KD 6176
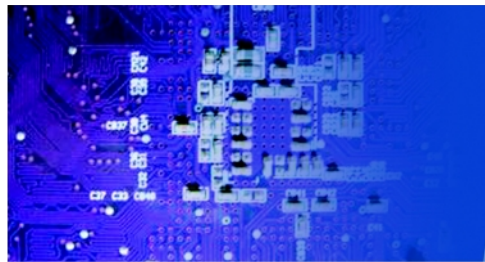
1U Rackmount Console Server
(for KVM switch or server)

User Manual

KD 6176: 1U Rackmount Console Server
(for KVM switch or server)

ACNODES

661 Brea Canyon Rd., Suite 3
Walnut, CA 91789
tel: 909.598.7388, fax: 909.598.0218, www.acnodes.com

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1U Rackmount Console Server
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Package Content

- KD 6176 1U Rack Mount Console

- 1 KVM PS/2 Cable Kit (VGA + PS/2 keyboard & mouse)

- 1 KVM USB Cable Kit (VGA + USB keyboard & mouse), Optional

- 1 AC Power Cord

-1 Owner's Manual

Table of Contents

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Overview

KD 6176 1U Rack mount Consoles feature an integrated LCD panel, full keayboard and touchpad in a 1U rack mount housing. These consoles are designed for use with a server or a KVM switch with PS/2 or USB console connectors.

Features Include

- Rack mount console (17" LCD display on KD 6176, keyboard, touchpad) in an integrated 1U Rack mount housing.

- Keyboard/touchpad section is easily removed for quick repair or replacement

- Sleep mode when the monitor cover is closed

- Supports resolutions of up to 1280 x 1024 (KD 6176) pixels

- Rack mount in 19" system rack (1U)
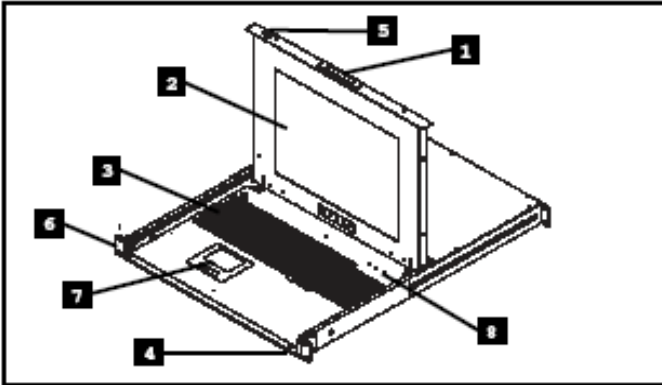
System Requirements

Supports most servers and KVM switches that have PS/2 or USB console port connectors.
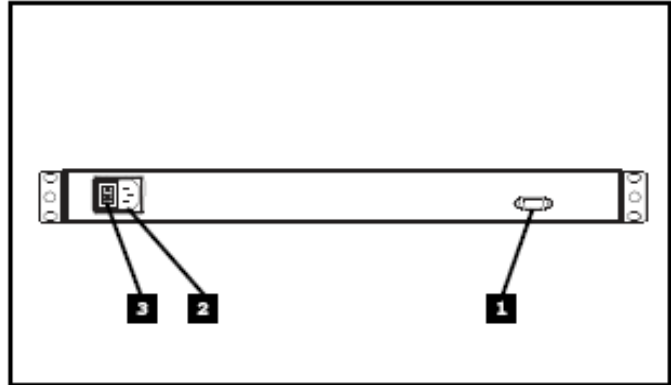
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Introduction
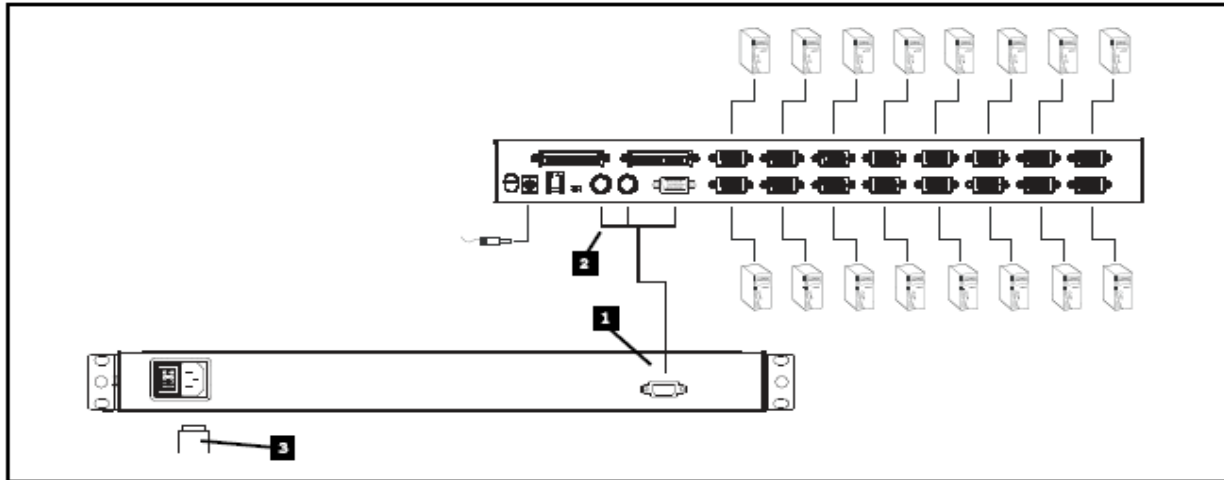
Front View

Rear View

1. Handle: Pull to slide the module out; push to slide the module in.

2. LCD Monitor: After sliding the module out, flip up the cover to access the LCD monitor, keyboard and touch pad.

3. Keyboard

4. Power LED: Lights BLUE to indicate that the unit is receiving power.

5. Slide Release: Mechanism to lock the drawer closed when the console is not in use. Prevent it from accidentally sliding open. To sile the console out, you must first release it by mocing this tab sideways.

6. Rack mount Brackets: There are rack mount brackets to secure the chassis to a system rack located at each corner of the unit. See P.6 for rack mount details.

7. Touchpad

8. LCD Display Controls: The LCD OSD controls located here include LCD ODS on/off buttons as well as buttons to control the position and picture settings of the LCD display. See the LCD OSD Configuration on P.5 for details.

1. Console Port Section: The KVM cable kits for PS/2 or USB to connect the console to your server or KVM switch plugs in here. A console cable has been provided to connect to these ports.

2. Power Socket: The power cord to the AC source plugs in here.

3. Power Switch: On/Off rocker switch

Installation

Refer to the example installation diagram below as you perform the following steps:

1. Plug the cable kit (provided with this unit) into the port on KD6176

2. Plug the keyboard, monitor, and mouse connectors on the other end of the cable kit into their respective ports on the server or KVM.

3. Plug the power cord into KD 6176's power socket and into an AC power source.

4. Power up your KVM installation.

5. Turn on the power to KD 6176.

Note: The example diagram shows KD 6176 connecting to a KD 6176 KVM switch. If you are connecting to a different model, the condole port connectors may be in a different location.

LCD OSD Configuration

The LCD OSD allows you to set up and configure the LCD display:

- To bring up the LCD OSD main menu, press the button marked Menu.

- Use the up and down buttons to navigate and make adjustments; after navigating to a setting choice, use the Menu button ro bring up the adjustment screen.

- When make adjustments, up button increases the vaule; down button decreases the value.

- When you are satisfied with your adjustment, press Exit to return to the OSD main menu

- When all your adjustments have been made, press Exit to close the LCD OSD.

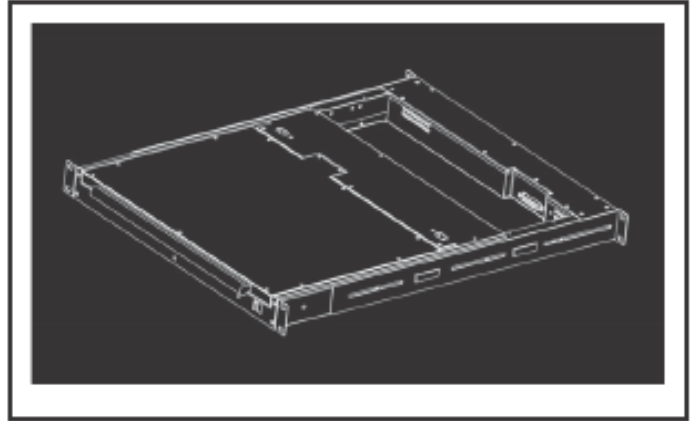|	
Auto Adjust	Automatically configures all the settins for the LCD panel to settings that that the OSD considers the optium values.
Brightness	Adjusts the background black level of the screen image.
Contrast	Adjusts the foreground white level of the screen image.
Phase	Adjusts the vertival size of the screen image.
Clock	Adjusts the horizontal size of the screen image.
H-Postition	Positions the display area on the LCD panel horizontally (moves the display area left or right).
V-Position	Positions the display area on the LCD panel vertically (moces the display area up or down).
Color Adjustment	Adjusts the color quality of the display. You can adjust the "warmth" value, color balance, etc. The Adjust Color selection has a further submenu that lets you fine tune the RGB values.
Language	Selects the language that the OSD displays its menus in.
Recall	Resets the adjustments on all menus and submenus to their factory default settings.

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Rackmounting

KD 6176 can be mounted in a 1U system rack. For convenience and flexibility, a rackm mounting kit, that allows several mounting options is provided with your KD 6176 package. The various options are ex-plained in the sections that follow.

Stadard Rack Mounting

The standard rack mounting brackets that come attatched to KD 6176 allow the unit to be installed in stan-dard 1U racks. if the unit can fit into your rack "as is," simply slide it into the rack and screw it securely in place.
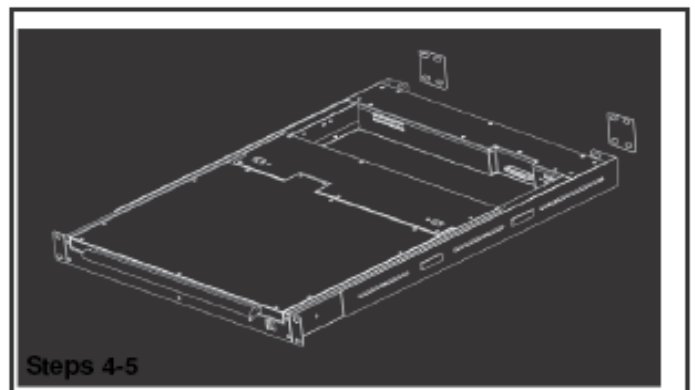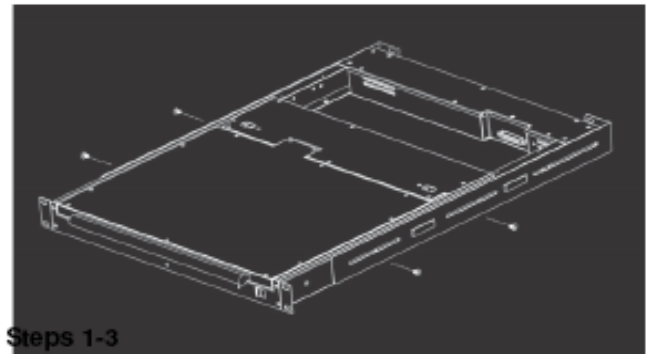
Optional Rack Mounting

If there is not enough clearance for the unit to slide into the rack when the rear flanges face outward, the problem can be resolved with the following procedure:

1. Unscrew the rear mounting brackets from the chassis.

2. Turn the brackets so that the flanges face inward; then screw them back into the chassis.

Note: Be suer to leave a 12mm gap between the flange and the rear of the chassis in order to have enough room to screw the tab to the flange.

3. Slide the unit into the rack.

4. Screw the metal tabs to the rear flanges.

5. Secure the unit to the rack with the front flanges and rear tabs.

KD 6176 can also be mounted in a 2-post rack installation using the optional 2-Post Rack mount Kit KD 6176. The mounting hardware allows for the consoles to be opened with the drawer in any position. Heave-duty 14-gauge steel provides stability and prevents console frame from twisting.

Steps 1-3

Steps 4-5

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Specifications

Function		Specification
Connectors	Console	1 x HD-15 male
	Power	1 x AC Input socket
LEDs		1 x Power (Blue)
Resolution	KD 6176	1280 x 1024
Environment		Operating Temperature: 32°- 122° F
		Storage Temperature: -4°- 140°F
		Humidity: 0 - 80% RH Noncondensing
Housing		Metal
Weight		26.9 pounds
Dimensions		23.6 x 19.0 x 1.7 inches

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