Rose Electronics for further information.

ALL EXPRESS AND IMPLIED WARRANTIES FOR THIS PRODUCT INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO A PERIOD OF ONE YEAR FROM THE DATE OF PURCHASE, AND NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THIS PERIOD. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

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NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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## FCC/IC STATEMENTS, EU DECLARATION OF CONFORMITY

**Product:** RackView Keyboard

This equipment generates, uses and can radiate radio frequency energy and if not installed and used properly, that is in strict accordance with the manufacturer's instructions may cause interference to radio communication. It has been tested and found to comply with the limits for a Class A digital device in accordance with the specifications of Part 15 of FCC rules, which are designed to provide reasonable protection against such interference when the equipment is operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference, in which case the user at his own expense will be required to take whatever measures may be necessary to correct the interference.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This digital apparatus does not exceed the Class A limits for radio noise emission from digital apparatus set out in the Radio Interference Regulation of Industry Canada.

Operation is subject to the following two conditions:

- 1- This device may not cause harmful interference
- 2- This device must accept any interference received including interference that may cause undesired operation.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe A prescrites dans le Règlement sur le brouillage radioélectrique publié par Industrie Canada.

### **CE Statement**

The product meets European Standard EMC:

EN-55022:2006 Class A

EN 61000-4-2:2001

EN 61000-4-3:2006

EN 61000-4-4:2004

EN 61000-4-5:2006

# INTRODUCTION

## Disclaimer

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While every precaution has been taken in the preparation of this manual, the manufacturer assumes no responsibility for errors or omissions. Neither does the manufacturer assume any liability for damages resulting from the use of the information contained herein. The manufacturer reserves the right to change the specifications, functions, or circuitry of the product without notice.

The manufacturer cannot accept liability for damages due to misuse of the product or other circumstances outside the manufacturer's control. The manufacturer will not be responsible for any loss, damage, or injury arising directly or indirectly from the use of this product.

## Introduction

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The RackView is the perfect addition to your server room. It mounts easily at any height in a standard 19" rack. It slides easily into the rack and out of site when it's not in use. The optional built-in KVM switch capability offers the added convenience of complete access to as many as 1,000 servers or computers. Adding a multi-user KVM switch allows server management to be performed locally from RackView or remotely from multiple KVM workstations.

## Features

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- 3 Integrated touchpad mouse for PS2 and USB
- 3 15", 17", or 19" TFT/LCD color monitor with front panel controls
- 3 Built-in single or multiple user KVM switch options provides access to as many as 1,000 computers (Separate monitor needed)
- 3 Quick and easy rack mounting installation
- 3 Front panel conceals unit when it is not in use
- 3 Full size keyboard for typing comfort
- 3 Easy-glide KVM drawer can be mounted at any height in a standard 19 inch rack
- 3 Made in USA

## Package contents

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- 3 RackView Drawer assembly
- 3 User manual CD
- 3 USB Cable
- 3 Rack mounting brackets
- 3 Eight screws for bracket/rail fastening

## Unpacking

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- 3 DO NOT DISCARD THE SHIPPING CONTAINER, PACKING MATERIAL OR SHIPPING PLATE.
- 3 Tools needed - #2 Phillips head screwdriver
- 3 Remove RackView Keyboard from the shipping container by removing the top protective foam and lifting from the middle of the unit.
- 3 Remove other protective foam and covering.
- 3 Set the unit on a flat surface and open the monitor far enough to remove the protective foam material, and then close the monitor.
- 3 Remove the shipping plate from the back of the unit's rail assembly (if applicable).
- 3 Do not adjust the front rail brackets.
- 3 The rack dimensions must be 19" x 23" to 28"



**It is recommended that two people perform the installation.**

## Part Numbers

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RV1-KTZ      1U Keyboard Drawer  
  
                  Mounted PS/2 and USB  
  
                  Keyboard + Touchpad mouse

## Specifications

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Dimensions	Depth	Weight
RV1-KTZ	17.8 in / 452 mm	13.2 lbs / 6 Kg

Keyboard:      Full size tactile keyboard with separate numeric keypad,  
Mouse:          Touchpad  
Connectors:    Keyboard:      PS/2 or USB  
Mouse:          PS/2 or USB

## **RackView Keyboard Installation**

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RackView is very easy to install. Simply adjust the rack rail length to the depth of your rack, slide the unit through the rack and secure the rack mount brackets to the rack rails.

### **Assembly**

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1. Tilt the RackView Keyboard assembly enough to fit through the rack opening. Guide it through the rack until the rear mounting flanges are just past the rear of the rack rails. Make sure the front mounting flanges remain on the outside of the front rack rails.
2. Level the RackView Keyboard assembly (left to right) and secure the rear mounting flanges (left and right) to the rear rack rails using the included mounting screws (4 screws).
3. Secure the front mounting flanges (left and right) to the front rack rails using the included mounting screws (4 screws). Make sure the RackView Keyboard assembly is level (front to back).
4. Check that the RackView Keyboard assembly will slide in flush with the front rack rails, and open fully with no binding. See Figure 1 for further reference.

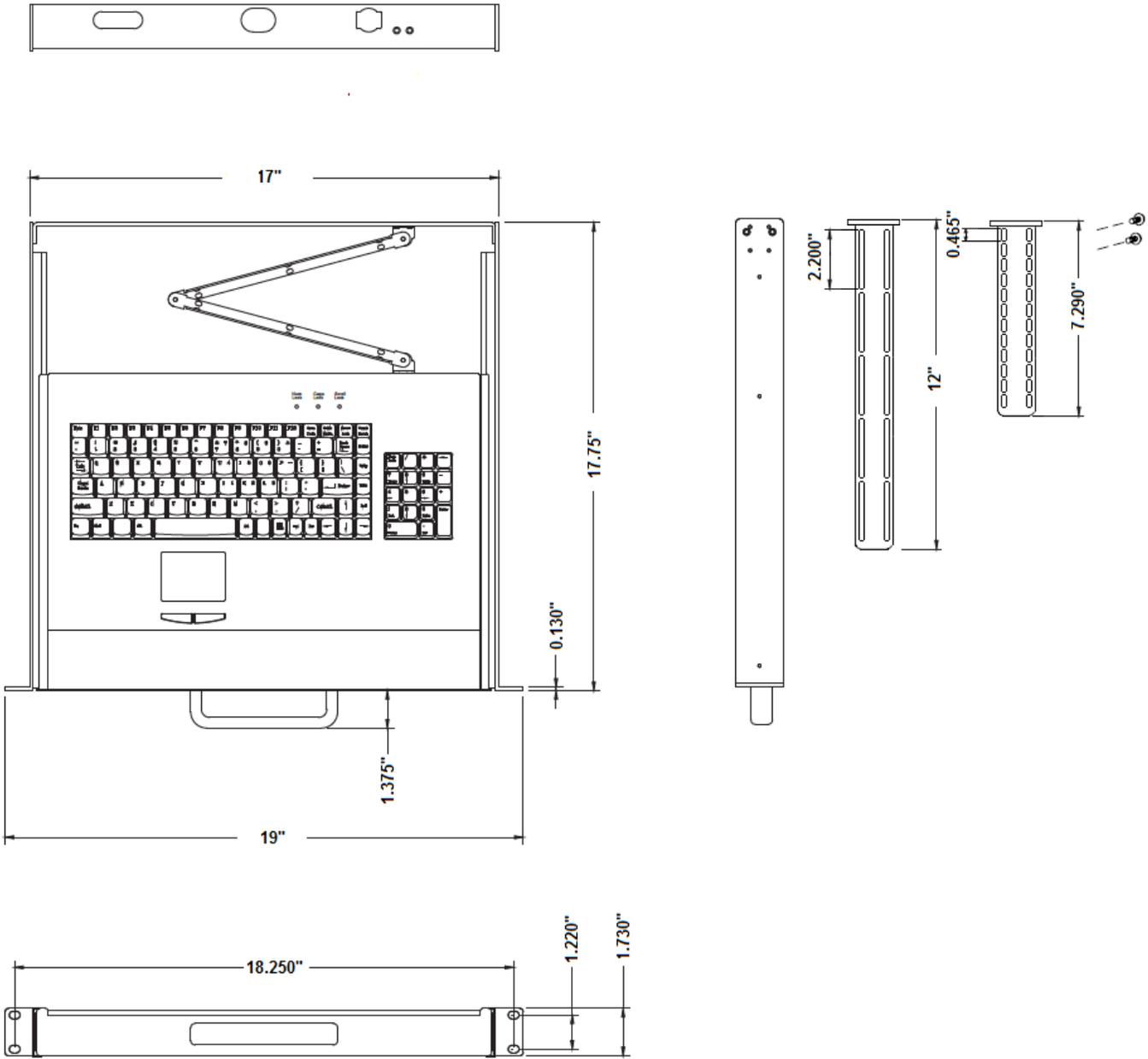


Figure 1: Product Dimensions

## Maintenance and Repair

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This unit does not contain any user-serviceable parts. In the event a Unit needs repair or maintenance, you must first obtain a Return Authorization (RA) number from Rose Electronics or an authorized repair center. This Return Authorization number must appear on the outside of the shipping container.

When returning a Unit, it should be packed in the original container or equivalent, insured and shipped to:

Rose Electronics  
Attn: RA \_\_\_\_\_  
10707 Stancliff Road  
Houston, Texas 77099 USA

## Technical Support

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If you are experiencing problems, or need assistance in setting up, configuring or operating your Rose Electronics equipment, consult the appropriate sections of this manual. If, however, you require additional information or assistance, please contact the Rose Electronics Technical Support Department at:

Phone: (281) 933-7673  
E-Mail: [TechSupport@rose.com](mailto:TechSupport@rose.com)  
Web: [www.rose.com](http://www.rose.com)

Technical Support hours are from: 8:00 am to 6:00 pm CST (USA), Monday through Friday.

Please report any malfunctions in the operation of this Unit or any discrepancies in this manual to the Rose Electronics Technical Support Department.

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Rose Electronics Part # MAN-RV-1.4

Printed In the United States of America – Revision 1.4

## Safety

The RackView Keyboard has been tested for conformance to safety regulations and requirements, and has been certified for international use. Like all electronic equipment, the RackView Keyboard should be used with care. To protect yourself from possible injury and to minimize the risk of damage to the Unit, read and follow these safety instructions.

- Follow all instructions and warnings marked on this Unit.
- Except where explained in this manual, do not attempt to service this Unit yourself.
- Do not use this Unit near water.
- Assure that the placement of this Unit is on a stable surface or rack mounted.
- Provide proper ventilation and air circulation.
- Keep power cord and connection cables clear of obstructions that might cause damage to them.
- Use only power cords and connection cables designed for this Unit.
- Use only a grounded (three-wire) electrical outlet.
- Keep objects that might damage this Unit and liquids that may spill, clear from this Unit. Liquids and foreign objects might come in contact with voltage points that could create a risk of fire or electrical shock.
- Operate this Unit only when the cover is in place.
- Do not use liquid or aerosol cleaners to clean this Unit. Always unplug this Unit from its electrical outlet before cleaning.
- Unplug this Unit from the electrical outlet and refer servicing to a qualified service center if any of the following conditions occur:
  - The power cord or connection cables are damaged or frayed.
  - The Unit has been exposed to any liquids.
  - The Unit does not operate normally when all operating instructions have been followed.
  - The Unit has been dropped or the case has been damaged.
  - The Unit exhibits a distinct change in performance, indicating a need for service.



## Server Management



## Solutions



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