



StarTech RKCONS1916K 16-Port VGA Rackmount LCD Console User Guide

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Product diagram

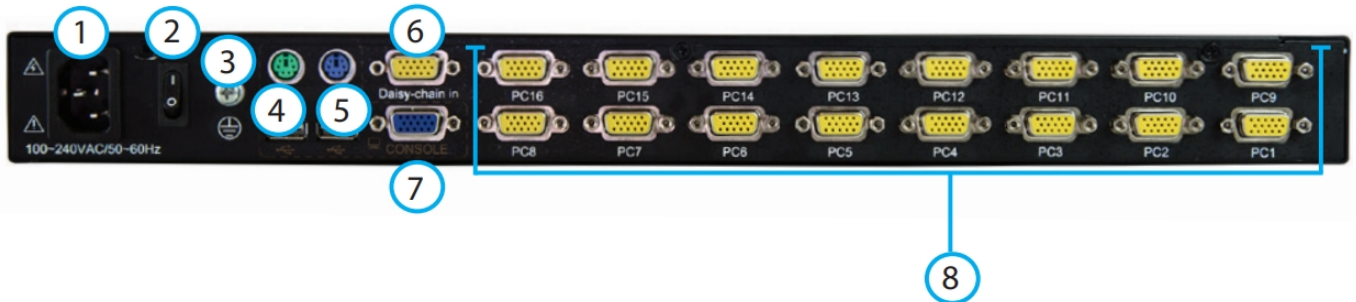
Front view



- 1. Handle
- 2. Release switch
- 3. Display
- 4. Display menu buttons
- 5. Current port
- 6. Port selection buttons and LEDs
- 7. Keyboard LEDs

8. Keyboard
9. Trackpad
10. Rail
11. Mounting bracket (pre installed)

Back view



1. Power connection port
2. Power switch
3. Ground connection screw
4. Console mouse port
5. Console keyboard port
6. Daisy chain port (not supported)
7. Console monitor port
8. Host ports

Package contents

- 1 x LCD rack console
- 4 x mounting rails
- 16 x KVM cables
- 8 x M5 cage nuts
- 8 x M5 screws
- 5 x regional power cords (NA, JP, UK, EU, ANZ)
- 1 x quick-start guide

Requirements

- 1U of rack space
- Grounding wire
- Power source
- Up to 16 computers or servers
- Phillips type screwdriver

Requirements are subject to change. For the latest requirements, please visit www.StarTech.com/RKCONS1916K.

Installation

- **Caution!** Double pole / neutral fuse. Disconnect mains before servicing.
- Always ground the unit before connecting/disconnecting the **Power Cord**.

Install the console

Tip! It's easier to install the console if another person helps you with the installation.

Warning: Use caution and proper lifting techniques when installing the LCD rack console.

1. Based on the mounting depth in the server rack that you are using, select the appropriate length of mounting rails.
2. Decide where in the server rack you want to install the LCD rack console.
3. Insert the M5 cage nuts (two per mounting post) into the square mounting holes on the mounting posts.
4. Align the rear mounting brackets (rails) with the M5 cage nuts on the corresponding mounting post.
5. Insert a M5 screw (two per mounting post) through the rear mounting bracket (rail) and into the M5 cage nut.
Do not tighten the M5 screws.
6. With assistance, slide the LCD rack console into the server rack guiding the rear mounting bracket (rails) into the rail assembly.
7. Insert a M5 screw (two per mounting post) through the front mounting bracket (rail) into the M5 cage nut.
8. Use a Phillips screwdriver to tighten the M5 screws.
9. Ensure that the rear rails are properly aligned.
10. Use a Phillips screwdriver to tighten the M5 screws.

Grounding the LCD Console

Notes: Grounding wires are typically green or green with a yellow stripe, and should be at least 18 AWG. Grounding is recommended in all environments and essential in environments with high levels of electromagnetic interference (EMI), or frequent electrical surges

1. Using a Phillips Head Screwdriver, loosen the Grounding Connection Screw.
2. Attach the Grounding Wire to the shaft of the Grounding Connection Screw.
3. Tighten the Grounding Connection Screw, making sure not to over-tighten.
4. Attach the other end of the Grounding Wire (not connected to the LCD Rackmount Console) to a proper earth-ground connection.

Connect the console

Important Considerations

1. If you're installing the device in a closed or multi-unit rack assembly, ensure that the environmental conditions are within the unit's maximum and minimum specifications.
2. Installing this unit in a rack or cabinet may reduce airflow. Consider your airflow requirement when selecting a location for installation.

3. The device should be installed with an even mechanical load.
4. It's recommended that the device be connected to a power source with overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings should be used when addressing this concern.
5. The device should be grounded appropriately.
 1. Connect a grounding wire to the Ground connection screw on the console and to the ground.
 2. Connect one of the KVM cables to a computer or server and to one of the host ports on the console. You can connect up to 8 computers or servers.
 3. Connect the appropriate power cord for your region to the Power connection port on the console and to a power source.
 4. Use the Power switch to turn on the console.
 5. Open the console. For more information about how to do this, see the "Open the console" topic.
Note: The console makes two beeping sounds and the LED flashes three times when you turn on the console.
 6. Turn on the connected computer or servers.
 7. On the login screen on the console, do one of the following:
 - If you're using the console for the first time or you haven't set a user name and password, leave the text fields blank and press Enter.
 - If you have set a user name and password, enter the information in the corresponding text fields and press Enter
 8. To connect an optional monitor, keyboard, or mouse, connect the peripherals to the corresponding ports on the console.

Safety Measures

- Wiring terminations should not be made with the product and/or electric lines under power.
- Product installation and/or mounting should be completed by a certified professional.
- Please note that the included power cables are for use with this product only and cannot be used with other electrical devices.

Disconnect the Console

1. Power off the connected Computer, Server or KVM.
2. Close the LCD Rackmount Console. For more information about how to do this, see the "Close the console" section.
3. Use the Power Switch to turn off the LCD Rackmount Console.
4. Disconnect the Power Cord from the Power Connection Port on the LCD Rackmount Console.
Note: Always disconnect the Power Cord before disconnecting the Grounding Wire.
5. Disconnect the KVM Cable connected to a Computer, Server or KVM.
6. (Optional) Disconnect the Grounding Wire connected to the Ground Connection Screw on the LCD Rackmount Console.

Operation

Open the console

1. Move the Release switch to the unlocked position.
2. Use the Handle to pull the console out towards you until you hear the console click into place.
3. Pull the Display up and position it at the desired angle.

Select ports

To quickly select a port, press the Port selection button that corresponds to the port that you want to select.

Close the console

1. Lower the Display until it's flush against the Keyboard.
2. Slide the switches located on the sides of the console forward and push the console in towards the rear of the rack.
3. Release the switches and continue pushing the console the rest of the way into the rack.

FCC Compliance Statement

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. 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:

- Reorient 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.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by [StarTech.com](https://www.startech.com) could void the user's authority to operate the equipment.

Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003.

CAN ICES-3 (B)/NMB-3(B)

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device

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Warranty Information

This product is backed by a two-year warranty. StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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Support

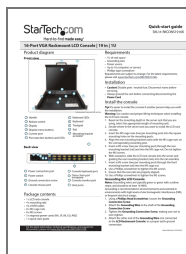
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For manuals, FAQs, videos, drivers, downloads, technical drawings, and more, visit www.startech.com/support

Documents / Resources



[StarTech RKCONS1916K 16-Port VGA Rackmount LCD Console](#) [pdf] User Guide
RKCONS1916K, 16-Port VGA Rackmount LCD Console, RKCONS1916K 16-Port VGA Rackmount LCD Console

References

- [StarTech.com | IT Pro's Trusted Source for Connectivity Accessories](#)
- [Unsere Produkte dienen IT- und A/V-Profis zum Verbinden, Konvertieren, Erweitern, Splitten und Switchen | Deutschland](#)
- [StarTech.com diseña y fabrica una variada gama de componentes para ordenadores, cables, conmutadores KVM, racks para... | España](#)
- [StarTech.com conçoit et fabrique une vaste sélection de pièces d'ordinateur, de câbles, de commutateur KVM, de racks... | France](#)
- [Pezzi per computer, cavi, switch KVM, server rack e soluzioni per reti | Italia](#)
- [IT & A / V](#)
- [StarTech.com ontwerpt en produceert een enorme selectie computeronderdelen, kabels, KVM-switches, serverracks en... | Nederland](#)
- [16 Port Rackmount KVM Console w/19in LCD - KVM Consoles - Rackmount | StarTech.com](#)
- [StarTech.com Support](#)