

GCL1816KIT

## 16-Port LCD Combo KVM Switch with Cables



IOGEAR's GCL1816KIT is an integrated LCD console and 16 port KVM (keyboard, video, and mouse) switch with bundled KVM cables that offers secure access to 16 VGA, USB or PS/2 computers. It features a convenient rack mountable sliding / retractable 17" TFT LCD active matrix monitor and keyboard with built-in touchpad for a space-saving and streamlined integration. For added convenience it also supports an external USB mouse. An extra USB / PS/2 console port is provided on the rear panel to manage the LCD KVM switch from an external console (monitor, keyboard, and mouse). All this in a universal 1U rack mount space.

The GCL1816KIT supports both PS/2 and USB keyboards and mice for the connected computers, and the GCL1816KIT supports USB\*\* peripheral devices to be used for system upgrades with the attached computers. A single GCL1816KIT can control up to 16 computers. As many as 16 additional compatible KVM switches can be cascaded to reach up to 256 computers\* controlled from a single keyboard, monitor, and mouse console with easy computer switching via front LED pushbuttons, OSD, and hotkeys.

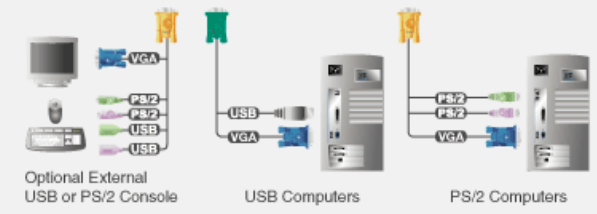
- Integrated 16-port KVM console featuring a 17" TFT LCD active matrix monitor, keyboard and touchpad
- 1280 x 1024 resolution on 17" rack mount LCD provides a sharp video display
- Equipped with 8 USB & 8 PS/2 KVM Cables
- Adjustable depth to fit different sizes of racks
- Multi platform OS support - Windows®, Mac, Sun Solaris™ , and Linux®
- Easy to operate - computer selection via front panel pushbutton LED's, intuitive OSD (on screen display), and hotkeys
- External USB mouse port for convenience
- External USB or PS/2 with VGA Console port
- USB media port support for attached USB computers (system upgrades, etc)\*\*
- Cascade up to 2 levels - control up to 256 computers from a single console\*
- Security - 2 level password protection for OSD
- DDC Emulation - Video settings of each computer are automatically adjusted for optimal output to the monitor
- Rack mountable in a 19" (1U) system rack
- Custom ASIC provides an auto-sensing function that recognizes the position of each station on the installation
- Fully Supports DDC2B

\*Cascade with IOGEAR 8/16-Port VGA Combo KVM Switch (Model No. GCS1808 and GCS1716)

\*\*Only systems connected with the USB KVM cables will be able to access the front USB port for system upgrades and shared peripherals



**How does it work?**



**Requirements**

**Package Contents**

Computers:

- VGA, SVGA, or MultiSync video graphics card with an HDB-15 port
- PS/2 mouse and keyboard ports (6-pin mini DIN) or 1 USB port

- 1 x 16-Port LCD Combo KVM Switch
- 4 x PS/2 KVM Cable (6ft - G2L5202P)
- 4 x PS/2 KVM Cable (10ft - G2L5203P)
- 4 x USB KVM Cable (6ft - G2L5202U)
- 4 x USB KVM Cable (10ft - G2L5203U)
- 1 x Console Cable
- 1 x Cascade Cable
- 1 x Firmware Upgrade Cable
- 1 x Grounding Wire
- 1 x Power Cord
- 1 x Installation Guide
- 1 x Warranty Card

## Specifications

| Function                     | GCL1816KIT                         |
|------------------------------|------------------------------------|
| <b>Computer Connections</b>  |                                    |
| Direct                       | 16                                 |
| Daisy Chain or Cascading     | 256                                |
| <b>Port Selection</b>        |                                    |
| OSD, Hotkeys, Pushbuttons    |                                    |
| <b>Connectors</b>            |                                    |
| Console                      | 1 x HDB-15 Female                  |
| Power                        | 1 x 3-Prong AC Socket              |
| <b>Console Connectors</b>    |                                    |
| Monitor                      | 1 x HDB-15 Female                  |
| Keyboard                     | PS/2 or USB                        |
| Mouse                        | PS/2 or USB                        |
| Extra Mouse                  | 1 x USB Type A Female              |
| Flash ROM Upgrade            | 1 x RJ-11 Female                   |
| <b>CPU Connectors</b>        |                                    |
| Keyboard, Mouse, and Monitor | 16 x SPHD-15 Female                |
| <b>Switches</b>              |                                    |
| Reset                        | 1 x Semi-recessed Pushbutton       |
| Power                        | 1 x Rocker Switch                  |
| F/W Upgrade                  | 1 x Switch                         |
| LCD Adjustment               | 4 x Pushbutton                     |
| LCD Power                    | 1 x LED Pushbutton (Orange)        |
| Port Selection               | 4 x Pushbutton                     |
| <b>LEDs</b>                  |                                    |
| On Line                      | 16 (Orange)                        |
| Port ID                      | 4 x 7 Segment LED Display (Yellow) |
| Power On                     | Dark Green                         |
| <b>Emulation</b>             |                                    |
| Keyboard                     | PS/2, USB                          |
| Mouse                        | PS/2, USB                          |
| <b>Video Resolution</b>      |                                    |
| 1280 x 1024 @ 75Hz; DDC2B    |                                    |
| <b>Scan Interval</b>         |                                    |
| 1-255 Seconds                |                                    |
| <b>Power Input Rating</b>    |                                    |
| Per AC Power Inlet, 50/60Hz  | 100~240VAC. 50/60Hz, 1A            |
| <b>Power Consumption</b>     |                                    |
| 120V, 28W                    |                                    |
| <b>Environment</b>           |                                    |
| Operation Temperature        | 0~40°C                             |
| Storage Temperature          | -20~60°C                           |
| Humidity                     | 0~80% RH; Non-condensing           |
| <b>Housing</b>               |                                    |
| Case                         | Metal and Plastic                  |

| Dimensions                     | GCL1816KIT |
|--------------------------------|------------|
| <b>Unit Dimensions</b>         |            |
| Width                          | 19in.      |
| Height                         | 1.75in.    |
| Depth                          | 25in.      |
| <b>Unit Package Dimensions</b> |            |
| Width                          | 30.25in.   |
| Height                         | 6.5in.     |
| Depth                          | 37.25in.   |
| <b>Weight</b>                  |            |
| Unit Pack Wt.                  | 55.56lb    |
| Unit Wt. w/accessories         | 41.52lb    |
| Unit Wt.                       | 29.03lb    |