

# LCD Drawer User Manual

Screen Pivot Version - RM-K24A-R



This manual, covering various aspects of the equipment such as installation, setup and cascade, will help you make full use of this LCD KVM Drawer. Please read this manual carefully and install and operate the equipment according to the manual to avoid damage to this product its accessories.

Product package includes following items:

- 1 \* 24 inch LCD KVM Drawer;
- 1 \* AC Power Cord
- 1 \* Rack installation bracket ( one pair )
- 1 \* USER'S manual
- 1 \* 1.8 Meter HDMI cable
- 1 \* 1.8 Meter Display port cable
- 1 \* 1.8 Meter USB A Type cable

Please check items above. If any item is missing or damaged, please contact your dealer promptly.

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# 1 Introduction

## 1.1 Overview

The RM-K24A-R rotating LCD KVM integrates keyboard, LCD display and touch pad in a drawer 1U LCD drawer and provides a convenient space-saving design for KVM switch technology, combining a 24" LCD display with an integrated keyboard and touchpad.

The RM-K24A-RKVM console is a control device integrating a 24" LCD, 104 keys keyboard and touchpad mouse. You can maximize screen size with the 1U rotating LCD console drawer.

This LCD KVM console is the best choice to save time and space. Since all hosts can be controlled from a single main control terminal, using the LCD KVM Console:(1)avoids the cost of keyboard, mouse and monitor of each host; (2) saves work space; (3) saves power; (4) saves the trouble of moving from one computer to another. (with KVM Switch)

\* For Mac and Sun hosts, USB cable must be used for connection.

## 1.2 Function & Features

The RM-K24A-R KVM rotating rackmount monitor takes up 1U in height to maximize space with a large screen, supporting resolution up to 3840 x 2160. It meets the 1U EIA 19" rack specifications and is designed to install into 19 inch chassis. No need to install additional software or hardware.

## 1.3 Hardware Requirement

### 1.3.1 Hosts Requirement:

- (1) DP, HDMI graphic card

Note: the max. resolution of the integrated LCD display is 3840 x 216, @60Hz. Make sure the resolution of any connected computer does not exceed this resolution.

- (2) USB port for keyboard and mouse.
- (3) USB 2.0 Hub for peripheral USB device

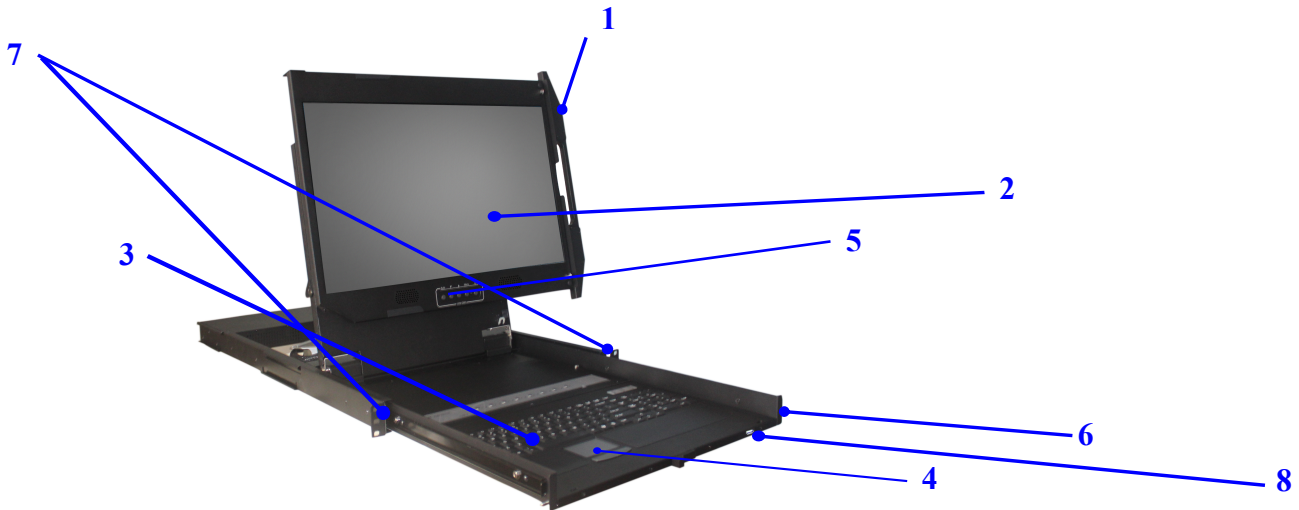
### 1.3.2 Cables

- (1) HDMI cable male to male
- (2) Display port Cable male to male
- (3) USB A Type Cable

## 1.4 Product Specifications

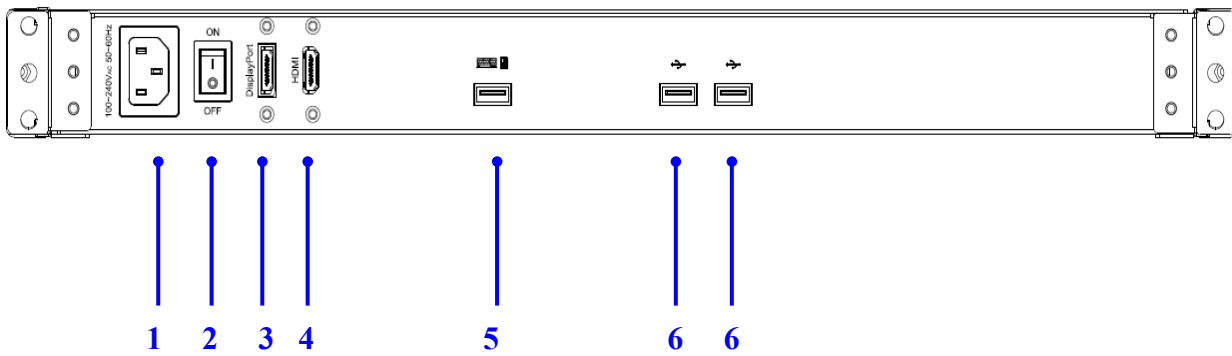
Model		KVM-2401WPD-M5-4K
Brightness		300cd/m
Contrast		1000:1
Angle of visibility		178°(H),178°(V)
Color display		1.07 Billion color
Keyboard		104 keys
Mouse		touch pad mouse
Local Control Terminal	Keyboard/Mouse	USB 2.0
	HDMI2.0	HDMI female connector (HDCP2.2)
	Display port 1.4	Display port female connector (HDCP2.2)
	USB 2.0	For USB peripheral device
Video resolution		3840 x 2160 @ 60Hz 1920 x 1200 @ 60Hz 1920 x 1080 @ 60Hz
Power supply		100-240V AC 50/60Hz via IEC Type power cord
Housing		Metal housing
Weight		20Kg
Dimension(W x H x D)		448 x 44 x 690 (mm)

## 1.6 Front View



NO	Part	Function Description
1	Handle to adjust screen opstion	
2	LCD display	
3	Keyboard	
4	Touchpad	
5	LCD OSD button	LCD button to control Screen Display position and image setting.
6	Mounting bracket	Install into rack cabinet
7	Lock button	Auto lock / release when lcd pull up and down
8	USB2.0 HUB port	

## 1.7 Rear View



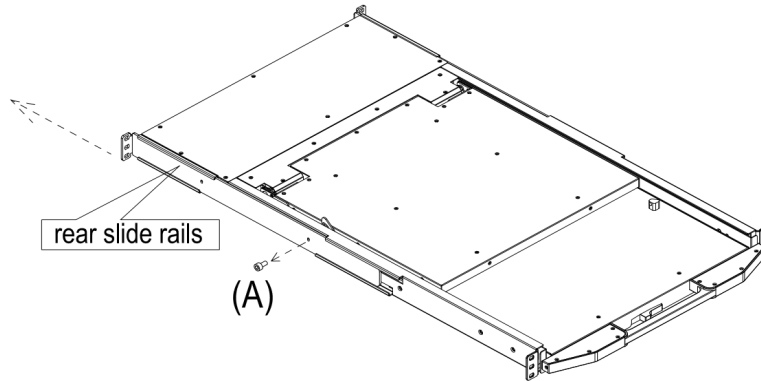
No	Component	Function Description
1	AC Power port	Standard IEC Type AC Inlet
2	Power Switch	Rock switch, turn on/off equipment main power.
3	Display port	Connect to server.
4	HDMI port	Connect to server.
5	USB port	Connect to server.
6	USB 2.0	For USB peripheral device

## 2 Installation

### 2.1 Rack Installation

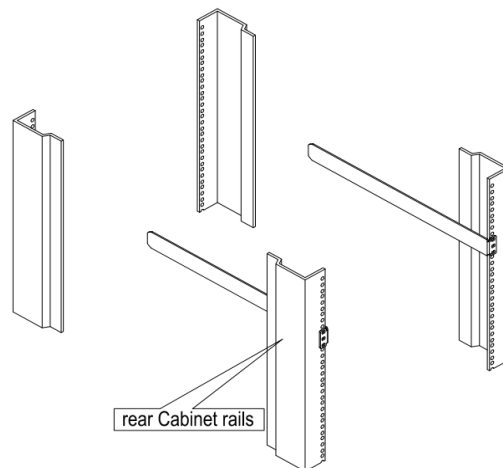
Step one

Loosen screw **A** on both sides to slide out and remove the two rear slide rails.



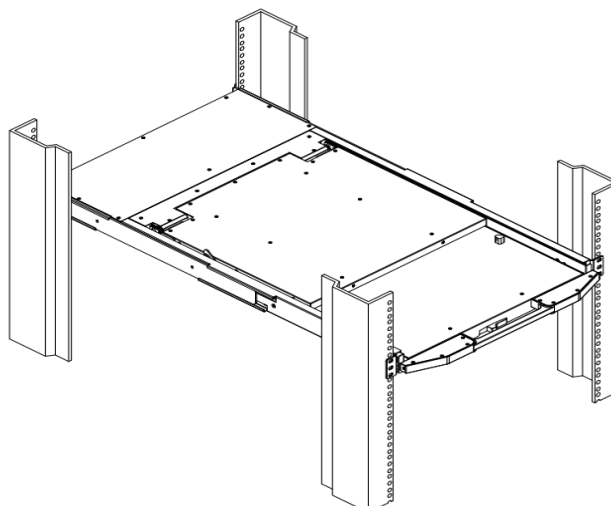
Step two

Attach the two rear slide rails to the rear vertical mounting rails of the rack cabinet using standard M6 cage nuts and screws.



Step three

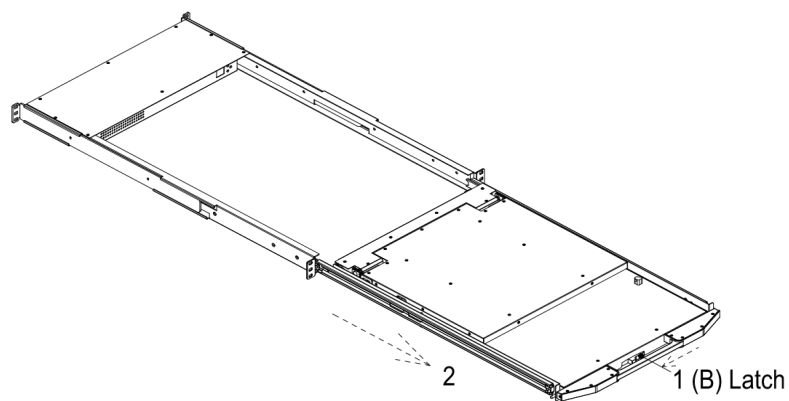
Position the LCD console drawer so the two rear slide rails will slide into the main body of the LCD console drawer. Attach the mounting ears of the LCD console drawer to the front vertical mounting rails of the rack cabinet using standard M6 cage nuts and screws.





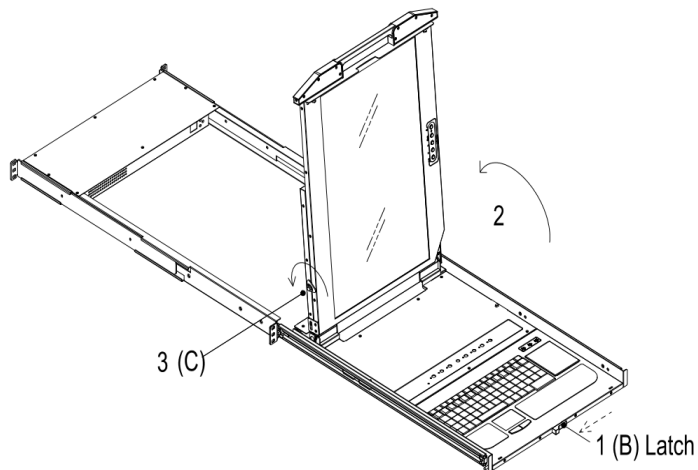
Step four

Unlock Latch (B) to the left. Slide out along with the rail.



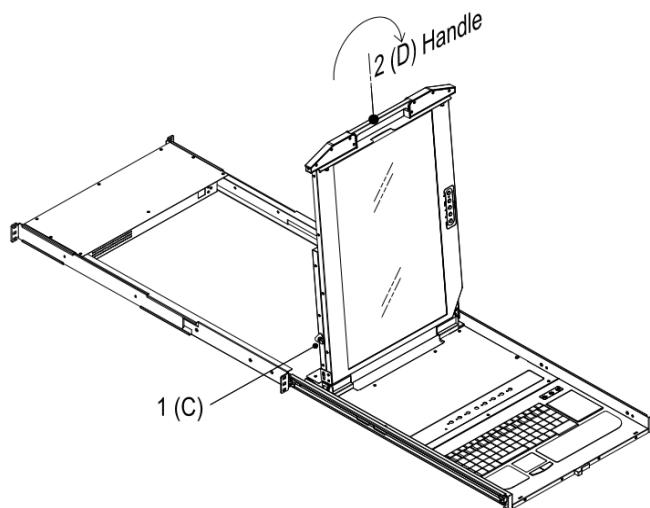
Step five

Unlock Latch (B) to the left again to lift up LCD.



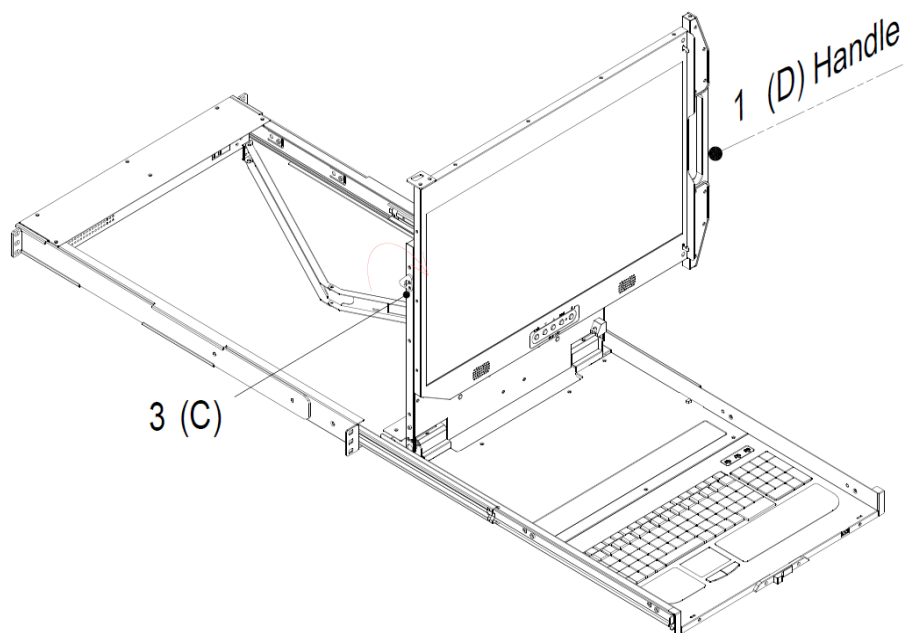
Step six

Unlock Latch (C) to adjust screen angle by holding the handle (D) to the right.



Step seven

3. Adjust the latch (C) to stable LCD module at operating position



Step eight

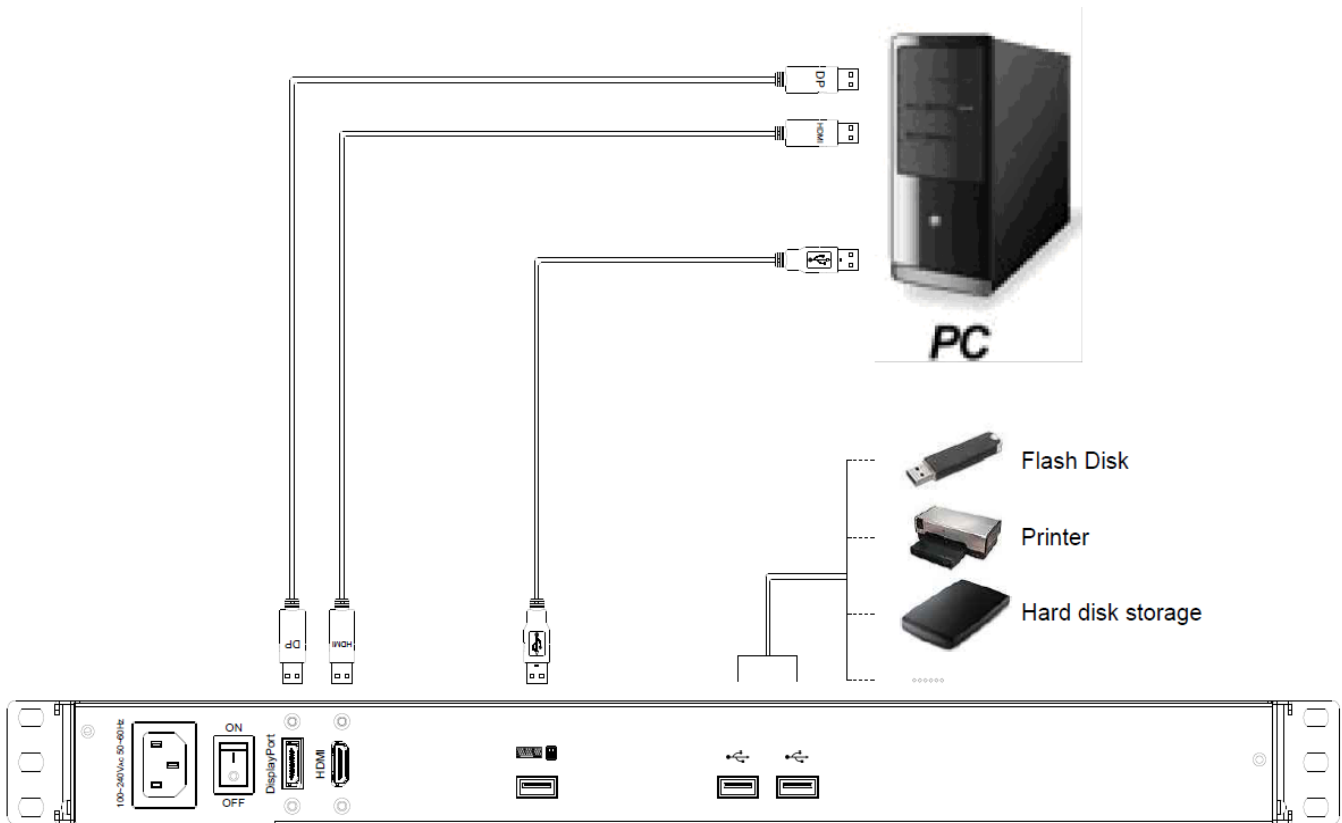
1. After operating, follow Step 7---> 6 ---> 5 ---> 4 to store the LCD drawer.

## 2.2 Standard Installation

Please follow the installation drawing and instructions below for standard installation:

- \* Please turn POWER OFF on Equipment to be Connected
- \* Please Pay Attention to Grounding of Equipment

The standard installation is completed, and LCD KVM console can be powered on. Then power on connected hosts.



## 2.3 LCD OSD Menu Setup

### OSD Control buttons

LCD OSD can establish and setup LCD display. Setup instructions of four buttons are as follows:

Button	Functions
POWER	Turn on or off the LCD Display
MENU	Activate OSD menu, select a menu and press MENU key to confirm the selection and enter the submenu.
▲	Press this key to increase setting or scroll up the menu bar
▼	Press this key to Decrease setting or scroll down the menu bar
Auto/Source	press to seletion video input

### **3 Certificates**

#### **FCC**

This product has been tested and is proved to meet requirements of Grade B electronic devices and specifications of Section 15 of FCC certification. Please observe following two conditions in operation that:

- (1) The equipment will not generate any harmful interruption.
- (2) If the equipment is interrupted, it may cause unnecessary operations.

#### **CE**

This equipment complies with regulations of EN55022:CLASS B.

#### **RoHS**

The whole package including products, packaging materials and documents meet RoHS equipments.