



RackAccess

Installation guide



Specifications

Part Numbers

3115-00P-xx	RackAccess kvm console with 15" TFT Display
3117-00P-xx	RackAccess kvm console with 17" TFT Display
3119-00P-xx	RackAccess kvm console with 19" TFT Display
	xx represents country specific keyboard layouts

Physical Properties

	Height	Width	Depth	Weight
RackAccess 15" TFT Display	4.32cm / 1.7"	48.26cm / 19"	51.51cm / 20.28"	13kg / 28.6lb
RackAccess 17" TFT Display	4.32cm / 1.7"	48.26cm / 19"	56.59cm / 22.28"	15kg / 33.0lb
RackAccess 19" TFT Display	4.32cm / 1.7"	48.26cm / 19"	56.59cm / 22.28"	15kg / 33.0lb

Operation and Storage parameters

	15" TFT Display	17" TFT Display	19" TFT Display
Operating Temperature:	0 ~ 40° C 32 ~104° F	0 ~ 40° C 32 ~104° F	0 ~ 40° C 32 ~104° F
Humidity:	10~85% RH non-condensing	10~85% RH non-condensing	10~85% RH non-condensing
Storage Temperature:	-20 ~ 60° C - 4 ~140° F	-20 ~ 60° C - 4 ~140° F	-20 ~ 60° C - 4 ~140° F
Humidity:	10~95% RH non-condensing	10~95% RH non-condensing	10~95% RH non-condensing

Connections

PC:	HD 15, PS/2 Keyboard, PS/2 Mouse
Power	IEC Female connector

Monitor

	15" TFT Display	17" TFT Display	19" TFT Display
Display Area:	30.4 x 22.8 cm 12 x 9"	33.7 x 27.0 cm 13.7 x 10.64"	37.6 x 30.10 cm 14.8 x 11.8"
Scan frequency horizontal:	31.47K to 68KHz	31.47K to 68KHz	31.47K to 68KHz
Scan frequency vertical:	60Hz to 85Hz	60Hz to 75Hz	60Hz to 75Hz
Viewing Angle:	160° Horizontal, 160° Vertical	140° Horizontal, 110° Vertical	140° Horizontal, 135° Vertical
Pixels:	1024 x 768	1280 x 1024	1280 x 1024
Pixel pitch:	0.297 x 0.297 mm	0.264 x 0.264 mm	0.294 x 0.294 mm
Picture tube:	15" TFT Active Matrix	17" TFT Active Matrix	19" TFT Active Matrix
Video:	Analog RGB 7Vp-p/75Ω	Analog RGB 0.7 Vp-p/75Ω	Analog RGB 0.7 Vp-p/75Ω
Sync:	Separate	Separate	Separate
Display Data Channel Compatibility	DDC 2B	DDC 2B	DDC 2B

Keyboard

Keys	88 key keyboard & 17 key numeric keypad
Travel	3mm / 0.11"
Typing force	60g ± 20g / 2.11oz ± 0.70oz
Life cycle	10 million key presses

Touchpad

Compatibility	Industrial standard
Mouse button	Two key buttons
Life cycle	>1 million cycles

Operations

User Controls:	On/Off Power Button Contrast, Brightness, Display Quality, OSD adjustment
On Screen Display Adjustment	Auto-Adjustment Contrast, Balance Phase, Pixel clock TXT/GFX Selection Colour temperature & brightness
Control type	Digital

Power

Input	110-240 VAC (auto sensing) 48-62Hz
Consumption	35 Watts maximum (On) on 15" RackAccess 45 Watts maximum (On) on 17" RackAccess 50 Watts maximum (On) on 19" RackAccess 1 Watt Power Saving Mode (Off)

Agency Approvals

EMI	FCC-A and CE
Emissions	MRP-II
Energy Saving	EPA energy star, VESA DPMS

NOTE: This equipment complies with the requirements of European EMC directive 89/336 EEC in respect of EN55022 Class B, EN 50082-1 and EN 60555-2.

This equipment has been found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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Revision 1.5



RackAccess

Introduction

The RackAccess is compact 1U high rack mountable TFT Screen, keyboard and mouse. With screens available in 3 sizes 15", 17" and 19"

Product Features

- Operating system independent, transparent to all applications.
- Plug and play system configuration.
- LCD panel size: 15", 17" or 19" depending on model.
- Keyboard layouts in English UK and US, German, French, Spanish, Swiss, Dutch, Danish, Russian, Swedish and Norwegian
- High VGA resolution 1024x768 on the 15" model, 1280x1024 on the 17" and 19" models.
- 88key keyboard + 17key numeric keypad
- Standard 19" Rack mounting accessories

High Video Quality


The RackAccess built in TFT LCD monitor supports resolution up to 1024x768 (15") or 1280x1024 (17" & 19"), with a colour depth to 16M (dithering). With automatic adjustment to easily configure your LCD setting for optimum video quality.

LCD monitor's OSD operation

Control Functions

The Monitor control functions are located right to the screen.

The control key description

- | | | |
|----|---|---|
| 1. | MENU | Activate the on screen display function |
| 2. | + & — | Increase / Decrease - Contrast control |
| 3. | ▲ & ▼ | Up / Down – Menu Access |
| 4. |  | Power Switch |

Description

1. Menu

Press the Menu button to activate the on screen display screen. It is a toggle key, switching the OSD on and off. Press twice to turn off the OSD. The OSD screen will automatically turn off after 10 seconds idle time.

2. + & — Select keys / Brightness Control keys

The two keys have two sets of functions:

- When OSD screen is not activated, the two keys are used to adjust the brightness
- When OSD screen is activated, the two keys are used to select the required adjustment items

3. Power switch

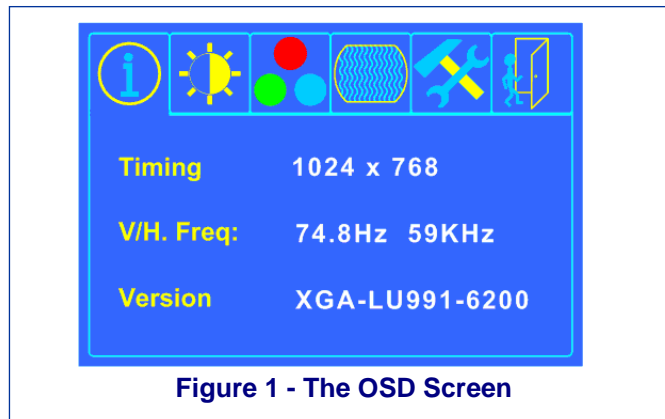
Use the power switch to turn ON or OFF power. We recommend turning your system on first, then the LCD monitor.

Adjusting the Monitor

The LCD monitor is designed to work with a range of compatible video adapters on the market. Due to all the possible variations between these video adapters, you may need to adjust the settings for your video card.

Adjustment Procedure

First, you must activate the OSD screen through pressing the MENU key, the OSD menu will show in the centre of screen as below



Pressing the OSD Menu button causes the OSD menu screen to appear.

- Use the **+** & **-** keys to select desired group of options.
- Use **▼** key for sub menus or select item to change.
- Use the **+** & **-** keys to change the value.
- Use **▲** to go back one level

Press the Menu button to exit the OSD



Display current timing information



Brightness and Contrast Adjustment



Adjusts the Brightness value



Adjusts the Contrast value
(Valid only when your colour temperature is set to user mode)



Return to the previous Menu



Colour Temperature Adjustment



Enables or disables the sRGB values




User Mode: Changes the RGB colour values





Execute the white balance function



Change Red gain for the colour temperature


 Change Green gain for the colour temperature

 Change Blue gain for the colour temperature


 Return to the previous Menu


 6500K Sets the colour temperature to 6500K


 9300K Sets the colour temperature to 9300K


 Return to the previous Menu


 **Display Quality Adjustment**


 AUTO Auto Adjust - use this option to apply setting automatically

 Changes the viewable screen size

 Adjusts phase tracking to reduce screen flicker

 Moves the whole screen left or right


 Moves the whole screen up or down

 Return to the previous Menu


 **OSD Adjustment**


 Restores settings to factory default values

 OSD parameter setting

 Sets the OSD timer

 Moves the OSD menu horizontally

 Moves the OSD menu vertically

 Return to the previous Menu



Set the graphic mode or text mode



Enable 720x400 text mode



Enable 640x400 graphic mode



Return to the previous Menu



Exit the OSD screen

Notes:



When the monitor is ON and there is no video signal received, the following message will be displayed

Out of Range

When the frequency range of the signal is out of the Monitor's specifications, (over 85Hz) the will be displayed

Auto-Adjustment

We recommend that you use the Auto-Adjustment to get optimized video quality. Use the + & - key to select auto-adjustment, then press ▼ key to get optimized quality.

Service Information

Technical Support

If you cannot determine the nature of a problem, please call Daxten and ask for Technical Support. If possible, call from a phone located near the unit, as we may be able to solve your problem directly over the phone. If we cannot solve your problem, and determine that the fault is in the unit, we will issue a Return Material Authorisation (RMA) number that must appear on the outside of all returned products. The unit should be double-packed in the original container, insured, and shipped to the address given to you by our Technical Support representative. The Technical Support offices are found on the back of this manual.

Limited Warranty

Daxten warrants to the end user that this product is and will be free from defects in materials and workmanship for a period of 24 months from the date of purchase. If during the warranty period the product should fail, the purchaser must promptly call Daxten for a RETURN MATERIALS AUTHORIZATION (RMA) number. Make sure that the RMA number appears on the packing slip, proof of purchase, AND ON THE OUTSIDE OF EACH SHIPPING CARTON. Unauthorized returns or collect shipments will be refused.

Ship prepaid to the Daxten office (see back page) where you purchased your product. The above limited warranty is voided by occurrence of any of the following events, upon which the product is provided as is, with all faults, and with all disclaimers of warranty identified below:

1. If non-Daxten approved power supply or cabling is attached to the product.
2. If defect or malfunction was caused by abuse, mishandling, unauthorized repair, or use other than intended.
3. If unauthorized modifications were made to product.
4. If unreported damages occurred in any shipment of the product.
5. If damages were due to or caused by equipment or software not provided by Daxten.
6. If the product is used with non-grounded or incorrectly polarized AC power.
7. If the product is used in contradiction to any instruction provided by any User Guide or Instruction Sheet provided to you or with the product.

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Waste Electrical and Electronic Equipment (WEEE)



Within the European this symbol indicates that this product should not be disposed in household waste. It should be deposited at an appropriate facility to enable recovery and recycling. For information on how to recycle this product, please check with the reseller of the product that replaces this product "Take Back" or the original seller of this product.





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