# ALTUSEN™ KL1508/KL1516

# 8/16-Port Cat 5 High-Density Dual Rail LCD KVM Switch

ALTUSEN KL1508 / KL1516 LCD KVM Switch features independently retractable, dual slide 17" or 19" LCD monitor and keyboard with built-in touchpad. A single KL1508 / KL1516 can control up to 16 computers. For increased reliability and efficiency, RJ-45 connectors and Cat 5 cable are used to link to the computers. Utilizing KVM Adapter Cables for the final linkup, the KL1508 / KL1516 permits any combination of PCs, Macs, Sun computers, and serial devices to coexist on the installation.

## 17" or 19" LCD Option
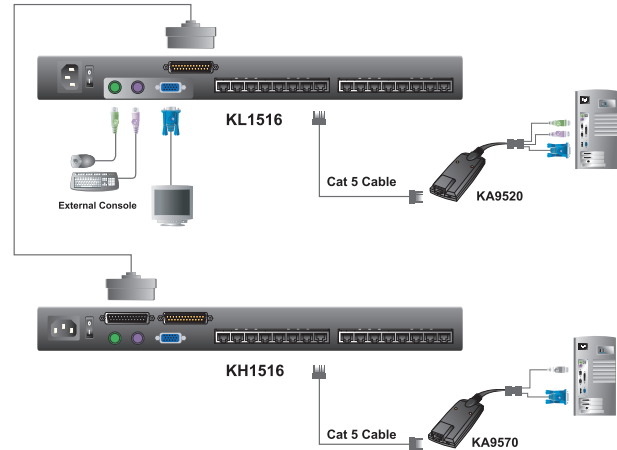• Super A-Grade TFT LCD Panel
• Zero Dead Pixel Guarantee*

Distance Extension – Up to **40** m via Cat 5 connection

Multiplatform Support – KVM adapter cables allow flexible interface combinations

| | | | |
|---|---|---|---|
| Shared Access | 2nd Console | Computers | OS Support |
| 2 Local Users | PS/2 | PS/2, USB, Sun, Serial | Win, Mac, Linux, Unix, Sun, FreeBSD |
| Expansion | LCD Monitor | External Mouse | |
| Daisy Chain | 17" / 19" | PS/2 | |

## Diagram



KL1516

Cat 5 Cable    KA9520

External Console

KH1516

Cat 5 Cable    KA9570

## KVM Adapter Cables

KL1508/KL1516 provide a modular approach to server management.

| | |
|---|---|
| Connect to devices with PS/2 ports | KA9520 |
| Connect to devices with USB ports | KA9570 |
| Connect to Sun Legacy systems (with 13W3 port) | KA9130 |
| Connect to Sun USB systems | KA9131 |
| Connect to Serial based devices | KA9140 |

## Features

• Integrated KVM console with 17" or 19" LCD monitor in a Dual Rail housing
• A single console controls up to 8 (KL1508) or 16 (KL1516) computers
• KVM adapter cables* designed with automatic conversion to allow flexible interface combinations (PS/2, USB, Sun and serial) to control all computer types
• Multiplatform support: PC, Mac, Sun and Serial
• Extends the distance between computers and switch—up to 40 m (130') for resolutions of 1280 x 1024 @ 75Hz
• OSD tree structure makes finding and managing computers easy
• Conveniently located station and port selectors with 7-segment LED displays to quickly switch to target computers
• Dual Rail housing is slightly less than 1U with top and bottom clearance for smooth operation in 1U of rack space
• Extra console port—manage computers in the LCD KVM switch from an external console (monitor, PS/2 keyboard, and PS/2 mouse)
• Supports external PS/2 mouse
• Dual Rail—LCD monitor slides independently of the keyboard/touchpad
• Console lock—enables the console drawer to remain securely locked away in position when not in use
• Dedicated Hotkey Mode and OSD Invocation Keys reduce the number of keystrokes and provide quick access to these functions
• Daisy chain up to 31 additional KVM switches to control up to 512 computers
• Auto Scan Mode enables continuous monitoring of user-selected computers
• Two level password security—only authorized users view and control the computers—up to four Users plus an Administrator with separate profiles for each
• PS/2, USB, and Serial keyboard and mouse emulation—computers boot even when the console focus is elsewhere
• Firmware upgradable

| Rack Mount Kit | Depth (cm) |
|---|---|
| 2X-010G (Long) (Optional) | 68 – 105 |
| Short (Standard) | 42 – 77 |

| Easy Installation Rack Mount Kit | Depth (cm) |
|---|---|
| 2X-012G (Long) (Optional) | 17" LCD: 68 – 105<br>19" LCD: 74 – 105 |
| 2X-011G (Short) (Optional) | 17" LCD: 57 – 70<br>19" LCD: 63 – 70 |

## Specifications

| Function | | | KL1508 | KL1516 |
|---|---|---|---|---|
| Computer Connections | Direct | | 8 | 16 |
| | Max. | | 256 (via Daisy Chain) | 512 (via Daisy Chain) |
| Port Selection | | | OSD, Hotkey, Pushbutton | |
| Connectors | External Console Ports | Keyboard | 1 x 6-pin Mini-DIN Female (Purple) | |
| | | Video | 1 x HDB-15 Female (Blue) | |
| | | Mouse | 1 x 6-pin Mini-DIN Female (Green) | |
| | KVM Ports | | 8 x RJ-45 Female (Black) | 16 x RJ-45 Female (Black) |
| | Daisy Chain Ports | | 1 x DB-25 Male (Black) | |
| | F/W Upgrade | | 1 x RJ-11 Female (Black) | |
| | Power | | 1 x 3-prong AC Socket | |
| | External Mouse | | 1 x 6-pin Mini-DIN Female (Green) | |
| Switches | Reset | | 1 x Semi-recessed Pushbutton | |
| | Port Selection | | 2 x Pushbutton (Station);2 x Pushbutton (Port) | |
| | Power | | 1 x Rocker | |
| | F/W Upgrade | | 1 x Slide | |
| | LCD Power | | 1 x Pushbutton | |
| | LCM Adjustment | | 4 x Pushbutton | |
| LEDs | On Line | | 8 (Green) | 16 (Green) |
| | Selected | Station ID | 2 x 7-segment (Orange) | |
| | | Port ID | 2 x 7-segment (Orange) | |
| | Power | | 1 (Blue) | |
| | Lock | | 1 x Num Lock (Green) | |
| | | | 1 x Caps Lock (Green) | |
| | | | 1 x Scroll Lock (Green) | |
| | LCD Power | | 1 (Orange) | |
| Emulation | Keyboard/Mouse | | PS/2 ; USB(PC, Mac, Sun) ; Serial | |
| Video | 17" LCD | | 1280 x 1024@75Hz | |
| | 19" LCD | | 1280 x 1024@75Hz | |
| Scan Interval | | | 1–255 Seconds | |
| I/P Rating | | | 100–240V AC; 50/60 Hz; 1A | |
| Power Consumption | 17" LCD | | 120V/ 28W; 230V/ 28W | |
| | 19" LCD | | 120V/ 30W; 230V/ 30W | |
| Environment | Operating Temp. | | 0–40°C | |
| | Storage Temp. | | -20–60°C | |
| | Humidity | | 0–80% RH, Non-condensing | |
| Physical Properties | Housing | | Metal | |
| | Weight | 17" LCD | 17.30 kg | |
| | | 19" LCD | 18.50 kg | |
| | Dimensions (L x W x H) | 17" LCD | 70.90 x 48.20 x 4.40 cm (19"/1U) | |
| | | 19" LCD | 76.00 x 48.20 x 4.40 cm (19"/1U) | |

* The specifications and pictures are subject to change Without notice.
* Please refer to www.aten.com for more details.

www.aten.com

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