■   NS SUN-compatible keyboard incorporates SUN short-cut keys.
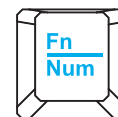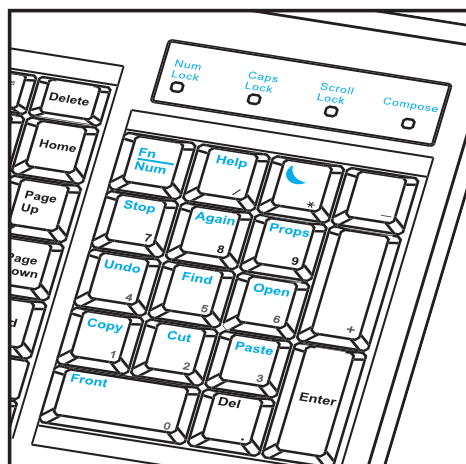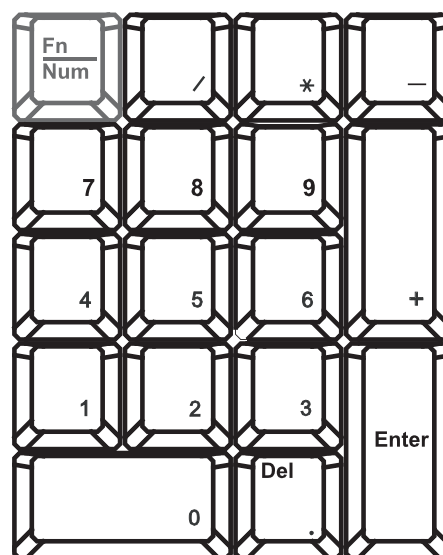

■   Press the Fn/Num button to switch the color the Num LED.
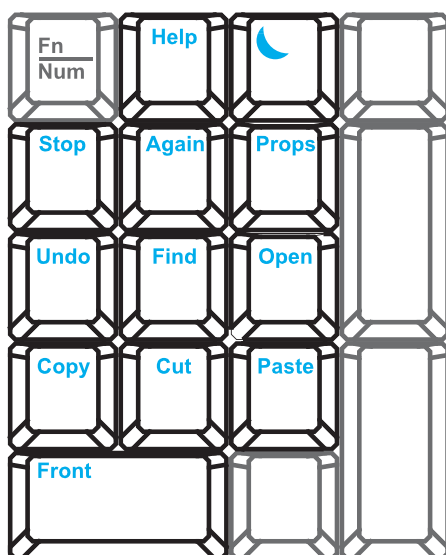
Num LED in Off mode
Key pad behaves as a SUN Solaris system
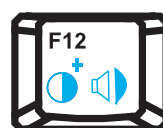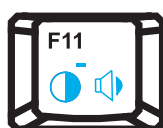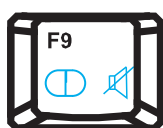administration command mode

Num LED in Green color
Key pad behaves as a normal key pad mode

Three Audio / Display keys are located in the upper-right corner of the NS keyboard:

■   Audio : Mute, decrease in volume and increase in volume.

■   Display : Degauss, decrease contrast and increase contrast.

■   Please ask your supplier for full details

4.1 KVM Options

Chapter 4

Our KVM is designed to seamlessly integrate into the rear of our full range of LCD drawer solutions:

■ For KVM operation, please refer to KVM user manual
■ Option with Multiple consoles Matrix KVM
■ Option with high density & cost efficient Combo KVM integration with either 8 / 16 / 32 ports
■ Option with low cost PS/2 KVM
■ Please ask your supplier for full KVM details

Remarks
■ "S" series is for Matrix & Combo KVM only.

4.2 DVI-D Option

3-in-1
VGA KB mouse
Internal power version   DVI-D   console port

External power version

Remarks :
■ Package includes 1 x 6ft DVI-D cable
■ The depth of RKP-1415 / 1417 will be extended from 480mm (18.9 ") to 530mm (20.9")

4.3 BNC + S-Video Option

3-in-1
VGA KB mouse
Internal power version   S-Video   BNC   console port

External power version

Remarks :
■ Package includes 1 x 6ft S-Video cable

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Speaker

	Power	Audio	3-in-1 VGA KB mouse console port
Internal power version			
External power version			

Remarks
- Audio input is 35mm audio plug
- The speaker is sharing the same power with LCD.

4.5 DC Power Options
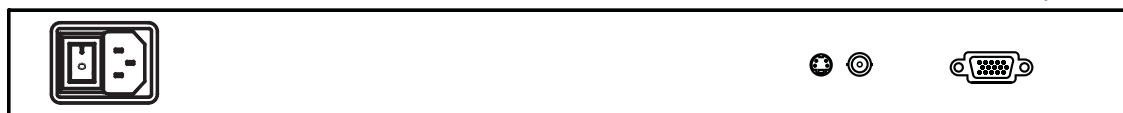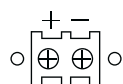
Model	12V	24V	48V
Input rating			
Input voltage:	12-Volt	24-Volt	48-Volt
Input range:	9 ~ 18V	18 ~ 36V	36 ~ 75V
Input current			
- No load	50 mA	50 mA	50 mA
- Full load	4950 mA	2450 mA	1220 mA
Output rating			
Output voltage:	12-Volt	12-Volt	12-Volt
Output current:	4.16A	4.16A	4.16A
Efficiency	84%	85%	85%

Remarks :
- Package does not include 1 x power cord and 1 x AC power adapter
- The depth of RKP-1415 / 1417 will be extended from 480mm (18.9") to 530mm (20.9")

4.6   Touchscreen Options **Chapter 4**

e-Resistive

Model	-15TRB / -15TRS	-17TRB / -17TRS	-19TRB / -19TRS
Screen size	15"	17"	19"
Interface	USB / serial		
Optical transmittance	80% ± 3%		
Surface hardness	≥3H (JIS K5400)		
Operating system	Windows 98 / 2000 / ME / XP / NT / CE, DOS, Linux		

e-Capacitive

Model	-15TCB / -15TCS	-17TCB / -17TCS	-19TCB / -19TCS
Screen size	15"	17"	19"
Interface	USB / serial		
Optical transmittance	93% ± 2%		
Surface hardness	>9H Surface hardness, withstand over 300 million touches		
Operating system	Windows 98 / 2000 / ME / XP / NT / CE, DOS, Linux		

Remarks

■   The height of RKP-117 / 119 / 1417 / 1419 will be increased from 1U to 1.5U

■   USB touchscreen package includes 1 x 6ft USB cable, quick reference guideline and CD disc

■   Serial touchscreen package includes 1 x 6ft serial cable, quick reference guideline and CD disc

■   For detailed information, please refer to the attached CD disc

■   As the touchscreen unit is not made of toughened glass, please handle it carefully

■   Touchscreen in other brands are available on request

5.1   Troubleshooting

1.   Is interference signal appeared on LCD normal when shutting down the computer ?

In rare cases, interference may appear on the monitor. This may be caused by signal rate of VGA card and is considered normal. The image quality can be improved by adjusting the phase or pixel rate automatically or manually.

2.   The membrane power light is not ON

Press the power On / Off on LCD membrane to check if the monitor is in the ON mode.
Check the power cord is properly connected to the LCD keyboard drawer and power outlet.

3.   Screen image is not centered or sized properly

Press the ⌒ button for two seconds to automatically adjust the image.
Adjust the H-position and V-position settings via On-screen menu.

4.   Is the LCD keyboard drawer hot-pluggable ?

The LCD keyboard drawer is hot-pluggable, but components of connected devices, such as the servers and KVMs, may not be hot-pluggable. We suggest turning off the power to all devices before connecting them. Apply power to connected devices again only after the LCD keyboard receives power.

For RKP series

1.   How do I adjust the resolution?

To change monitor resolution, click Start -> Control Panel -> Display. Select Setting tab to adjust the monitor resolution in Desktop Area. The available resolutions, "640 x 480", "800 x 600", "1024 x 768", "1152 x 864", "1280 x 1024", are determined by the display card in your computer.

For "S" series

1.   How can I adjust the monitor resolution to 1152 x 900 for SUN Micro system ?

The NS solution LCD keyboard drawer will automatically detect the 1152 x 900 resolution, so no user configuration should be necessary.

2.   How do I adjust the resolution in MS Windows operation system?

To change monitor resolution, click Start -> Control Panel -> Display. Select Setting tab to adjust the monitor resolution in Desktop Area. The available resolutions, "640 x 480", "800 x 600", "1024 x 768", "1152 x 864", "1280 x 1024", are determined by the display card in your computer.

3.   The Stop-A hot key is not work in Trusted Solaris

The keyboard combination Stop-A (L1-A) is not available in Trusted Solaris by default. The security administrator can change this.

4.   Is interference signal appeared on LCD normal when shutting down the computer ?

In rare cases, interference may appear on the monitor. This may be caused by signal rate of VGA card and is considered normal. The image quality can be improved by adjusting the phase or pixel rate automatically or manually.

Model	Product Dimension (W x D x H)	Packing Dimension (W x D x H)	Net Weight	Gross Weight
NA	442 x 650 x 44 mm 17.4 x 25.6 x 1.73"	589 x 856 x 168 mm 23.2 x 33.7 x 6.6"	15 kg 33 lb	21 kg 46 lb
RM-111-17 series	442 x 650 x 44 mm 17.4 x 25.6 x 1.73"	589 x 856 x 168 mm 23.2 x 33.7 x 6.6"	15 kg 33 lb	21 kg 46 lb
RM-111-19 series	442 x 650 x 44 mm 17.4 x 25.6 x 1.73"	589 x 856 x 168 mm 23.2 x 33.7 x 6.6"	17 kg 37 lb	23 kg 51 lb
SUN-117 series	442 x 650 x 44 mm 17.4 x 25.6 x 1.73"	589 x 856 x 168 mm 23.2 x 33.7 x 6.6"	16 kg 35 lb	22 kg 48 lb
SUN-119 series	442 x 650 x 44 mm 17.4 x 25.6 x 1.73"	589 x 856 x 168 mm 23.2 x 33.7 x 6.6"	17 kg 37 lb	23 kg 51 lb
NA	442 x 480 x 44 mm 17.4 x 18.9 x 1.73"	584 x 641 x 169 mm 23 x 25.2 x 6.7"	15 kg 33 lb	21 kg 46 lb
RM-112-17 series	442 x 480 x 44 mm 17.4 x 18.9 x 1.73"	584 x 641 x 169 mm 23 x 25.2 x 6.7"	16 kg 35 lb	22 kg 48 lb
RM-112-19 series	442 x 480 x 44 mm 17.4 x 18.9 x 1.73"	584 x 641 x 169 mm 23 x 25.2 x 6.7"	17 kg 37 lb	23 kg 51 lb