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Regulatory Notice

Legal Information

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Information in this document has been carefully checked for accuracy; however, no guarantee is given to the correctness of the contents. The information in this document is subject to change without notice. We are not liable for any injury or loss that results from the use of this equipment.

Safety Instructions

■ Unplug equipment before cleaning. Don't use liquid or spray detergent; use a moist cloth.

■ Keep equipment away from excessive humidity and heat. Preferably, keep it in an air-conditioned environment with temperatures not exceeding 40º Celsius (104º Fahrenheit).

■ When installing, place the equipment on a sturdy, level surface to prevent it from accidentally falling and causing damage to other equipment or injury to persons nearby.

■ When the drawer is in an open position, do not cover, block or in any way obstruct the gap between it and the power supply. Proper air convection is necessary to keep it from overheating.

■ Arrange the equipment's power cord in such a way that others won't trip or fall over it.

■ If you are using a power cord that didn't ship with the equipment, ensure that it is rated for the voltage and current labeled on the equipment's electrical ratings label. The voltage rating on the cord should be higher than the one listed on the equipment's ratings label.

■ Observe all precautions and warnings attached to the equipment.

■ If you don't intend on using the equipment for a long time, disconnect it from the power outlet to prevent being damaged by transient over-voltage.

■ Keep all liquids away from the equipment to minimize the risk of accidental spillage. Liquid spilled on to the power supply or on other hardware may cause damage, fire or electrical shock.

■ Only qualified service personnel should open the chassis. Opening it yourself could damage the equipment and invalidate its warranty.

■ If any part of the equipment becomes damaged or stops functioning, have it checked by qualified service personnel.

Regulatory Notices Federal Communications Commission (FCC)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
Any changes or modifications made to this equipment may void the user's authority to operate this equipment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

■ Re-position or relocate the receiving antenna.

■ Increase the separation between the equipment and receiver.

■ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

LCDK1038 / 1039   Important Safeguards

Please read all of these instructions carefully before you use the device. Save this manual for future reference.

What the warranty does not cover

- Any product, on which the serial number has been defaced, modified or removed.

- Damage, deterioration or malfunction resulting from:

  - ☐ Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.

  - ☐ Repair or attempted repair by anyone not authorized by us.

  - ☐ Any damage of the product due to shipment.

  - ☐ Removal or installation of the product.

  - ☐ Causes external to the product, such as electric power fluctuation or failure.

  - ☐ Use of supplies or parts not meeting our specifications.

  - ☐ Normal wear and tear.

  - ☐ Any other causes which does not relate to a product defect.

- Removal, installation, and set-up service charges.

Before Installation

- It is very important to locate the KVM in a suitable environment.

- The surface for placing and fixing the KVM should be stable and level or mounted into a suitable cabinet.

- Make sure the place has good ventilation, is out of direct sunlight, away from sources of excessive dust, dirt, heat, water, moisture and vibration.

- Position LCD Keyboard Drawer with respect to related facilities.

Unpacking

The KVM comes with the standard parts shown in Package Content. Check and make sure they are included and in good condition. If anything is missing, or damage, contact the supplier immediately.
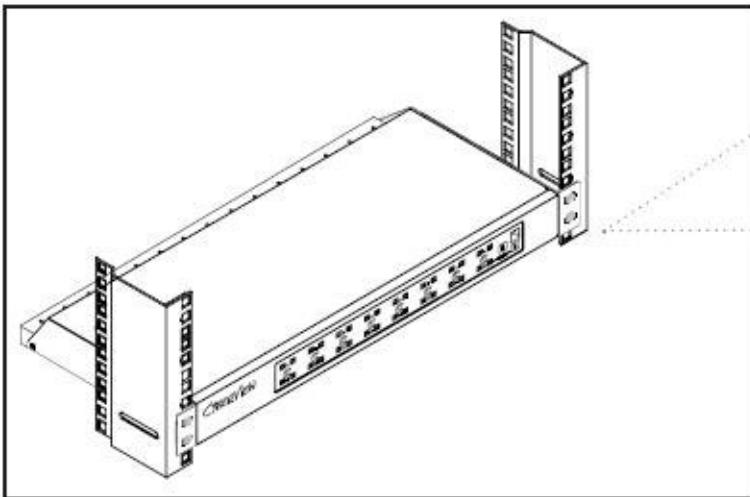
Installation
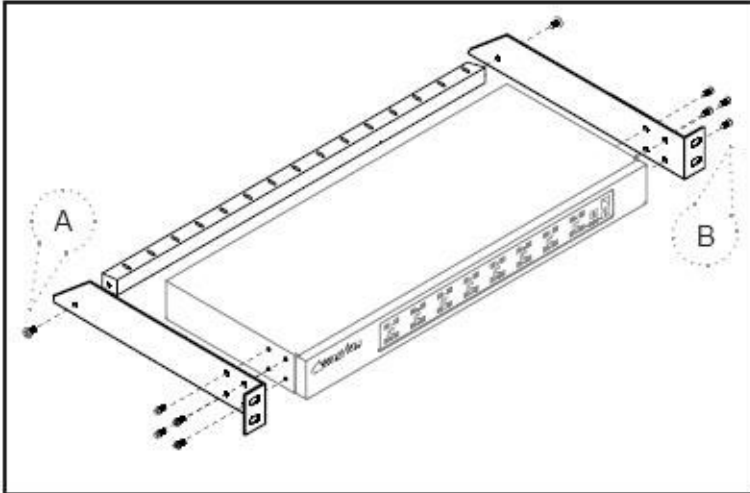
screw A: M3.2 x 4.5 mm

screw B: M4 x 10 mm

■ Install each bracket using screws provided shown in **Figure 1.**

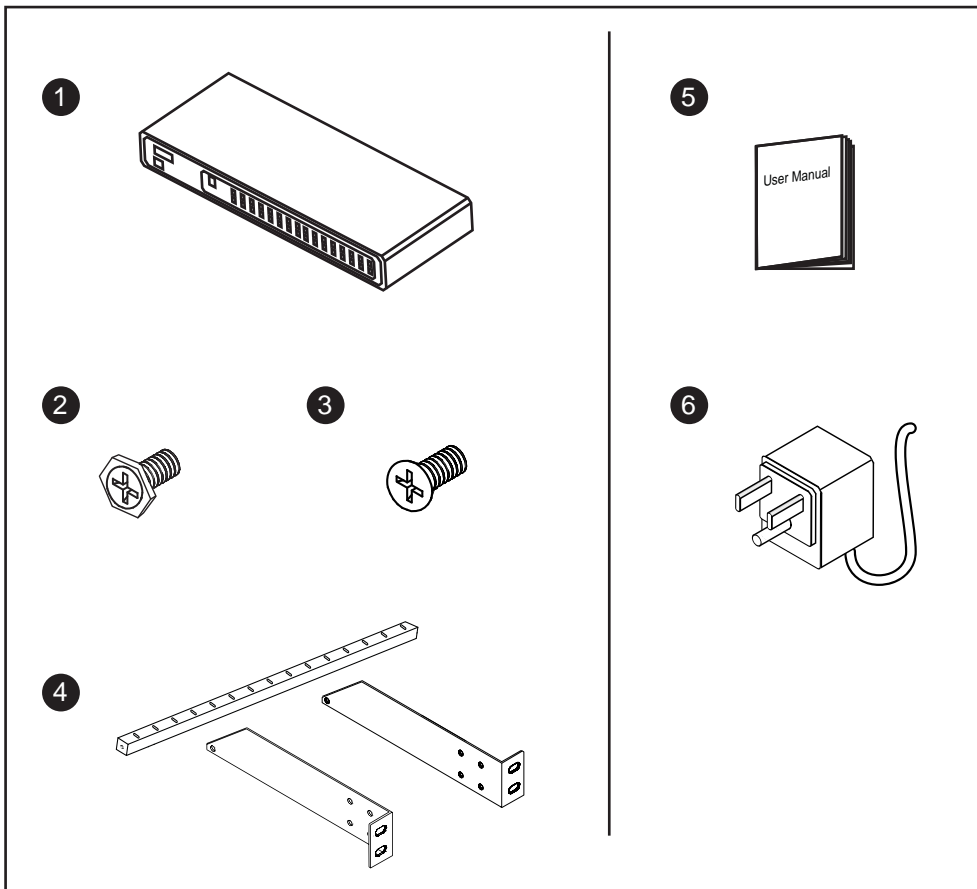**Figure 1.** Installing the bracket to the KVM.

■ Fix the KVM into the rack

* Hardware for fixing the mounting bracket to the rack is not provided

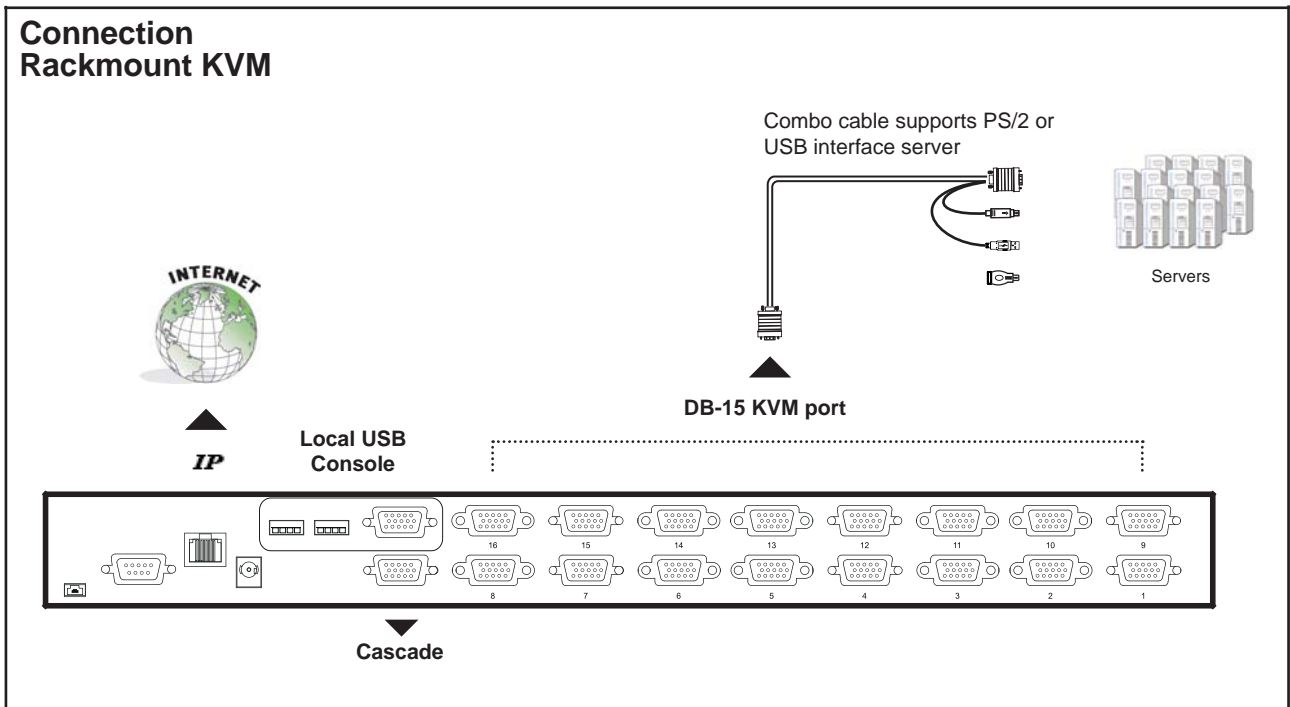**Figure 2.** Fixing the KVM into the rack.

LCDK1038 / 1039

Package Content (only for rackmount KVM)

① KVM switch x 1 pc

② Screw M3.2 x 4.5mm x 4 pcs

③ Screw M4 x 10mm x 8 pcs

④ Bracket x 1 set

⑤ User manual x 2 pcs

⑥ 12V Power adapter x 1 pc

LCDK1038 / 1039

Connection

Local USB
Console

LCDK1038

IP Console   Power   Cascade

Local USB
Console

LCDK1039

IP Console   Power   Cascade

Connection
Rackmount KVM

Combo cable supports PS/2 or
USB interface server

Servers

DB-15 KVM port

INTERNET

IP

Local USB
Console

Cascade

**Connection
KVM modules**

Combo cable supports PS/2 or
USB interface server

Servers

back

INTERNET

IP

DB-15 KVM port

Power

16   15   14   13   12   11   10   9

8   7   6   5   4   3   2   1

Cascade

**Connection
LCD-A3001**

16   15   14   13   12   11   10   9

8   7   6   5   4   3   2   1

DB-15 KVM port

LCD-A3001 KVM cable

USB   VGA

KB MS   VGA

USB server via LCD-A3001

PS/2 server via LCD-A3001

LCDK1038 / 1039

Cascade

■ Cascaded KVM (Bank 2 to 8) must be single console KVM

■ Interconnection with Combo Cat6 KVM

■ Cascading multiple KVM by LCD-A1019 cable.

**Cascade
Rackmount KVM**

LCDK1039

Cascade

LCD-A1019 cable

**Local USB
Console**

LCDK1021

Cascade

LCDK1021

LCDK1020

LCDK1044

LCDK1043

LCD-A1019

LCDK1038 / 1039

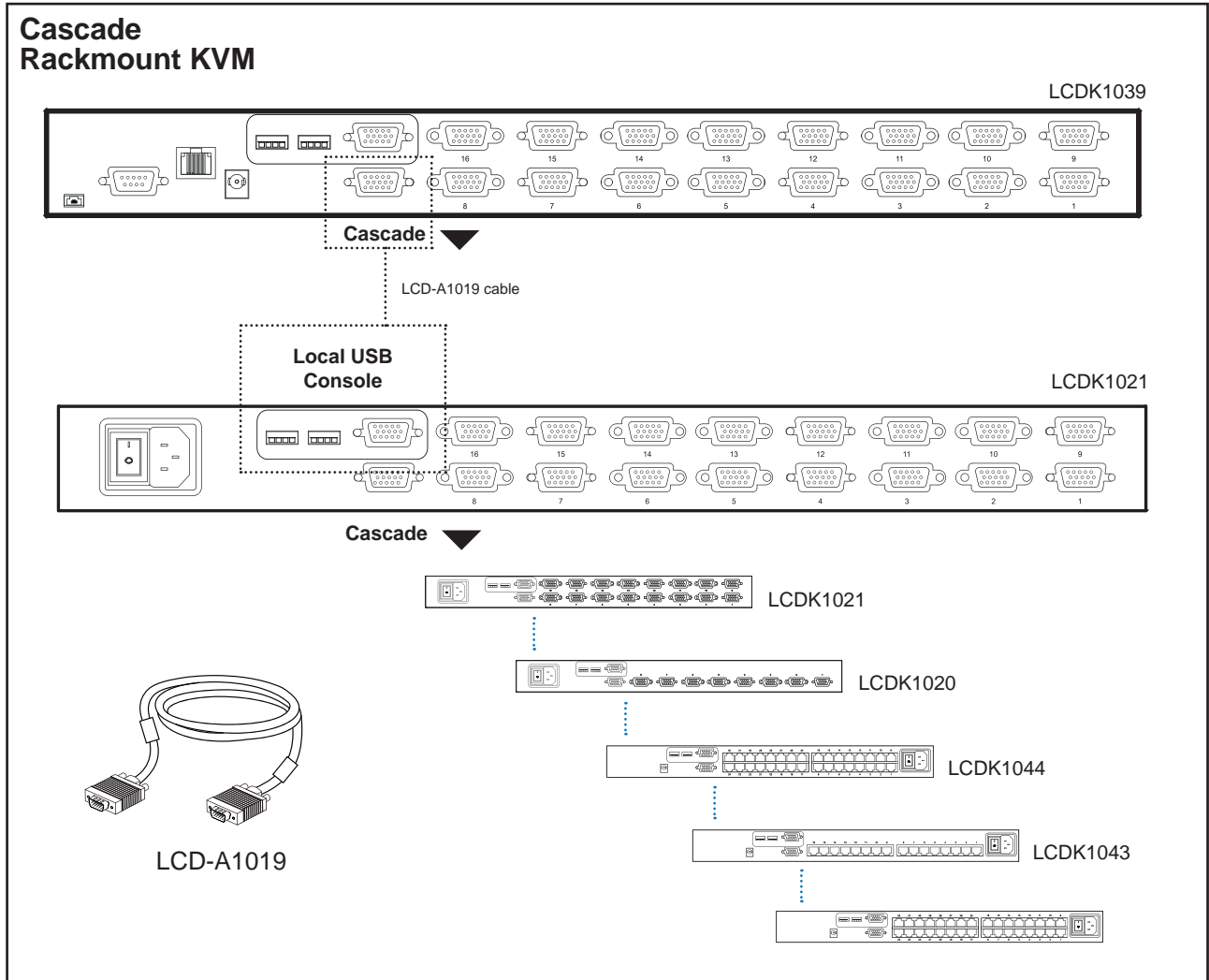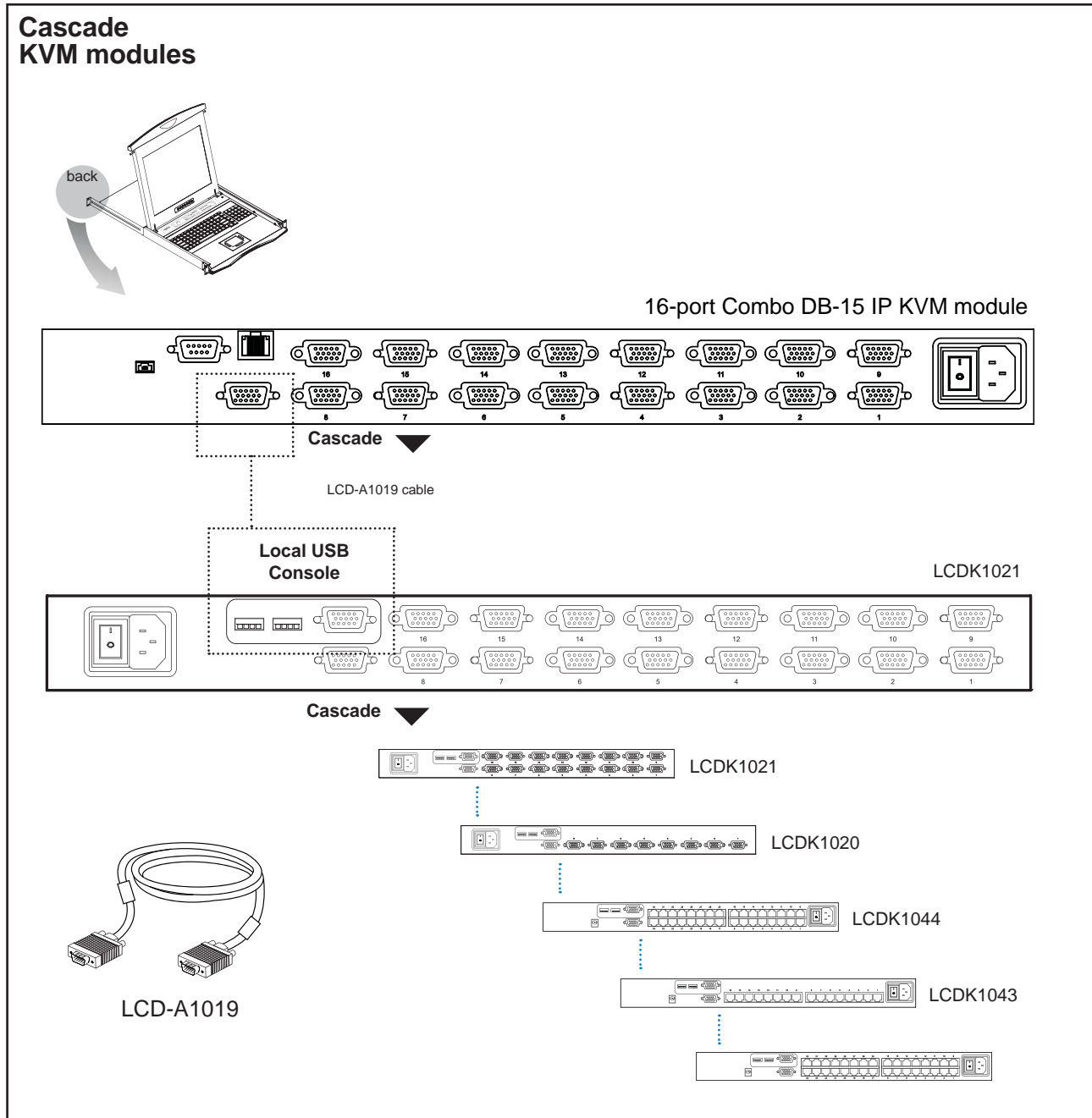## Cascade

- Cascaded KVM (Bank 2 to 8) must be single console KVM
- Interconnection with Combo Cat6 KVM
- Cascading multiple KVM by LCD-A1019 cable.

Cascade KVM modules

back

16-port Combo DB-15 IP KVM module

Cascade ▼

LCD-A1019 cable

Local USB Console

LCDK1021

Cascade ▼

LCDK1021

LCDK1020

LCDK1044

LCDK1043

LCD-A1019

Specifications

| LCDK1038 / 1039	
■ **KVM Port**	
Number of ports:	8 or 16
Connector:	DB-15 combo connector
Connectivity:	Combo 4-in-1 KVM cable, up to 6, 10 & 15 feet
■ **Local Console**	
Graphic connector:	1 x DB-15 VGA
Resolution:	Up to 1600 x 1200
Input device:	2 x USB type A for keyboard & mouse
■ **IP Remote Console**	
Connector:	RJ45 Ethernet
User management:	15-user login, 1 x active user
Network protocol:	DHCP / BOOTP / DNS
Security:	SSL v3, RSA, AES, HTTP / HTTPs, CSR
Resolution:	Up to 1600 x 1200
Browser:	IE, Firefox, Safari, Netscape
Others:	Serial port, virtual media via USB
■ **Expansion:**	Up to 128 servers by 8-level cascade
■ **Compatibility**	
Multi-platform:	Mix PCs, SUNs, IBMs, HPs, DELLs Server
Support:	Windows Vista / 2003 / XP / 2000, Linux, Netware, Unix
■ **Power**	
Input:	100 or 240V AC at 50 or 60 Hz via IEC type cord OR AC / DC power adapter 12V@3.3A (optional)
Option DC:	12V / 24V / 48V DC input
Consumption:	Max. 24 Watt, Standby 5 Watt
■ **Regulatory Approval:**	FCC, CE
■ **Environmental**	
Operating:	0 to 50°C
Storage:	-5 to 60°C
Relative humidity:	90%, non-condensing
Shock:	50G peak acceleration (11ms, half-sine wave)
Vibration:	58~100Hz / 0.98G (11ms / cycle)
■ **Product Information**	
Dimension (W x D x H):	446 x 180 x 44 mm / 17.6 x 7.1 x 1.73 inch
Net weight:	LCDK1038: 4.5kg / 10 lb, LCDK1039: 5 kg / 11 lb

Power ON

- ■ Turn off all servers and KVM switches
- ■ Make sure all cables / connectors are properly connected
- ■ Recommend Power ON sequence is monitor, KVM switch finally computer

Front Panel - Port LED Indications

8 ports

| Bank no. | PC port LEDs | Channel button | Bank button |
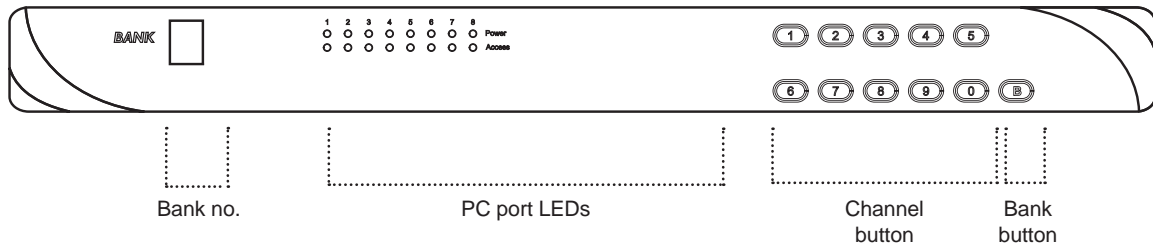
16 ports
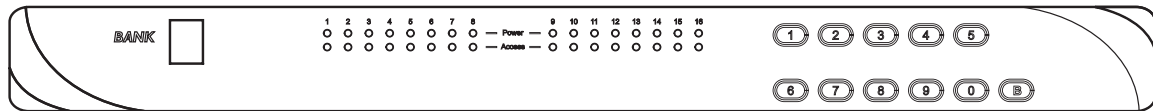
Bank no.	7-Segment BANK LED indication
PC port LEDs	*Power* : **Orange** LED on indicating a PC is connecting to the port
	Access : **Red** LED on indicating a selected channel
Channel button	Press to select channel from 01 to 16
Bank button	Select the bank from 1 to 8

Password Combo KVM Usage

The password is disabled by default (i.e. There is no password required when you power on the KVM switch for the first time)

■ **Enable password**
1. Press the KVM hotkey **Scroll Lock + Scroll Lock + U**
2. Logout the KVM by pressing the hotkey **Scroll Lock + Scroll Lock + P**
3. In SUPERVISOR level, enter "00000000" eight zeros in user name & password field
   (Do not use "0" on number pad)
4. In USER level, press **Space bar** + **Enter** in user name & password field
   Remark: Automatic logout after 10 minutes of inactivity

■ **Set your own user name & password**
1. Login the KVM in SUPERVISOR level by pressing "00000000" eight zeros in user name & password field
2. Call KVM OSD menu by pressing the KVM hotkey **Scroll Lock + Scroll Lock + Space Bar**
3. Press **F1** to the MAIN MENU
4. Select "USER SECURITY"
5. Set password in SUPERVISOR & USER level
   a. In the left-top row "S" (SUPERVISOR), press **Enter** to set your own user name & password
   b. In the row 1 to 8 (USER), press **Enter** to set your own user name & password
6. Press **Enter** to save the setting or press **Esc** to cancel the editing without any change

Remark: a. Blank has underscore, while SPACE doesn't have
      b. Press any alphanumeric key to move to next input item. SPACE is treated as a valid character

■ **Change your password**
1. Login the KVM in SUPERVISOR level by pressing your own user name & password
2. Call KVM OSD menu by pressing the KVM hotkey **Scroll Lock + Scroll Lock + Space Bar**
3. Press **F1** to the MAIN MENU
4. Select "USER SECURITY"
5. Change password in SUPERVISOR & USER level
   a. In the left-top row "S" (SUPERVISOR), press **Enter** to change your user name & password
   b. In the row 1 to 8 (USER), press **Enter** to change your user name & password
6. Press **Enter** to save the setting or press **Esc** to cancel the editing without any change

Remark: a. Blank has underscore, while SPACE doesn't have
      b. Press any alphanumeric key to move to next input item. SPACE is treated as a valid character

■ **Disable your password**
1. Press the KVM hotkey **Scroll Lock + Scroll Lock + U**
2. Logout the KVM by pressing the KVM hotkey **Scroll Lock + Scroll Lock + P**
3. You don't need user name & password to access the KVM OSD menu

■ **Forget your password**
Please contact your supplier for further support

Remark:
■ You must press the KVM hotkey within 2 seconds
■ A beep sound will be heard for successful entering KVM hotkey

OSD Menu

```
┌──────────────────────────────────────────────┐
│ PORT   NAME                                    │
├─────────────────────────┬──────────────────────┤
│ BANK : 1                │ F1 : MENU            │
│ 01☼  SYSTEM    01 ☜     │ F2 : LOGOUT          │
│ 02☼  SYSTEM    02       │ F3 : PREV            │
│ 03☼  SYSTEM    03       │ ESC : QUIT           │
│ 04☼  SYSTEM    04       │ ENTER : COMPLETE     │
│ 05☼  SYSTEM    05       │ ⬆/⬇ : SELECT         │
│ 06☼  SYSTEM    06       │ PgUp/PgDn :          │
│ 07☼  SYSTEM    07       │ BANK SELECT          │
│ 08☼  SYSTEM    08       ├──────────────────────┤
│                         │ USER :               │
│                         │ SUPERVISOR           │
│                         │ SCAN TIME :          │
│                         │ 10 SEC       FW1V3   │
└─────────────────────────┴──────────────────────┘
```

OSD operation

☼	next to the system name	The PC is powered on
☜	next to the system name	The PC is selected
F1		Access F1 MAIN MENU
F2		Logout the OSD menu
F3		Previous menu
Esc		Cancel / Quit
Enter		Complete / Switch to selected port
⬆/⬇		Switch to previous or next port
PgUp/PgDn		Switch to previous bank or next bank
1 / 2 / 3 / 4		Display port 01 ~ 08 / 09 ~ 16 / 17 ~ 24 / 25 ~ 32 Remark: Display port 17 ~ 32 for 32 port model only

F1 Main Menu

```
┌──────────────────────────────────────────────┐
│ MAIN   MENU                          ☜ X       │
├──────────────────────────────────────────────┤
│ SELECT OPTION :                                │
│ 01      LANGUAGE                               │
│ 02      PORT NAME  EDIT                        │
│ 03      PORT SEARCH                            │
│ 04      USER SECURITY                          │
│ 05      ACCESS LIST                            │
│ 06      HOTKEY                                 │
│ 07      TIME SETTINGS                          │
│ 08      OSD MOUSE                              │
└──────────────────────────────────────────────┘
```

01 LANGUAGE	OSD language change
02 PORT NAME EDIT	Define port name
03 PORT SEARCH	Quick searching by port name
04 USER SECURITY	Change password
05 ACCESS LIST	Define user access authority
06 HOTKEY	Change hotkey
07 TIME SETTINGS	Modify scan display time interval
08 OSD MOUSE	Modify OSD mouse speed

Local Console Hotkey

Hotkey	Function
Scroll Lock + Scroll Lock + Space Bar	Calling OSD menu
Right-button mouse + Esc	Calling OSD menu
Scroll Lock + Scroll Lock + ⬆	Switch to previous port
Scroll Lock + Scroll Lock + ⬇	Switch to next port
Scroll Lock + Scroll Lock + PgUp / PgDn	Switch to previous bank or next bank
Scroll Lock + Scroll Lock + Bank no. + Port no.	Switch to specific port
Scroll Lock + Scroll Lock + B	Turn the buzzer ON and OFF * Default the buzzer is ON
Scroll Lock + Scroll Lock + P	Logout the KVM if password security is ON. Show up the status windows

Advance hotkeys (for Supervisor login only)

Scroll Lock + Scroll Lock + S	Activate auto-scan mode for connected servers *Press any key to exit the auto-scan mode
Scroll Lock + Scroll Lock + R	Reset all the KVM settings to factory default *Except User Security settings
Scroll Lock + Scroll Lock + U	Disable and enable password security *Default security is OFF
Scroll Lock + Scroll Lock + L	To enable / disable the screen saving function and 10 minutes auto-logout *Default the screen saving is OFF

Remarks:

■ Example of "**Scroll Lock + Scroll Lock +** Bank no. + Port no."
  - Bank No. : 1 to 8
  - Port No. : 01 to 16
  - e.g. Bank 1 Port 4 : **Scroll Lock + Scroll Lock + 1 + 0 + 4**
  - e.g. Bank 2 Port 16 : **Scroll Lock + Scroll Lock + 2 + 1 + 6**
■ You must press the hotkey within 2 seconds
■ A beep sound will be heard for successful entering
■ The numeric keypad is not supported, while in OSD screen, the arrow keys, PgUp, PgDn, and Enter keys are supports

Remote Console Hotkey

Hotkey	Function
Caps Lock + Caps Lock + F1	Show up the Help OSD windows
Caps Lock + Caps Lock + F2	Select Hotkey *Default is Caps Lock
Caps Lock + Caps Lock + C	Toggle switch between remote & local port
Caps Lock + Caps Lock + Q	Turn the buzzer ON & OFF *Default the buzzer is ON
Caps Lock + Caps Lock + S	Activate auto-scan mode for remote & local port *The scan time interval is 5 seconds
Caps Lock + Caps Lock + A	Auto-adjust the video signal

Quick Installation Guide of IP KVM for remote access

Please perform the follow steps
1. Power off all KVM hardware and connected devices.
2. Connect the power supply to IP KVM
3. Connect the monitor, keyboard & mouse to console port of IP KVM (not applicable to integrated LCD drawer version)
4. Connect the KVM cable to IP KVM and target servers
5. Use an Ethernet cable to connect your local area network (LAN) to the IP console port on the KVM

Initial IP configuration

The factory default, DHCP mode is disable (IP auto configuration = None), and the preset default address as below :

IP address :   192.168.1.22 (default)
Subnet-mask :   255.255.255.0
Default Gateway: None

Install the "PSetup.exe" program from the provided CD-disc to a computer which networked with IP KVM switch, then press Refresh Devices the look for the IP-KVM.

a. Select the MAC address from label on the bottom of the IP-KVM switch
b. Click Query Device
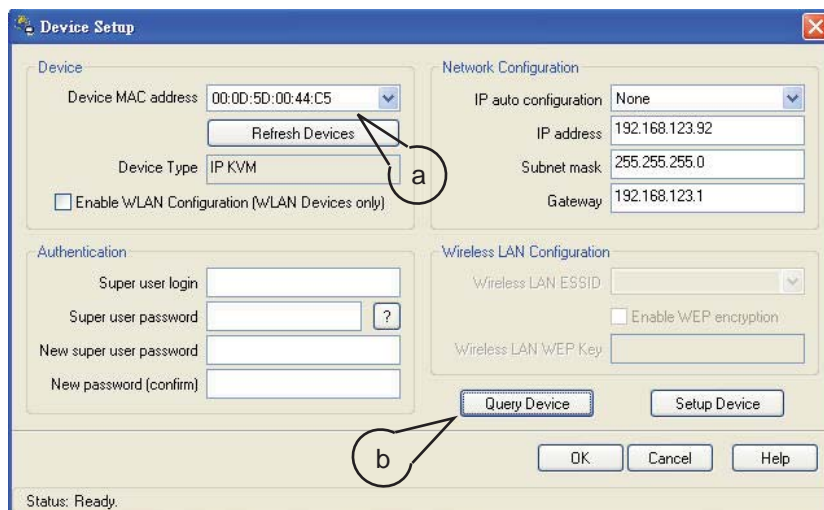
1. Configure the IP KVM with fixed address

  a. Setup "IP auto configuration" as "None"; setup IP address and Subnet mask
  b. Enter Super user login and password for Authentication (default : super/pass)
  c. Setup Device. If super login was authenticated, it'll show "Successfully configured device". Otherwise it'll show "Permission Denied".

2. Configure the IP KVM with DHCP

  a. Setup "IP auto configuration" as "DHCP"
  b. Enter Super user login and password for Authentication (default : super/pass)
  c. Setup Device. If super login was authenticated, it'll show "Successfully configured device". Otherwise it'll show "Permission Denied".

3. Install JVM on Client system
The IP-KVM switch was remote accessed by a standard JAVA enabled web browser. The client system must install Sun JVM 1.4.2 or above for remote access the IP KVM.

Remark:
■ At a minimum, you must have Internet Explorer 6.0 or Netscape 7.0 or Molliza 1.6 (and above) installed on your client computer.

4. **Remote access the IP-KVM switch via Web**

   Using the HTTP protocol or a secure encrypted connection via HTTPS and entering the configured IP address of IP KVM switch into the web browser to remote access the IP KVM switch.

   With successful connection to IP KVM, the login page will show as below, then key in the default user name & password

5. After successful login to IP KVM, you will enter the main page of IP KVM as below :
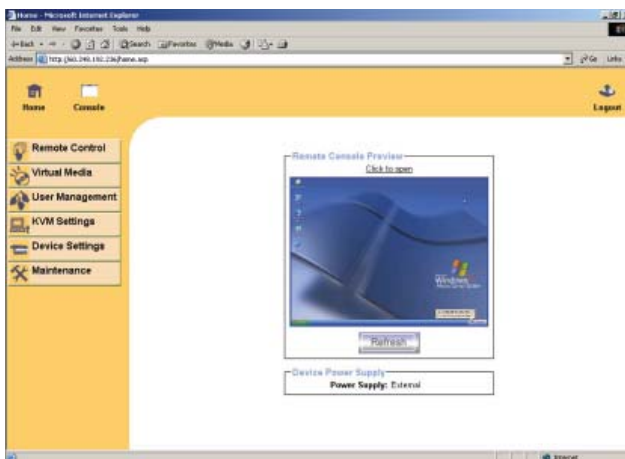
Remark:
- ■ We strongly recommend the user changes the default username and password to user specific values
- ■ Please refer to the "IP KVM User Manual" for more detailed information about IP KVM switch.

6. Bandwidth

|	Compression	Color Depth	Used Bandwidth	Comment
Video Optimized	Video Optimized	8 bit	3.0 - 3.3 MB/s	uncompressed, synchronized video data, most bandwidth needed
Video Optimized (high color)	Video Optimized	16 bit	4.3 - 5.0 MB/s	uncompressed, synchronized video data, most bandwidth needed
LAN (high color)	0 (no compression)	16 bit	1.0 - 1.3 MB/s	uncompressed video data
LAN	0 (no compression)	8 bit	500 - 700 kb/s	uncompressed video data
DSL	2	8 bit	110 - 140 kb/s	slower video because of compression
UMTS	4	8 bit	80 - 100 kb/s	slower video because of compression
ISDN 128k	6	4 bit	20 - 30 kb/s	16 colors
ISDN/Modem V.90	7	2 bit	13 - 17 kb/s	gray scale
GPRS/HSCSD	8	2 bit	5 - 7 kb/s	gray scale
GSM Modem	9 (best compression)	1 bit	1 - 3 kb/s	black&white video

1. Combo KVM cable

    1.1 LCD-A3001   6 feet

    1.2 LCD-A3002   10 feet

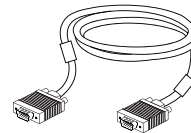   1.3 LCD-A3003   15 feet
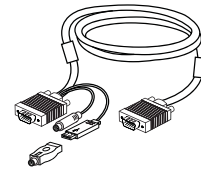
2. Cat5 cable

    2.1 LCD-A2011   3 feet

    2.2 LCD-A2012   6 feet

    2.3 LCD-A2013   10 feet

    2.4 LCD-A2014   15 feet
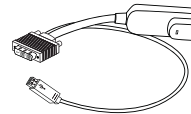
    2.5 LCD-A2015   33 feet

    2.6 LCD-A2016   66 feet
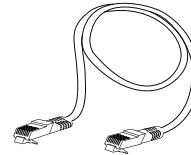
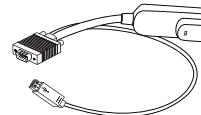**3. Combo KVM cascade cable**

    3.1 LCD-A1019   6 feet

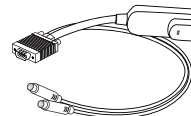**4. DVI-USB Dongle**

    4.1 LCD-A2003   DVI-D

5. VGA-USB Dongle

    5.1 LCD-A2001   USB

6. VGA-PS/2 Dongle

    6.1 LCD-A2002   PS/2

7. Power cord

    7.1 IEC power cord

    7.2 NEMA 5-15 power cord (US)

    7.3 BS 1363 power cord (UK)

    7.4 CEE 7/4 power cord (German)

    7.5 AS 3112 power cord (Australia)

Model	12V	24V	48V
Input rating			
Input voltage:	12-Volt	24-Volt	48-Volt
Input range:	9 ~ 18V	18 ~ 36V	36 ~ 75V
Input current			
- No load	50 mA	50 mA	50 mA
- Full load	4950 mA	2450 mA	1220 mA
Output rating			
Output voltage:	12-Volt	12-Volt	12-Volt
Output current:	4.16A	4.16A	4.16A
Efficiency	84%	85%	85%

Remarks:
■ Package does not include power cord

Troubleshooting

1. **There is no LED display on KVM membrane switch**
    i.   Make sure the power adapter plugged into the KVM Switch, if the LED's still off, perform soft reset to KVM switch.
    ii.   Power cycle KVM switch.

2. **I can power on the KVM, but I am not getting any picture at all, how can I solve this?**
    Switching to another port and checking if this port has the same problem
    a.   If you switch to another port, please check the screen resolution is the same.
    b.   Check the OSD menu is available on the hot keys "Scroll lock + Scroll lock + space bar".
          If the problems persist, please make sure the cables are inserted properly and the boot up sequence is followed.

3. **The screen is on but the keyboard and mouse don't work**
    i.   Check the server by using a different keyboard and mouse.
    ii.   For PS/2 servers
          The keyboard and mouse are not hot pluggable.
    iii. For USB servers
          Unplug and plug allowing a few seconds for the bus emulation process to complete.
    iv   Do not press any keys on the keyboard whilst the server is booting up. This can cause a keyboard error or cause the keyboard not to detect the KVM switch.
    v.   Try a different keyboard, but use only 101/102/104-key keyboard
    vi.   Avoid moving the mouse whilst switching the KVM ports.

4. **There is no LED display on the dongle**
    The LED on the dongle will flash when plugged into the USB or PS/2 server. The light will then become steady when the KVM switch has connected. If the LED light is on and not flashing when plugged into server, please unplug the USB or PS/2 and try again. Or try another good dongle to verify if problem still appears. If the problem persists, please contact your supplier.

FAQ

General

1. **How do the KVM switches allow the user to switch ports?**
   There are two ways to switch ports. One is the membrane buttons on the front and the other way is with Hot-key commands.

2. **What operating systems do the KVMs support?**
   The KVMs support multi-platform support allows you to control Windows-based computers, Sun Solaris systems, Linux, or even Macs by a single KVM switch. The KVM switches support multi-platform operating systems including but not limited to DOS, Windows 95/98/ME/NT/2000/XP, Linux, Solaris and Mac OS.

3. **Do I have to power down the KVMs to add a new server ?**
   The KVMs are hot-pluggable and allows servers or devices to be added or removed without powering down the switch, but components of connected devices, such as the servers, may not be hot-pluggable. We suggest that turn off power to all devices before connecting them.

4. **Why I can't login with default password on KVM switch**
   The default username and password for the KVM switch is eight zeros - "00000000". Please check
   i.   The "Num lock" is not turned on. (for notebook type keyboard)
   ii.   The numeric (number) keys on the number pad are not accepted by KVM, only the main number keys.

5. **Can I disable the KVM password ?**
   Yes, for Matrix KVM, Cat6 KVM & Combo DB-15 KVM, user can disable/ enable the KVM password by hotkey.
   No, for PS/2 KVM, user can't disable the KVM password.

6. **What do I do if I forget the password?**
   If the user change the default password and lose the password, please contact the supplier for further support.

7. **How many levels of KVM cascade are supported?**
   8 levels are supported.

8. **Can I cascade the different types KVM switches together ?**
   No, only same type KVM can cascade together. (e.g. PS/2 to PS/2, USB to USB,..)

9. **Why am I getting ghosting images or shadowing?**
   i.   Check that all video cables are inserted properly.
   ii.   Check whether the KVM supports the resolution and refresh rate on your servers.
   iii.   Check whether the graphics card you are using supports the resolution and refresh rate on your server or not.
   iv.   Connect the monitor directly into the servers you are having trouble with to see if problem still appears.

FAQ

10. The server VGA resolution does not match the resolution of monitor ?

The KVM supports DDC function which will dynamically detect and the DDC data.

The problem may come from the power on sequence.

- For KVM switch

  The recommended power on sequence is - monitor, KVM switch and then servers.

- For remote console box

  It supports DDC function but does not support hot-plug, the recommend power on sequence is – monitor, remote console box and then servers.

PS/2 KVM

Can I connect to Suns (USB type) and/or Macs system to PS/2 KVM switches ?

Yes. Use PS/2 to USB converter (LCD-A1001) to convert the keyboard & mouse of PS/2 KVM cable (LCD-A1004) to USB interface. The LCD-A1001 includes the built-in mapping of all the Suns & Macs system hotkey.

Combo KVM

Can the Combo KVM support the keyboard or monitor with a USB hub built-in ?

The Combo KVM switch is only capable of passing Keyboard, Mouse and Video signals. As a result, other USB devices with a USB hub will not work.

Can I use the touchscreen with KVM switches ?

No, the KVM switches do not support the touchscreen driver

Two console KVM

What is the resolution support on remote console ?

The remote console can support up to 1,000 feet at 1024 x 768, and up to 500 feet at 1600 x 1200.

Why am I getting ghosting images or shadowing on remote console ?

Press "Scroll lock + Scroll lock + A" on the keyboard connected to remote console box to force auto-adjusting the video signal to optimize.

Cat6 KVM

Can I use standard Cat6 cable for dongle ?

The dongle can support Cat5/5e/6 straight cable. To maximum performance and stability, we strongly recommend applying the Cat6 cable (LCD-A2011 /12 / 13 / 14 / 15 / 16) from us, we are designed and qualification tested using pre-made (factory made) Cat5e cable assemblies in fixed lengths.

Using this type of cable assembly will provide excellent link connections and data communication. As poorly made field cable assemblies can cause damage to the Cat5 KVMs & dongles and result in a poor or intermittent link. The warranties do not apply to damage resulting from user-supplied cable.