

**INDUSTRIAL  
RACK-MOUNT LCD  
KVM DRAWER**

*1U 17" LCD Display  
Keyboard  
Touchpad Mouse Drawer*

SK525M-17

# User Manual



## SK525M-17

### Single Port 1U Rack-mount LCD Drawer



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## PACKING LIST

The complete SK525M-17 package consists of :

Item No.	Parts number	Description	Qt'y
1	SK525M-17	1U 19" Rack-Mount KVM Console	1
2		Two sets of L-Bracket for rear mount (screws included)	1
3		This Manual	1
4		Key	1
5		1 x D-Sub 15-pin to VGA, Keyboard, Mouse cable, 1.8 Meter	1 pair
6		Power Cord	1
7		PE bag	1



Please check to make sure that the unit was not damaged in shipping. If you have a problem, contact your dealer.

We strongly recommend you to read through this user's manual, and follow the installation/operation

## SAFETY INSTRUCTIONS

1. Please read the safety instructions carefully.
2. Please keep this User's Manual around for later reference.
3. Please disconnect this unit from AC outlet before cleaning. DO NOT use liquid or sprayed detergent for cleaning. Use dry clothe for cleaning.
4. Devices that plug into the unit shall be installed near the unit for easy access.
5. Please keep this unit from humidity.
6. Lay this unit on a reliable surface during the installation. A drop or fall could cause serious damage.
7. DO NOT leave this unit in a non-air-conditioned environment. Storage temperature above 40oC may damage the unit.
8. The openings on the enclosure are for air convection to prevent over-heating. DO NOT cover the openings.
9. Please make sure the voltage of the AC power source connect to the unit is within the allowed range.
10. Please secure the power cord from people's stepping on it. DO NOT place anything over the power cord. The voltage and current rating of the power cord must be greater than the voltage and current marked on the product.
11. All cautions and warning on the unit must be noted.

12. If the unit is not in use for a longer time, please disconnect the unit from the AC source and main stations to avoid being damaged by transient over-voltage.
13. DO NOT pour any liquid into the ventilation openings. This could cause fire or electrical shock.
14. DO NOT open the unit. For safety reason, leave the job only to qualified service personnel.
15. If one of the following situations arises, get the unit checked by service personnel.
  - (1) The Power Cord or plug is damaged.
  - (2) Liquid has penetrated or been poured into the unit.
  - (3) The unit has been exposed to moisture.
  - (4) The unit does not work well or you cannot get it to work according to this User's Manual.
  - (5) The unit has dropped and damaged.
  - (6) The unit has obvious signs or breakage.

## INTRODUCTION

### Overview

SK525M-17 is a 1U 19" rack-mount KVM console. It controls your computer by a keyboard, touchpad mouse and a LCD monitor, or multiple computers/servers through external KVM switch.

## FEATURE

### 1. Drawer

- (1) Integrating a keyboard, 17" LCD monitor, and a touchpad in a 1U slide away housing
- (2) The LCD display is built into the cover; the keyboard and touchpad built into the base
- (3) Separate slide for single person installation.
- (4) Built in internal power supply
- (5) Industrial keyboard
- (6) Front LED shows LCD panel ON or OFF
- (7) Synaptics Touchpad
- (8) Micro switch automatically shut-off LCD panel in the closed position
- (9) 1280\*1024 resolution assure crispy video output
- (10) Supporting DDC2B

### 2. Video

- (1) Resolution: XSGA
- (2) Number of Pixels: 1280\*1024
- (3) Active Area (mm<sup>2</sup>): 337.9 (H) \* 270.3 (V)
- (4) Number of colors: 16.2 million
- (5) Contrast Ratio : 450:1
- (6) Brightness (cd/M<sup>2</sup>): 300
- (7) Viewing Angle (U/R/U/D): 75/75/65/60

- (8) Interface: LVDS
- (9) Lamp Quantity: 4
- (10) Lamp life time: 50000 hours

### **3. Keyboard**

- (1) Industrial membrane keyboard
- (2) Multiple Languages
- (3) Lifecycle: 8kkcycles
- (4) Passed splash and spill test

### **4. Touchpad**

- (1) Synaptics Touchpad
- (2) Supports "graphics tablet mode"

## Product Photos Front View & rear View



## Product Photos Front View & rear View



## ● SPECIFICATION

Standard	Meets EIA RS-310C 1U 19" rack-mount standard
Overall Dimension (H x W x D)	44mm x 450mm x 535mm
Gross Weight	11 Kg
Safety Lock	Slide Rail Lock & Front Lock
Flat Panel Type	17" Active Matrix TFT LCD
Maximum Resolution	1280 x 1024 (Vertical Frequency: 75Hz)
VGA Input Signal Format	RGB Analog Video
TFT LCD Brightness	300 cd/m2
OSD Control	Front Side Buttons
KVM Support	Via external KVM switch
Display Control	OSD, Power On/Off, Brightness, Contrast, Auto-Sync, Scale
KVM Cable	3-in-1 D-SUB 15-Pin
Power Supply Unit	45W, 85 ~ 264VAC (Auto-switching)
Keyboard	PS/2, 104 key
Touch Pad	PS/2, with two button

## ● HARDWARE REQUIREMENT

### Computers

The following equipments must be installed on each computer:

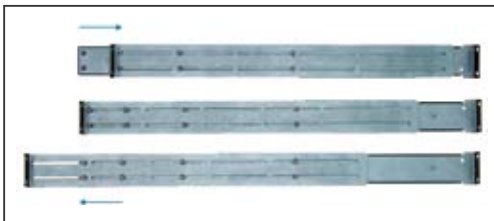
- > A VGA, SVGA or Multisync card.
- > A 6-pin mini-DIN (PS/2 style), mouse port
- > A 6-pin mini-DIN (PS/2 style), keyboard port with +5V DC on pin 4 and Ground on pin 3.

## INSTALLATION

### Mounting the Unit to Your Cabinet

The unit is designed for a direct mount onto standard 60cm, 75cm, and 90cm (optional) cabinet. Please read the following steps for the mounting of the unit.

1. Mount the “L-Bracket” to the cabinet loosely.



2. Mount the SK525M-17 in the cabinet by fastening the “L Bracket” at the rear as indicated.



3. Fasten the four screws at the front to secure the unit in the cabinet as indicated.





### Connecting up



## OPERATION

Opening the console

Step 1



Step 2



Step 3



## Closing the console

### Step 1



### Step 2



### Step 3



## LCD PANEL OSD



On Screen Display

- A..... LCD Panel Power Lamp  
 B.....LCD Panel Power ON/OFF  
 C.....Call OSD Option/Enter

- 1 .Color
  - (1) Contrast
  - (2) Brightness
  - (3) Gamma correct
  - (4) White balance
  - (5) Exit

2. Picture
  - (1) H.position
  - (2) V.position
  - (3) Sharpness
  - (4) Phase
  - (5) Clock
  - (6) Exit

3. OSD Menu
  - (1) Language
  - (2) OSD H.position
  - (3) OSD V.position
  - (4) OSD V.position
  - (5) OSD H.position
  - (6) OSD timer
  - (7) Translucent
  - (8) Exit

4. Miscellaneous
  - (1) Signal source
  - (2) Mode select
  - (3) Reset
  - (4) Volume
  - (5) Exit

5. Exit
 

D.....Auto Control  
 E.....Up Button  
 F.....Down Button



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