ALTUSEN™
Enterprise KVM Solutions by ATEN

KA9233 Combo Graphic Console Module Quick Start Guide

FC CE

1 Package Contents

The KA9233 package consists of:

1 Combo Graphic Console Module with Stacking Brackets
1 KVM Cable
1 Power Adapter
1 Rack Mount Kit
1 Firmware Upgrade Cable
1 User Manual
1 Quick Start Guide

2 System Requirements

Consoles
The following equipment must be used for each console:
 A VGA, SVGA, XGA or MultiSync monitor capable of displaying the highest resolution provided by any computer in the installation.
 Either a PS/2 or a USB keyboard and mouse.

Computers
The following equipment must be installed on or used for the local computer:
 An HDB-15 video port
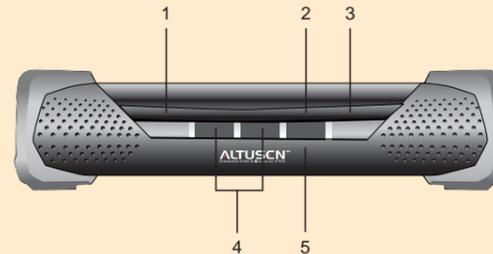 Either a PS/2 style (6 pin mini-DIN) mouse port and PS/2 style keyboard port; or one USB port

Cables
One or more of the following cables are required for use with the KA9233:
 Cat 5 cable
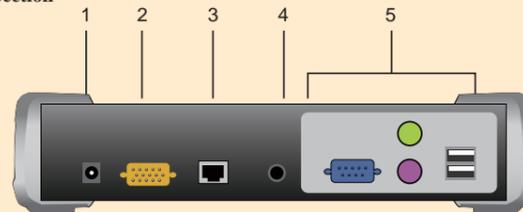 KVM Cable - 2L-5202P (PS/2) or 2L-5202U (USB)

3 KA9233 Front View

1. Link LED
2. Local LED
3. Remote LED
4. Video Gain Pushbuttons
5. Local/Remote Pushbutton

4 KA9233 Rear View

1. Power Jack
2. Local PC Port
3. Link Port
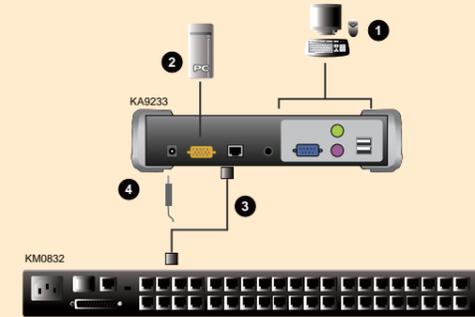4. Firmware Upgrade Port
5. Console Section

5 Installation Procedure

If you will be connecting a local computer, ensure it is powered off. Make sure that all devices you will be connecting up are properly grounded.

1. Connect your monitor and PS/2 or USB keyboard and mouse to the console ports on the KA9233. Each port is marked with an identifying icon.
2. (Optional) If you wish to connect a computer to the Local PC port use the provided KVM cable.
3. Use Cat 5 cable to connect the Link port on the KA9233 to a user port on the Matrix KVM Switch's rear panel.
   Note: Since the data signals are not transmitted in packets, the transmission cannot go through network hubs or switches. Passive components such as patch panels, keystone jacks, patch cables, etc. can be used to channel the traffic, instead.
4. Connect the power adapter to an AC mains power source appropriate for your model; then, connect the power adapter cable to the KA9233. You should hear a long beep, and the LED lights on the front panel should illuminate.
5. If you connected a computer to the local PC port, you may turn it on now.

6 Installation Diagram

7 Operation

For your convenience the Graphical OSD is provided to access the attached computers and perform a multitude of administrative tasks with no software to install.

The intuitive menus and icons in the Graphical OSD enable users to change account passwords and configure their personal profiles. Administrators also can quickly and efficiently manage users, groups, stations, and ports; configure network settings; upgrade firmware; and skip and scan the ports.

1. After powering on the KA9233, the Login screen appears.
   Note: If the Login screen is not displayed, press the Local/Remote button on the front panel of the KA9233.
2. Enter your username and password, and then click Login. After successfully logging in, the Graphical OSD main screen appears.
3. From the Port Status Screen, double-click on a port ID or port note to access an attached computer.
4. Press the OSD Hotkey (Scroll Lock + Scroll Lock or Ctrl + Ctrl) twice to return to the Graphical OSD.

8 Specifications

Function			KA9233
Computer Connections			1
Console Connections			1
Port Selection			OSD, Hotkey
Connectors	Console Port	Keyboard	1 x USB Type A Female (White) / 1 x 6-pin Mini-DIN Female (Purple)
		Video	1 x HDB-15 Female (Blue)
		Mouse	1 x USB Type A Female (White) / 1 x 6-pin Mini-DIN Female (Green)
	KVM Port		1 x SPHD-15 Female (Yellow)
	Link		1 x RJ-45 Female
	F/W Upgrade		1 x 4-conductor 3.5mm Jack
	Power		1 x DC Jack
Switches	Local/Remote		1 x Pushbutton
	Video Gain Adjustment		2 x Pushbutton
LEDs	Link		1 (Green)
	Local		1 (Orange)
	Remote		1 (Orange)
Emulation	Keyboard/Mouse		PS/2; USB (PC, Sun, Mac)
Video			1024 x 768 @ 60Hz (300m Max.)
Scan Interval			1-240 Seconds
Power Consumption			DC 5.3V, 6W
Environment	Operating Temp.		0-50°C
	Storage Temp.		-20-60°C
	Humidity		0-80% RH, Non-condensing
Physical Properties	Housing		Metal
	Weight		1.20 kg
	Dimensions (L x W x H)		16.60 x 21.50 x 4.50 cm

* All specifications are subject to change without notice.