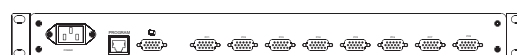
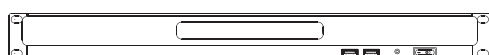


# 17" Dual Slide LCD Console Series User's Manual



● CL-KVM-MPC1700S2-EN ● CL-KVM-MPC1700S2-GE ● CL-KVM-MPC1700S2-SG



● CL-KVM-MUX1708S2-EN ● CL-KVM-MUX1708S2-GE ● CL-KVM-MUX1708S2-SG

# PACKING LIST

## CONTENTS:

● CL-KVM-MPC1700S2-EN ● CL-KVM-MPC1700S2-GE ● CL-KVM-MPC1700S2-SG

* 1u 17" Rack-mount Console	: 1 pcs
* 6ft KVM Cable/Optional	: 1 pcs
* Back rail for 17.72"(450mm )~ 31.50"(800mm) mounting range	: 2 pcs
* Power cord	: 1 pcs
* Philips screws	: 8 pcs

Please check to ensure that the unit is not damaged. Report any damages immediately to your dealer/shipper.

Please read the manual thoroughly and follow the installation and operation procedures carefully to prevent any damages to the console unit, and/or any devices connected to it.

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Please check to ensure that the unit is not damaged. Report any damages immediately to your dealer/shipper.

Please read the manual thoroughly and follow the installation and operation procedures carefully to prevent any damages to the console unit, and/or any devices connected to it.

# SAFETY INSTRUCTIONS

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1. Please read the manual before installing and operating the console unit.
2. Please store the user manual in a safe and easily accessible place.
3. Please power down and unplug the console before performing any cleaning.
4. No liquid detergent can be applied directly. Use a moist cloth for this purpose.
5. The unit must be kept in a cool and dry place.
6. Do not keep the unit in an environment above 140 degree F.
7. Dropping the unit will cause irreversible damage and/or cause injuries.
8. Do not block any ventilation holes as the unit will overheat and malfunction.
9. Make sure that the power rating of the outlet matches the unit's.
10. Plug the unit to a UPS or surge protector to avoid damage thru electrical surges.
11. If in any situation the unit is not used for a long period of time, it is advisable to power Down and unplug the unit for safety purposes.
12. Place the power in a safe spot to prevent tripping or stepped on.
13. Do not open the unit for any reasons, unless it is done by a qualified technician.
14. Do not pour liquid onto the unit as this can cause a fire or electric shock.
15. All cautions and warnings on the unit must be noted and followed.
16. Before the unit can be use again following any damages to it, a qualified technician Must test and certify the usability and safety of the unit first.

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# CHAPTER 1 GENERAL INFORMATION

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## 1.1 Overview

This console is an ideal solution for all network administration environments with multiple servers and platforms. The 17-inch TFT LCD color display and low-profile industrial keyboard/touchpad provide the user-friendliest and most reliable environment for all network administrators. All these functions are integrated into a 17-inch 1u space console. Its rugged construction design also provides space saving and high reliability for all industrial network applications.

The drawer housing the monitor forms a tough and rugged enclosure that will protect it from all hazards and also permits easy access to the monitor controls.

The high quality monitor provides flicker-free color images at the optimal resolutions. It ensures crisp images with clear definitions. This monitor is an auto-adjusting and ergonomically designed display.

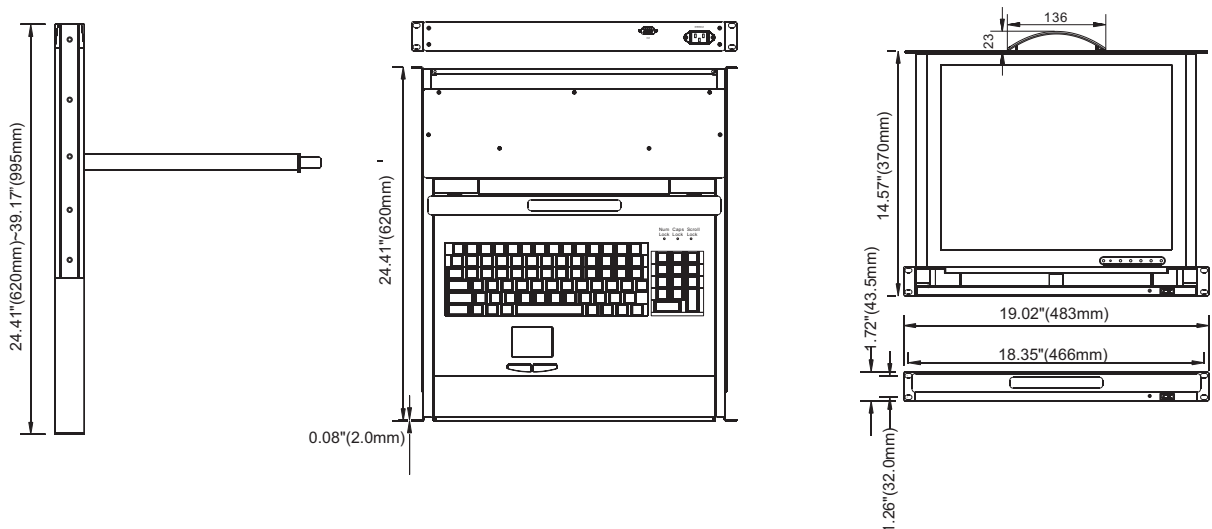
We utilize the latest in active thin film transistor (TFT) technology for all our monitors. This provides crisp images and wider viewing angles. Compared with the conventional CRT, the LCD monitors are not affected by the magnetic fields commonly found in most plant floor or communications centers. They are also brighter, making them ideal for high ambient lighting conditions found in today's factory environments. On-screen menus allow for display adjustments. The monitor's P-N-P features support Windows 95/98, NT and XP, with the universal power supply allows global acceptability.

The console's monitor are compatible to most analog RGB (Red, Green, Blue) display standards, including PS/2, optional for Sun Micro System, Apple Macintosh Centris, Quadra and Macintosh II Family signals. The monitor is capable of displaying crisp, vibrant color graphics with VGA, SVGA, XGA ,SXGA, and most Macintosh compatible color video cards.

## 1.2 PRODUCT SPECIFICATIONS(1PORT)

Function/Model	CL-KVM-MPC1700S2-EN \ CL-KVM-MPC1700S2-GE \ CL-KVM-MPC1700S2-SG
Ports	1
PC side connector	HD-15M x 1
Console side connector	NO
PC selection method	NO
Max.Resolution	1280 x 1024@ 60 Hz
Pixel Pitch (mm)	0.264 (per one triad) x 0.264
Pixel Position	R.G.B. Vertical Stripe
Display Mode	Normally White
Brightness (cd/m <sup>2</sup> )	300 (center, Typ) @ 7.5mA
Contrast Ratio	1000:1 (typ.)
Support Color	16.7M colors (RGB 6-bits + FRC data)
Energy Consumption (max.)	24W
Power Supply (External)	110-240V
Power Supply (Internal)	12V 3.8A
Operating temperature	0~45℃
Storage temperature	-20℃~60℃
Housing	Metal
N.W(Kg)/carton	14.2
G.W(Kg)/carton	19.5
Dimensions(mm)	24.41"(620mm)(L)x17.58"(446.4mm)(W)x1.72"(43.5mm)(H)
Standards	CE FCC. AC Adaptor: UL, TUV, CE

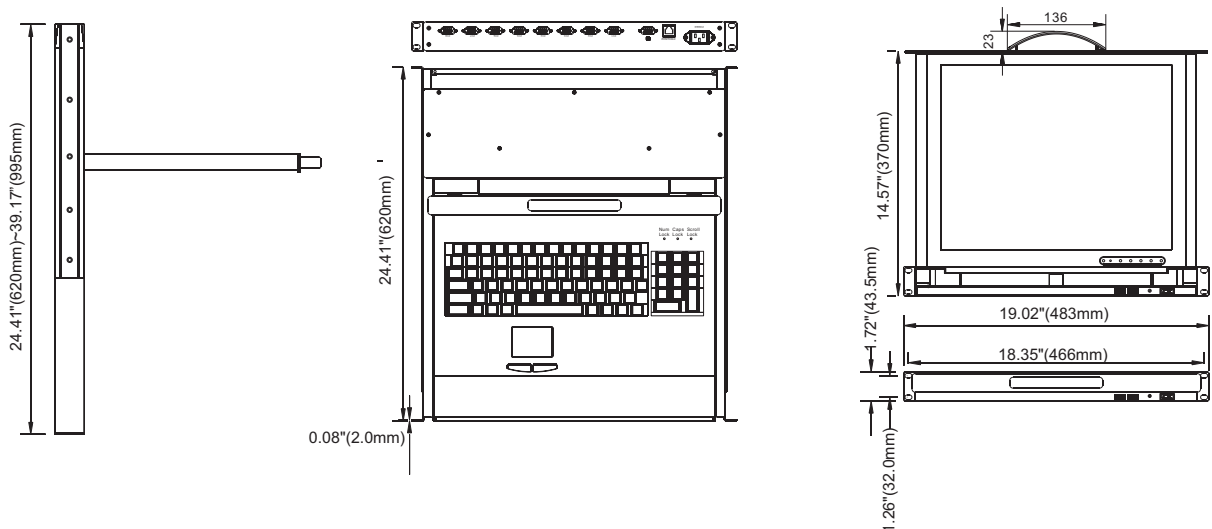
- CL-KVM-MPC1700S2-EN \ CL-KVM-MPC1700S2-GE \ CL-KVM-MPC1700S2-SG



### 1.3 PRODUCT SPECIFICATIONS(8PORT)

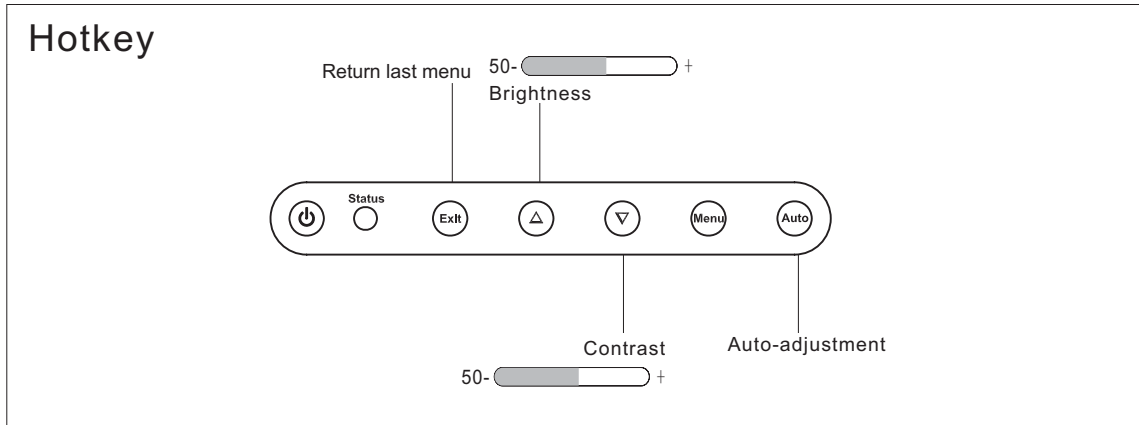
Function/Model	CL-KVM-MUX1708S2-EN \ CL-KVM-MUX1708S2-GE \ CL-KVM-MUX1708S2-SG
Ports	8
PC side connector	HD-15M x 8
Console side connector	8P8C x 1; HD-15F x 1,USB A type x 2(K/B & mouse only)
PC selection method	Hotkey/OSD/Push button
Max.Resolution	1280 x 1024@ 60 Hz
Pixel Pitch (mm)	0.264 (per one triad) x 0.264
Pixel Position	R.G.B. Vertical Stripe
Display Mode	Normally White
Brightness (cd/m <sup>2</sup> )	300 (center, Typ) @ 7.5mA
Contrast Ratio	1000:1 (typ.)
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● CL-KVM-MUX1708S2-EN \ CL-KVM-MUX1708S2-GE \ CL-KVM-MUX1708S2-SG





## SECTION 2 CONTROL PANEL & OSD FUNCTIONS

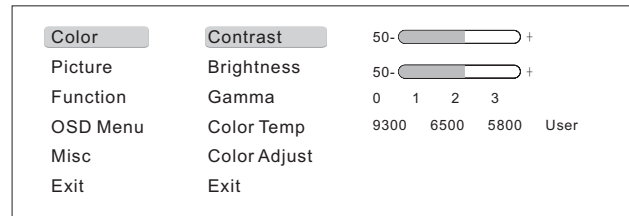


Controls	Description
Power	Power On/Off Button. LED will be lit when on.
Status	LED indicator for status. Green means power on and signal receipt ; Red means standby, suspend or power off.
Exit	Return last menu
△	Move cursor up to the function to be adjusted
▽	Move cursor down to the function to be adjusted
Menu	To access the main menu and also double as the 'Enter' button
Auto	Auto-adjustment

## 2.1 Color ( To adjust the factors such as contrast, brightness, gamma, colour temp and color adjust)

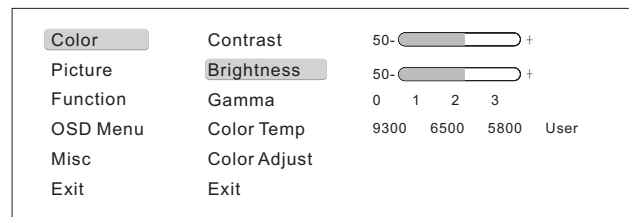
### 2.1.1 Contrast

- I. Press the 'Menu' button to activate the on-screen menu
- II. Use the 'UP' & 'Down' buttons to scroll up or down
- III. Scroll down to the selection 'Color'
- IV. Press the 'Menu' button to confirm the selection.
- V. Use the 'UP' & 'Down' buttons to scroll up or down
- VI. Scroll down to the selection 'Contrast'
- VII. Press the 'Menu' button to confirm the selection and the number of scale on the right will turn red from black.
- VIII. Use the 'UP' & 'Down' buttons to change the number for contrast adjustment.



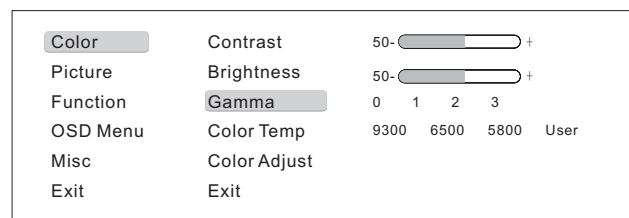
### 2.1.2 Brightness

- I. Press the 'Menu' button to activate the on-screen menu
- II. Use the 'UP' & 'Down' buttons to scroll up or down
- III. Scroll down to the selection 'Color'
- IV. Press the 'Menu' button to confirm the selection.
- V. Use the 'UP' & 'Down' buttons to scroll up or down
- VI. Scroll down to the selection 'Brightness'
- VII. Press the 'Menu' button to confirm the selection and the number of scale on the right will turn red from black.
- VIII. Use the 'UP' & 'Down' buttons to change the number for Brightness adjustment.



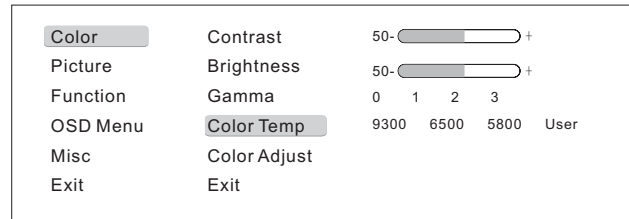
### 2.1.3 Gamma

- I. Press the 'Menu' button to activate the on-screen menu
- II. Use the 'UP' & 'Down' buttons to scroll up or down
- III. Scroll down to the selection 'Color'
- IV. Press the 'Menu' button to confirm the selection.
- V. Use the 'UP' & 'Down' buttons to scroll up or down
- VI. Scroll down to the selection 'Gamma'
- VII. Press the 'Menu' button to confirm the selection and the numbers from 0 to 3 on the right are selectable.
- VIII. Use the 'UP' & 'Down' buttons to scroll down to the wanted number( selection) and press 'Menu' button to confirm for Gamma adjustment.



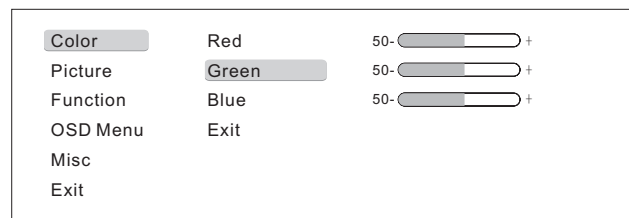
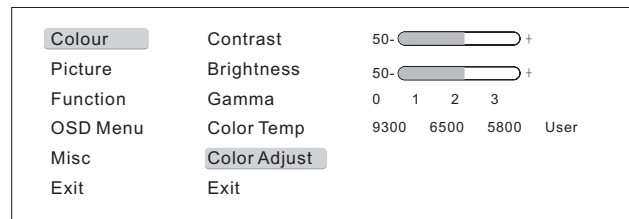
### 2.1.4 Color Temperature

- I. Press the 'Menu' button to activate the on-screen menu
- II. Use the 'UP' & 'Down' buttons to scroll up or down
- III. Scroll down to the selection 'Color'
- IV. Press the 'Menu' button to confirm the selection.
- V. Use the 'UP' & 'Down' buttons to scroll up or down
- VI. Scroll down to the selection 'Color Temp'
- VII. Press the 'Menu' button to confirm the selection and There are 4 options on the right, (9300, 6500, 5800 and User) .
- VIII. Use the 'UP' & 'Down' buttons to scroll down to the wanted selection and press 'Menu' button to confirm for Color Temperature adjustment.



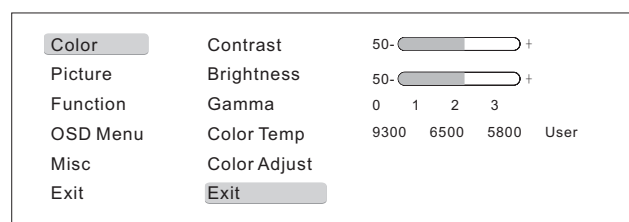
### 2.1.5 Color adjustment

- I. Press the 'Menu' button to activate the on-screen menu
- II. Use the 'UP' & 'Down' buttons to scroll up or down
- III. Scroll down to the selection 'Color'
- IV. Press the 'Menu' button to confirm the selection.
- V. Use the 'UP' & 'Down' buttons to scroll up or down
- VI. Scroll down to the selection 'Color Adjust'
- VII. Press the 'Menu' button to confirm the selection and the OSD will switch to another display mode with 4 options on the right( Red, Green, Blue colors with scale and Exit.) .
- VIII. Use the 'UP' & 'Down' buttons to scroll down to the wanted color and press the 'Menu' button to confirm the selection and the number of scale on the right will turn red from black.
- VIII. Use the 'UP' & 'Down' buttons to change the number for Color adjustment.
- IX. To leave this selection (Color Adjust), use the 'UP' & 'Down' buttons to scroll up or down to 'Exit'



### 2.1.6 Exit from "Color" selection

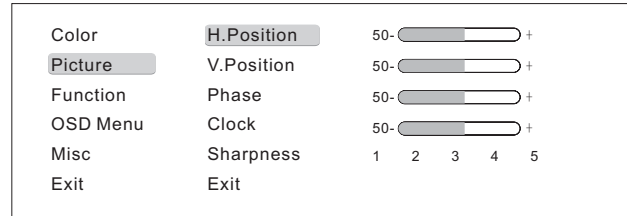
- I. To leave this selection, use the 'UP' & 'Down' buttons to scroll up or down to 'Exit'
- II. Press the 'Menu' button to confirm the selection and move back to the options on the left.



## 2.2 Picture ( To adjust the factors such as Horizontal position, Vertical position, clock and sharpness)

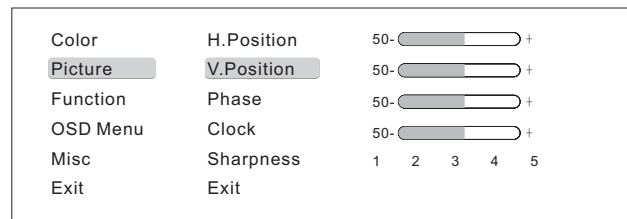
### 2.2.1 Horizontal position

- I. Press the 'Menu' button to activate the on-screen menu
- II. Use the 'UP' & 'Down' buttons to scroll up or down
- III. Scroll down to the selection 'Picture'
- IV. Press the 'Menu' button to confirm the selection.
- V. Use the 'UP' & 'Down' buttons to scroll up or down
- VI. Scroll down to the selection 'H.Position'
- VII. Press the 'Menu' button to confirm the selection and the number of scale on the right will turn red from black.
- VIII. Use the 'UP' & 'Down' buttons to change the number for Horizontal position adjustment.



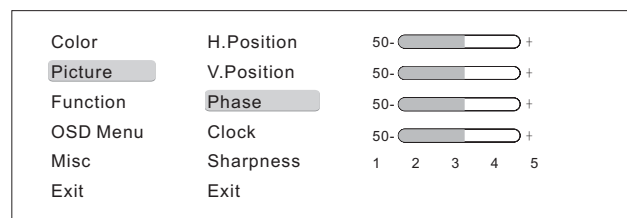
### 2.2.2 Vertical position

- I. Press the 'Menu' button to activate the on-screen menu
- II. Use the 'UP' & 'Down' buttons to scroll up or down
- III. Scroll down to the selection 'Picture'
- IV. Press the 'Menu' button to confirm the selection.
- V. Use the 'UP' & 'Down' buttons to scroll up or down
- VI. Scroll down to the selection 'V.Position'
- VII. Press the 'Menu' button to confirm the selection and the number of scale on the right will turn red from black.
- VIII. Use the 'UP' & 'Down' buttons to change the number for Vertical position adjustment.



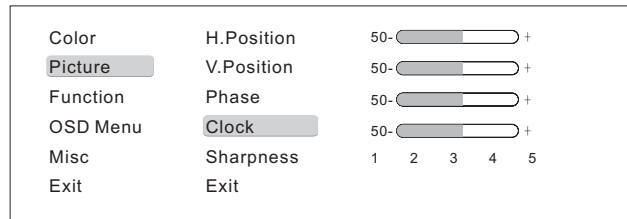
### 2.2.3 Phase

- I. Press the 'Menu' button to activate the on-screen menu
- II. Use the 'UP' & 'Down' buttons to scroll up or down
- III. Scroll down to the selection 'Picture'
- IV. Press the 'Menu' button to confirm the selection.
- V. Use the 'UP' & 'Down' buttons to scroll up or down
- VI. Scroll down to the selection 'Phase'
- VII. Press the 'Menu' button to confirm the selection and the number of scale on the right will turn red from black.
- VIII. Use the 'UP' & 'Down' buttons to change the number for Phase adjustment.



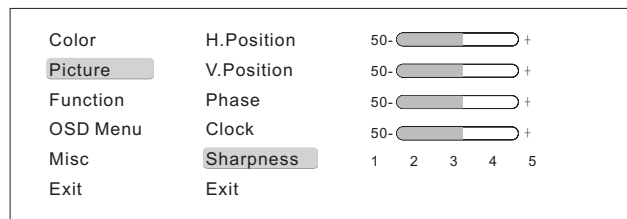
### 2.2.4 Clock

- I. Press the 'Menu' button to activate the on-screen menu
- II. Use the 'UP' & 'Down' buttons to scroll up or down
- III. Scroll down to the selection 'Picture'
- IV. Press the 'Menu' button to confirm the selection.
- V. Use the 'UP' & 'Down' buttons to scroll up or down
- VI. Scroll down to the selection 'Clock'
- VII. Press the 'Menu' button to confirm the selection and the number of scale on the right will turn red from black.
- VIII. Use the 'UP' & 'Down' buttons to change the number for Clock adjustment.



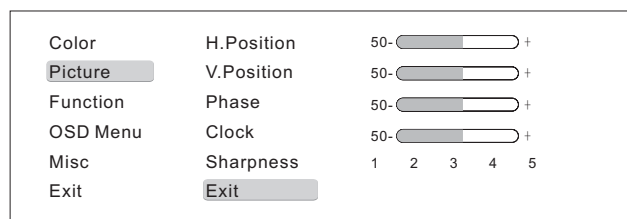
### 2.2.5 Sharpness

- I. Press the 'Menu' button to activate the on-screen menu
- II. Use the 'UP' & 'Down' buttons to scroll up or down
- III. Scroll down to the selection 'Picture'
- IV. Press the 'Menu' button to confirm the selection.
- V. Use the 'UP' & 'Down' buttons to scroll up or down
- VI. Scroll down to the selection 'Sharpness'
- VII. Press the 'Menu' button to confirm the selection and the numbers from 1 to 5 on the right are selectable.
- VIII. Use the 'UP' & 'Down' buttons to scroll down to the wanted number( selection) and press 'Menu' button to confirm for Sharpness adjustment.



### 2.2.6 Exit from “ Picture” selection

- I. To leave this selection, use the 'UP' & 'Down' buttons to scroll up or down to 'Exit'
- II. Press the 'Menu' button to confirm the selection and move back to the options on the left.



## 2.3 Function ( To adjust the factors like Auto colour & Auto adjustment)

### 2.3.1 Auto Color

- I. Press the 'Menu' button to activate the on-screen menu
- II. Use the 'UP' & 'Down' buttons to scroll up or down
- III. Scroll down to the selection 'Function'
- IV. Press the 'Menu' button to confirm the selection.
- V. Use the 'UP' & 'Down' buttons to scroll up or down
- VI. Scroll down to the selection 'Auto Color'
- VII. Press the 'Menu' button to confirm the selection and There are 2 options on the right (YES and NO).
- VIII. Use the 'UP' & 'Down' buttons to the wanted selection and press 'Menu' button to confirm. “ NO” to turn off the auto color function and “ YES” to turn on the auto color function.

Color	Auto Color	YES	NO
Picture	Auto Adjust	YES	NO
Function	Exit		
OSD Menu			
Misc			
Exit			

### 2.3.2 Auto Adjust

- I. Press the 'Menu' button to activate the on-screen menu
- II. Use the 'UP' & 'Down' buttons to scroll up or down
- III. Scroll down to the selection 'Function'
- IV. Press the 'Menu' button to confirm the selection.
- V. Use the 'UP' & 'Down' buttons to scroll up or down
- VI. Scroll down to the selection 'Auto Adjust'
- VII. Press the 'Menu' button to confirm the selection and There are 2 options on the right (YES and NO).
- VIII. Use the 'UP' & 'Down' buttons to the wanted selection and press 'Menu' button to confirm. “ NO” to turn off the auto adjustment function and “ YES” to turn on the auto adjustment function.

Color	Auto Color	YES	NO
Picture	Auto Adjust	YES	NO
Function	Exit		
OSD Menu			
Misc			
Exit			

### 2.3.3 Exit from “ Function” selection

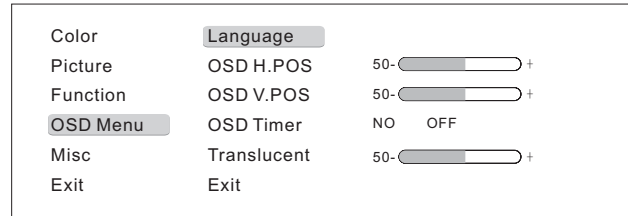
- I. To leave this selection, use the 'UP' & 'Down' buttons to scroll up or down to 'Exit'
- II. Press the 'Menu' button to confirm the selection and move back to the options on the left.

Color	Auto Color	YES	NO
Picture	Auto Adjust	YES	NO
Function	Exit		
OSD Menu			
Misc			
Exit			

## 2.4 OSD Menu ( To adjust the factors such as Language, OSD Height Position, OSD Vertical Position, OSD Timer and OSD Translucent.)

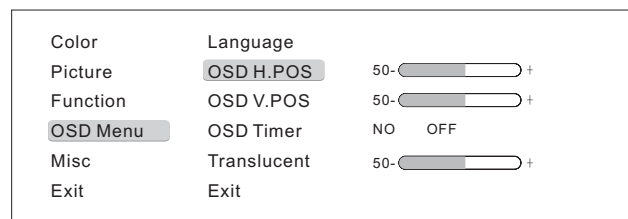
### 2.4.1 Language

- I. Press the 'Menu' button to activate the on-screen menu
- II. Use the 'UP' & 'Down' buttons to scroll up or down
- III. Scroll down to the selection 'OSD Menu'
- IV. Press the 'Menu' button to confirm the selection.
- V. Use the 'UP' & 'Down' buttons to scroll up or down
- VI. Scroll down to the selection 'Language'
- VII. Press the 'Menu' button to confirm the selection and the OSD will switch to another display mode with 8 options of languages on the right( Including English, Franch, Deutsch, Spanish, Italian, Traditional Chinese, Simplified Chinese and Japanese) .
- VIII. Use the 'UP' & 'Down' buttons to scroll down to the wanted language and press the 'Menu' button to confirm the selection.



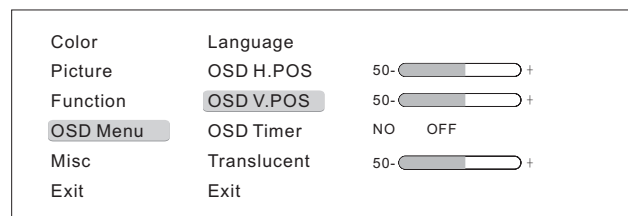
### 2.4.2 OSD Height Position

- I. Press the 'Menu' button to activate the on-screen menu
- II. Use the 'UP' & 'Down' buttons to scroll up or down
- III. Scroll down to the selection 'OSD Menu'
- IV. Press the 'Menu' button to confirm the selection.
- V. Use the 'UP' & 'Down' buttons to scroll up or down
- VI. Scroll down to the selection 'OSD H.Pos'
- VII. Press the 'Menu' button to confirm the selection and the number of scale on the right will turn red from black.
- VIII. Use the 'UP' & 'Down' buttons to change the number for OSD Height Position adjustment.



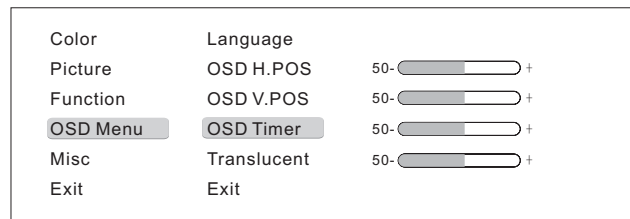
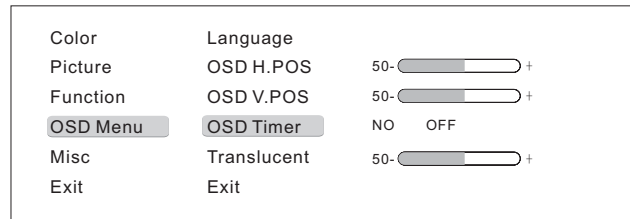
### 2.4.3 OSD Vertical Position

- I. Press the 'Menu' button to activate the on-screen menu
- II. Use the 'UP' & 'Down' buttons to scroll up or down
- III. Scroll down to the selection 'OSD Menu'
- IV. Press the 'Menu' button to confirm the selection.
- V. Use the 'UP' & 'Down' buttons to scroll up or down
- VI. Scroll down to the selection 'OSD V.Pos'
- VII. Press the 'Menu' button to confirm the selection and the number of scale on the right will turn red from black.
- VIII. Use the 'UP' & 'Down' buttons to change the number for OSD Vertical Position adjustment.



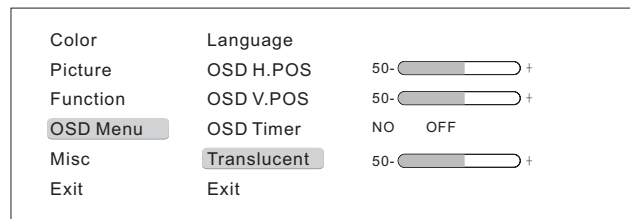
#### 2.4.4 OSD Timer

- I. Press the 'Menu' button to activate the on-screen menu
- II. Use the 'UP' & 'Down' buttons to scroll up or down
- III. Scroll down to the selection 'OSD Menu'
- IV. Press the 'Menu' button to confirm the selection.
- V. Use the 'UP' & 'Down' buttons to scroll up or down
- VI. Scroll down to the selection 'OSD Timer'
- VII. Press the 'Menu' button to confirm the selection and There are 2 options on the right (ON & OFF).
- VIII. Use the 'UP' & 'Down' buttons to the wanted selection and press 'Menu' button to confirm. “ON” to turn on the OSD Timer function and “OFF” to turn off the OSD Timer function
- VII. Turn on the OSD Timer function and a scale would show up. Use the 'UP' & 'Down' buttons to change the number for OSD Timer adjustment. The unit is in second.



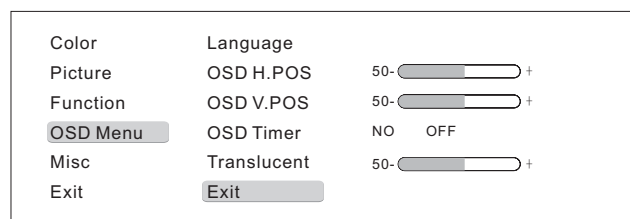
#### 2.4.5 OSD Translucent

- I. Press the 'Menu' button to activate the on-screen menu
- II. Use the 'UP' & 'Down' buttons to scroll up or down
- III. Scroll down to the selection 'OSD Menu'
- IV. Press the 'Menu' button to confirm the selection.
- V. Use the 'UP' & 'Down' buttons to scroll up or down
- VI. Scroll down to the selection 'Translucent'
- VII. Press the 'Menu' button to confirm the selection and the number of scale on the right will turn red from black.
- VIII. Use the 'UP' & 'Down' buttons to change the number for OSD Translucent adjustment.



#### 2.4.6 Exit from “ OSD Menu” selection

- I. To leave this selection, use the 'UP' & 'Down' buttons to scroll up or down to 'Exit'
- II. Press the 'Menu' button to confirm the selection and move back to the options on the left.





## 2.5 Misc ( To adjust the factors of Mode Select and reset function.)

### 2.5.1 Mode Select

- I. Press the 'Menu' button to activate the on-screen menu
- II. Use the 'UP' & 'Down' buttons to scroll up or down
- III. Scroll down to the selection 'Misc'
- IV. Press the 'Menu' button to confirm the selection.
- V. Use the 'UP' & 'Down' buttons to scroll up or down
- VI. Scroll down to the selection 'Mode Select'
- VII. Press the 'Menu' button to confirm the selection and The 2 options, 640x 400 and 720x400 are selectable.
- VIII. Use the 'UP' & 'Down' buttons to scroll down to the wanted selection and press 'Menu' button to confirm for Mode Select adjustment.

Color	Mode Select	640×400	720×400
Picture	Reset	YES	NO
Function	Exit		
OSD Menu			
Misc			
Exit			

### 2.5.2 Reset

- I. Press the 'Menu' button to activate the on-screen menu
- II. Use the 'UP' & 'Down' buttons to scroll up or down
- III. Scroll down to the selection 'Misc'
- IV. Press the 'Menu' button to confirm the selection.
- V. Use the 'UP' & 'Down' buttons to scroll up or down
- VI. Scroll down to the selection 'Reset'
- VII. Press the 'Menu' button to confirm the selection and There are 2 options on the right (YES and NO).
- VIII. Use the 'UP' & 'Down' buttons to the wanted selection and press 'Menu' button to confirm. “NO” is no any effects or changes on current operation. “YES” to turn back to default setting.

Color	Mode Select	640×400	720×400
Picture	Reset	YES	NO
Function	Exit		
OSD Menu			
Misc			
Exit			

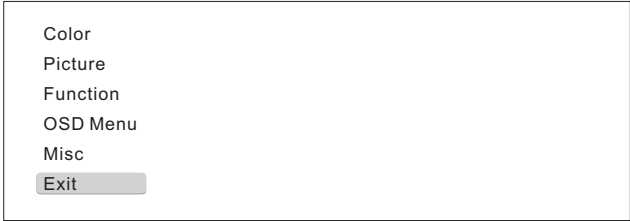
### 2.5.3 Exit from “ Misc” selection

- I. To leave this selection, use the 'UP' & 'Down' buttons to scroll up or down to 'Exit'
- II. Press the 'Menu' button to confirm the selection and move back to the options on the left.

Color	Mode Select	640×400	720×400
Picture	Reset	YES	NO
Function	Exit		
OSD Menu			
Misc			
Exit			

## 2.6 Exit ( To exit out of the main Menu)

Select the 'Exit' button and press ' Menu' to exit the OSD Menu



A screenshot of the OSD (On-Screen Display) menu. The menu is a vertical list of options: Color, Picture, Function, OSD Menu, Misc, and Exit. The 'Exit' option at the bottom is highlighted with a grey rectangular button.

- Color
- Picture
- Function
- OSD Menu
- Misc
- Exit

## 2.7 Power Indicator( LED light )

- I. Green    ON
- II. Red     Standby
- III. Red    Suspend
- IV. Red    Off

## SECTION 3 KVM Control and OSD function

### I. FUNCTION

1. This operation manual is adapted to Auto Multi-PCs Controller which are available with OSD (ON SCREEN DISPLAY) support. This series of model can be connected as a first level of a MASTER unit in cascade configuration.
2. When multi models are cascaded, the one which has a mouse, a keyboard and a monitor connected to its Console port directly and operated by a user called "MASTER"; other cascaded models are called "SLAVE". The console side of each SLAVE has to be connected to the PC side of MASTER.
3. For these models with built-in OSD (ON SCREEN DISPLAY) control, user can easily be aware of the system status and operations through on screen menu.
4. These series of models can set up individual PC name and search the PC by name.
5. Password setup and management are available. If the password is built, you must input the correct password to access the target PC.
6. AUTO SCAN function is available, Scan time interval is adjustable.

### II. OPERATION

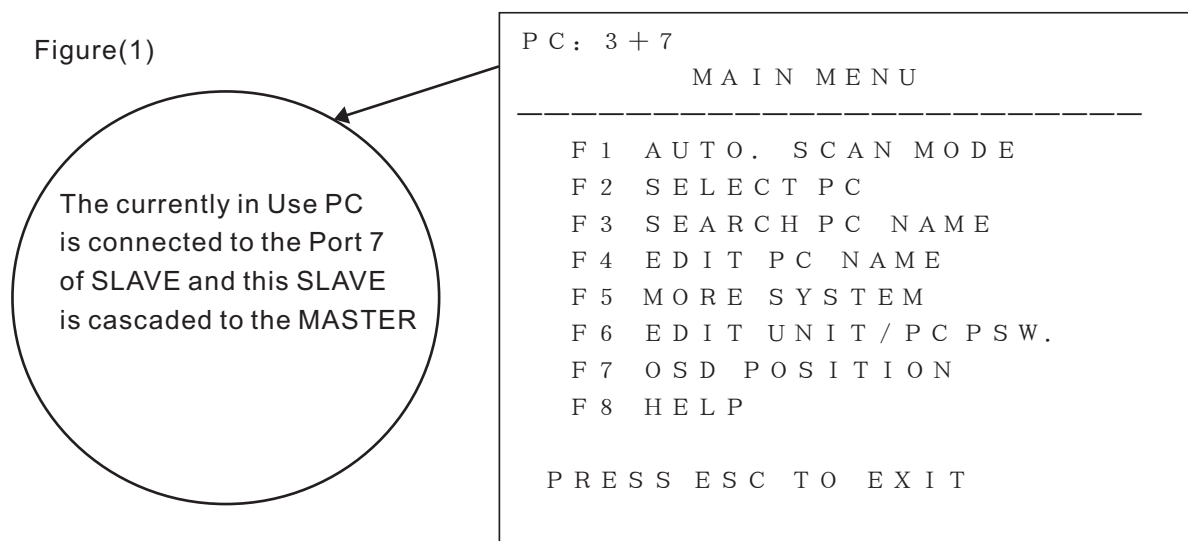
#### 1. Front Panel Push Buttons

- A. Selecting the PC by pressing the front panel push button directly.
- B. The Auto Scan button of SLAVE will be disable when in cascade configuration.

#### 2. Hot-key Commands

- A. HOT-KEY can be set as <SCROLL > key (original design) or <L-CTRL> (LEFT CTRL) Key.
- B. Press HOT-KEY twice (Within 3 seconds) (Remark: Press HOT-KEY only one time when password is accepted), then into the HOT-KEY MAIN MENU mode.
- C. When on MAIN MENU screen, the OSD display is shown as Figure(1):

Figure(1)



- D. Line one shows PC:3+7 which indicates that the currently in use PC is connected to the port 7 of SLAVE and this SLAVE is cascaded to the MASTER port 3.
- E. Under this screen mode, user can press button<F1>, <F2>, <F3>, <F4>, <F5>, <F6> for Activating its function and can also press number key (0-9) to select PC.
- F. While activating the HOT-KEY commands, MOUSE will be disable temporarily, KEYBOARD can only control the OSD screen but CANNOT control the selected PC
- G. Press <ESC> to exit the MAIN MENU screen and return to the PC operation, the MOUSE and KEYBOARD can then work normally.

### 3. Using numerical key to select PC

- A. Press the numerical key once and the screen sill show as Figure(2), then press 0-9 to select PC.
- B. The port number which is connected to the MASTER should be input first and following press <+> and then press the port number of the SLAVE which is connected to the Selected PC.
- C. Hit <ENTER> to confirm. You can access the selected PC immediately if it is powered on.
- D. If the selected PC has not been powered on, OSD shows "DISABLE".
- E. If selected wrong PC number, OSD displays "ERROR".

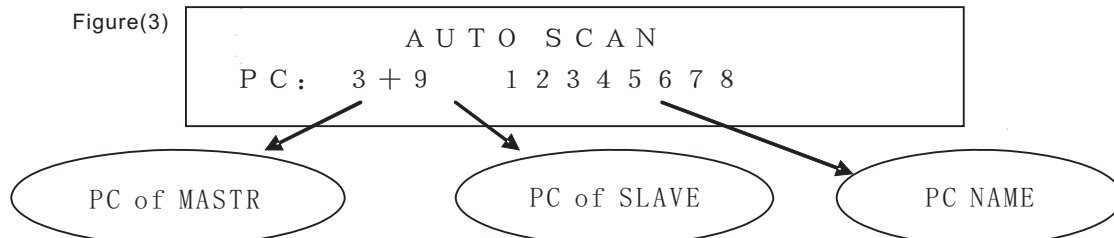
Figure(2)



### 4. Press<F1>key to activate the AUTO SCAN function

- A. In MAIN MENU, hitting<F1>key is to indicate to enter into AUTO SCAN function ,OSD Will display as Figure(3).

Figure(3)




- B. The port number which is connected to the MASTER should be input first and following press <+> and then press the port number of the SLAVE which is connected to the Selected PC.
- C. Hit <ENTER> to confirm. You can access the selected PC immediately if it is powered on.
- D. If the selected PC has not been powered on, OSD shows "DISABLE".
- E. If selected wrong PC number, OSD displays "ERROR".

Table(1)

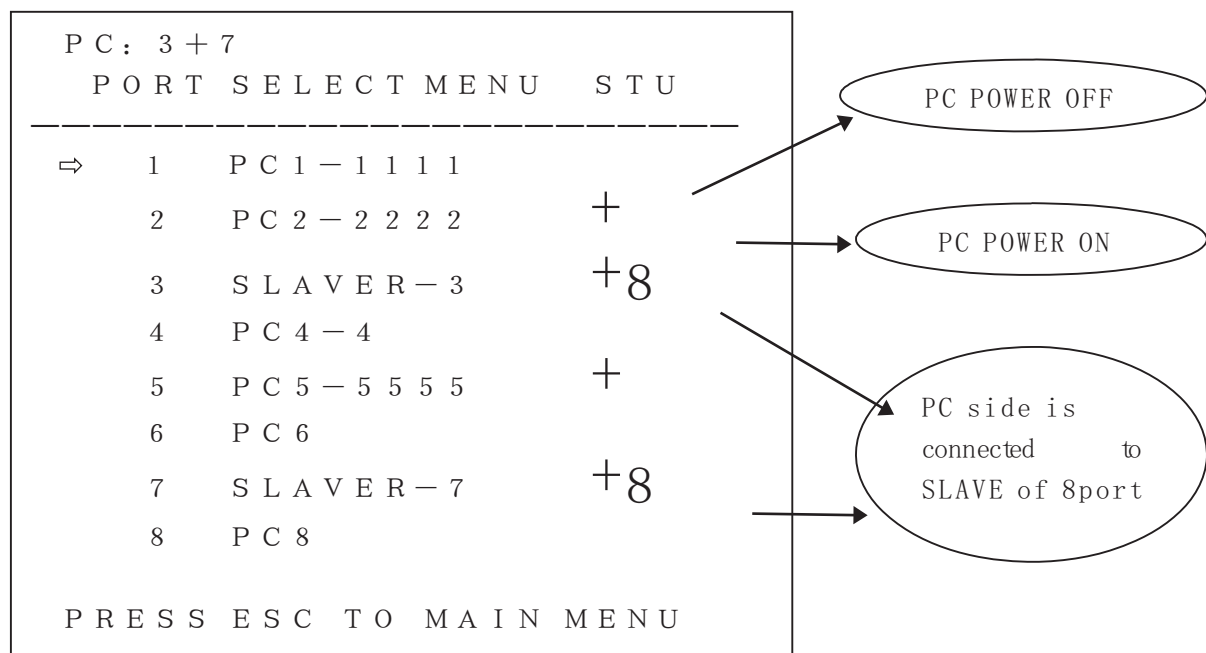
Sec.	NUM LOCK	CAPS LOCK	SCROLL LOCK
5	OFF	OFF	ON
10	ON	OFF	OFF
15	ON	OFF	ON
20	OFF	ON	OFF
25	OFF	ON	ON
30	ON	ON	OFF


- F. Under AUTO SCAN mode, hitting <→> key is to select the next powered-on PC.
- G. Under AUTO SCAN mode, hitting <←> key is to select the previous powered-on PC.
- H. Exit Auto SCAN mode:  
Press <ESC> key to exit the AUTO SCAN and return to the selected PC and also enter into the MENU mode operation, and the MOUSE and KEYBOARD then work normally.

#### 5. <F2> key SELECT PC function

- A. Under MAIN MENU mode, hit <F2>key to enter the select PC function, the screen displays as Figure(4).
- B. Under the mode, use <↓> or <↑> key to move the cursor  (CURSOR), use <ENTER> to Confirm the PC selection.
- C. Under OSD display: right side (STU) field shows the selected PC status:  
+ :selected PC is POWER ON;  
+ 8:selected PC is daisy-chained to 8 port model series which have MASTER / SLAVE Configuration.
- D. Line one shows PC: 3+7 which indicates that the selected PC is Port 7 of SLAVE and This SLAVE is daisy-chained to MASTER port 3. (Figure(4))

Figure(4)



- E. If cursor  selects the PC which is remarked with “⊕” means that the PC is daisy-Chained to the SLAVE. Hit <ENTER> or <→> to enter into the cascaded SLAVE. OSD shows the selected daisy-chained PC information (see Figure(5)). On the right side of Line 1 of Figure(5) shows “SLAVER:??” to identity the on screen information is from?? Port of SALVER.

P C : 3 + 7		S L A V E R : 3	
P O R T		S E L E C T M E N U	
		S T U	
⇒ 1	S 3 - P C 1 1 1		
2	S 3 - P C 2 2 2		+
3	E M A I L - 1		+
4	S M P T - 3		
5	S 3 - P C 5 5 5		+
6	S 3 - P C 6		
7	S 3 - P C 7		+
8	S 3 - P C 8		
P R E S S E S C T O M A I N M E N U			

Presents the OSD  
screen information  
is from SLAVE 3

- F. Shown SLAVE PC information as Figure(5), press <←> to return to the MASTER PC (Shown as Figure(4)).
- G. Press <ESC> key to come back to MAIN MENU (Shown Figure(1)).

#### 6. <F3> key SEARCH PC function

- A. On MAIN MENU screen mode, press <F3> to enter into PC NAME input mode to search For the target PC, OSD message shown as FIGURE(6).

FIGURE(6)

SEARCH NAME : ?

- B. Input at most 16 characters ( <A~Z>, numerical <0~9> and <-> etc) and press <ENTER> as confirmation. For example: input <PC12345> and hit <ENTER> to start searching the target PC <PC12345>. When targeted PC is found, it will switch to the PC autocratically.
- C. If no PC NAME is matched, the OSD will display "ERROR" message (shown as Figure(7)).

FIGURE(7)

ERROR  
SEARCH NAME : PC12345

- D. If the searched PC is powered off, the OSD will display "DISABLE" message (shown as Figure(8)).

Figure(8)




DISABLE  
PC : 12 + 5 - PC12345

## 7. <F4> key EDIT PC NAME function

- A. Under MAIN MENU mode: hit <F4> key to enter the edit PC name operation (shown as Figure(9)), on the Line 1 of Figure(9) show PC : 2 indicating the current screen Information is from the second PC.

Figure(9)

P C : 2		P O R T N A M E E D I T				S T U	
<hr/>							
⇒	1	P C 1 - 1 1 1 1					
	2	P C 2 - 2 2 2 2				+	
	3	S L A V E R - 3				+8	
	4	P C 4 - 4					
	5	P C 5 - 5 5 5 5				+	
	6	P C 6					
	7	S L A V E R - 7				+8	
	8	P C 8					
 P R E S S E S C T O M A I N M E N U							

- B. Under OSD mode: on the right side of (STU) field show the status of PC:  
 + : PC is POWER ON;  
 + 8: PC is daisy-chained to 8 port model series which have MASTER / SLAVE Configuration.
- C. use <↓> or <↑> key to move the cursor  (CURSOR), hit <ENTER> to enter the edit PC name operation (shown as Figure(10)).
- D. In Figure(10) the cursor  indicates to edit the name of PC2. the cursor becomes the icon  prompt to indicate the location you are editing. Input at most 16 characters (<A~Z>, numerical <0~9> and <-> etc) and press <ENTER> as confirmation.
- E. Edit SLAVE PC name: use <↓>, <↑>, <Page Up>, <Page Down> to select the PC of SLAVE. Then press <→> to select the daisy-chained SLAVE PC, the OSD screen shows as Figure (11): the right side of Line 1 shows “SLAVER:3” indicating the current screen Display is from ?? SLAVE.

P C : 2			
	P O R T	N A M E E D I T	S T U
<hr/>			
	1	P C 1 - 1 1 1 1	
⇒	2	■	+
	3	S L A V E R - 3	+8
	4	P C 4 - 4	
	5	P C 5 - 5 5 5 5	+
	6	P C 6	
	7	S L A V E R - 7	+8
	8	P C 8	
P R E S S E S C T O M A I N M E N U			

Figure(10)

P C : 2		S L A V E R : 3	
	P O R T	N A M E E D I T	S T U
<hr/>			
	1	S 3 - P C 1 1 1	
⇒	2	S 3 - P C 2 2 2	+
	3	E M A I L - 1	+
	4	S M P T - 3	
	5	S 3 - P C 5 5 5	+
	6	S 3 - P C 6	
	7	S 3 - P C 7	+
	8	S 3 - P C 8	
P R E S S E S C T O M A I N M E N U			

Figure(11)

- F. Figure (11) shows the selected SLAVE PC information; hit <←> key to return to the MASTER PC mode (shown as Figure(9)).
- G. Hit <ESC> to back to the MAIN MENU mode (shown as Figure (1)).



### 8. <F5> key MORE SYSTEM function

- A. Under MAIN MENU mode: hit <F5> key to enter the MASTER PC setting operations. You Can hit <↓> or <↑> or <←> or <→> key to setup these parameters.(shown as Figure (12))
- B. Hit <↓> or <↑> key to move cursor and select item.
- C. Hit <←> or <→> key to change the setting.
- D. Hit <ESC> to go back to the MAIN MENU (Figure (1)) shown as follow:

Figure (12)

P C : 3 + 7	
M O R E   S Y S T E M	
-----	
⇒ P O W E R   O N   S C A N	O F F
S C A N   T I M E	5   S E C
H O T - K E Y	S C R O L L
B U Z Z E R	O N
B A C K G R O U N D C O L O R	O N
↓   ↑	F O R   S E L E C T
◀   ▶	F O R   S E T
P R E S S   E S C   T O   M A I N   M E N U	

- E. POWER ON SCAN setup:
  - a. OFF after resetting the MASTER PC, POWER ON SCAN will search and switch to the PC which is power on directly.
  - b. ON After resetting MASTER PC, POWER ON SCAN will activate the AUTO SCAN Function, the operation step is same as above step 4.
- F. SCAN TIME setup:  
Same as {4-E}Table(1).
- G. HOT-KEY setup:  
Two choices - <SCROLL> and <L-CTRL>.
- H. BUZZER setup:
  - a. OFF BUZZER is DISABLE while hitting HOT-KEY and front panel push button.
  - b. ON BUZZER is ENABLE while hitting HOT-KEY and front panel push button.
- I. BACKGROUND COLOR setup:
  - a. OFF No background color
  - b. ON the background color is light -blue

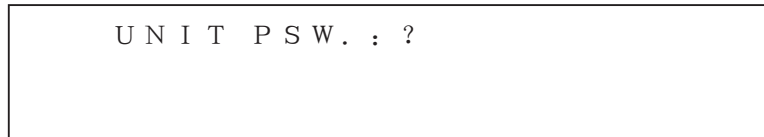
### 9. <F6> key EDIT UNIT/PC PSW

#### A. Password setting: MASTER Password and PC side Password.

##### a. MASTER Password:

Controlling and Editing the MASTER password. When user enters the HOT-KEY mode, hit <F6> to edit password. OSD will ask for the correct password of MASTER (shown as Figure(13)). After entering the correct password, user Are allowed to use the device.

Figure(13)

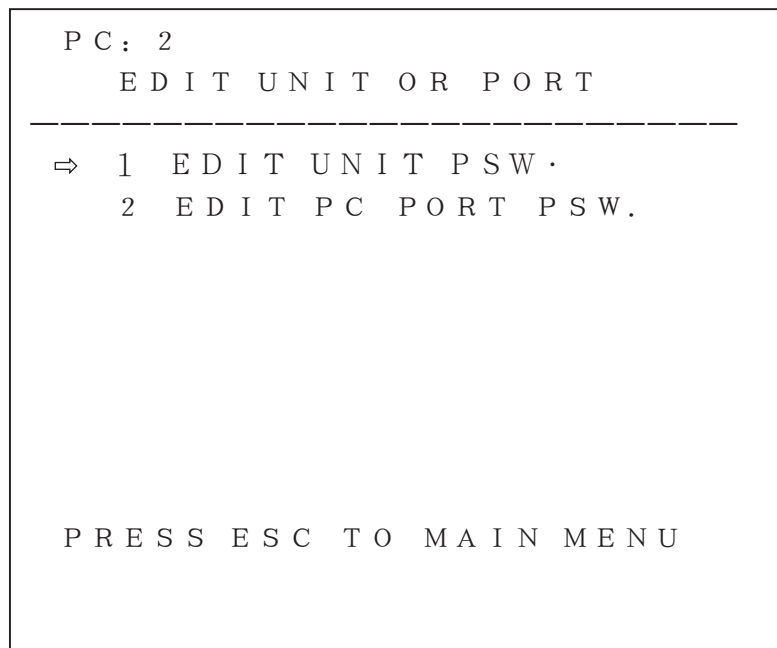


##### b. PC Password:

Controlling the operation of PC side. User will be asked for the password, only when the password id entered correctly will the user be allowed to use this PC. OSD screen shown as Figure (16).

- B. Under MAIN MENU mode: hit <F6> key for password editing and if the MASTER password function has been already set, the OSD will ask for entering the password of MASTER (as Figure(13)). Only when the password is entered correctly will the user be Allowed to use this device, OSD Shown as Figure(14).

Figure(14)




- C. Under MAIN MENU mode: hit <F6> key for password editing. If the password function of MASTER is not set yet (UNIT PSW.) ,you can deit new password directly (OSD screen shown as Figure(14)).
- D. Enter Editing function shown as Figure(14)
- Editing MASTER password (EDIT UNIT PSW.)
  - Editing PC password (EDIT PC PORT PSW.) including editing the PC password of SLAVE.

- E. Select 1 means to EDIT UNIT PSW. : Editing MASTER password, OSD will show as Figure(15), user should type 1-8 characters (valid characters are <A-Z>, <0-9> and <->) as the new password of MASTER and then press <ENTER> as confirmation. User should Keep the new password firmly in mind.

Figure(15)

NEW PSW. : ?
--------------

- F. Select 2 to EDIT PC PORT PSW. : OSD will show as Figure(15). User can use <↓> or <↑> to move  (CURSOR) and press <ENTER> to select PC. The procedure of PC password Edition is same as step 6.

#### 10. Enable Password:

- A. If selected PC has setup the password. OSD will ask for entering the password of the PC, (Shown as Figure (16)). Correct password is required to use the selected PC.

Figure(16)

PC PASSWORD: ?
PC: 1 2 + 5 - PC 1 2 3 4 5

- B. When user enter the wrong password, the OSD will show message "ERROR" (Shown as Figure(17)). User will be asked for re-entering the correct password.

Figure(17)

ERROR
PC: 1 2 + 5 - PC 1 2 3 4 5

- C. Under Figure (16) mode, user can hit HOT-KEY once to enter HOT-KEY MAIN MENU.

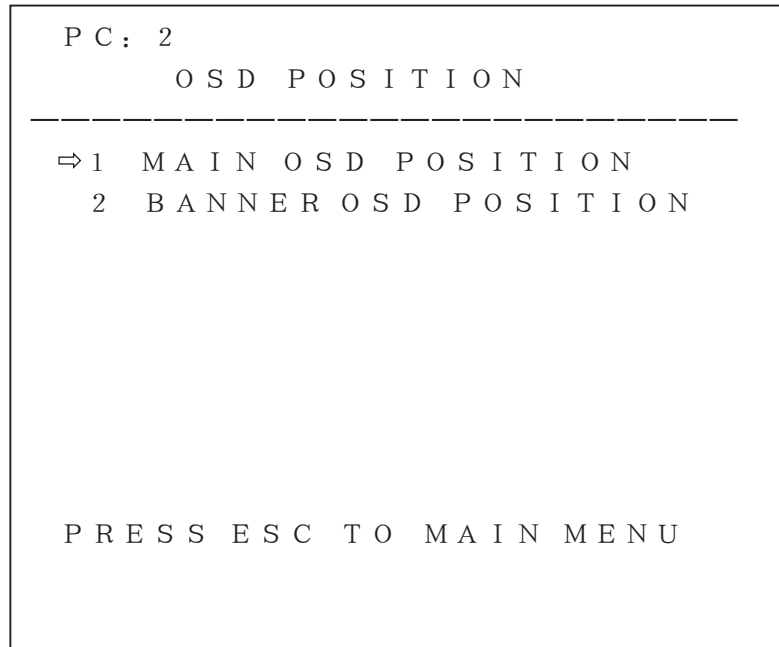
Figure(18)

PC: 2	
PORT PSW. EDIT	STU
<hr/>	
⇒ 1 PSW 1	
2 PSW 2	+
3 PSW 3	+8
4 PSW - 4	
5 PSW - 5 5 5 5	+
6 PSW 6	
7 PSW 7	+8
8 PSW 8	
PRESS ESC TO MAIN MENU	

# 11. <F7> enter OSD position adjustable function

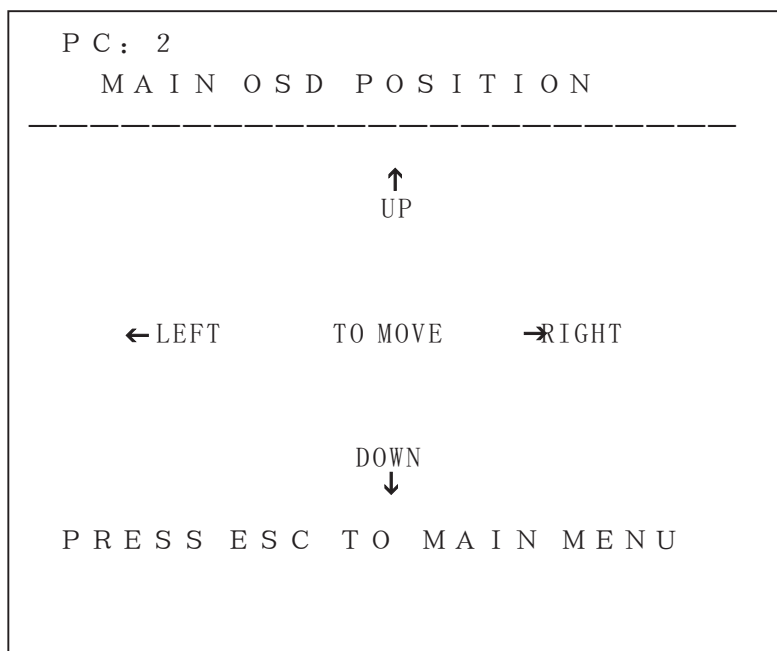
- A. There are 2 kinds of OSD screen display adjustable, please refer to Figure(19). One is to adjust MAIN OSD POSITION. The other is to adjust BANNER OSD POSITION.

Figure(19)



- B. After selecting the choice 1, the screen will enter into MAIN OSD POSITION, please refer to Figure(20). By then, the user can adjust MAIN OSD POSITION by hitting <↓>/<↑>/<←>/<→> key.

Figure(20)



- C. When selecting the choice 2, the screen will enter into BANNER OSD POSITION, please refer to Figure(21). By then, the user can adjust BANNER OSD POSITION by hitting <↓>/<↑>/<←>/<→> key.

Figure(21)



- D. If the user would like to go back to the original setting position, please press<Home> key

## 12. Hit <F8>key to enter the screen display HELP

This displays the contact information about the manufacturer. The user can find instant technical support if the user met some usage difficulty. When the text is over one page, the User can hit <↓>/<↑> to select the page needed.

## SECTION 4 INSTALLATION

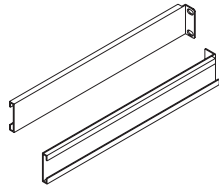
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### 4.1 Preparation for installing the Console into the Cabinet

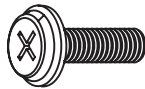
- I. Make sure that all the accessories are present according to the list.
- II. Make sure that the main console unit is not damaged.
- III. Make sure that equipment is powered off.
- IV. For standard rack-mounts, the shorter brackets are required.

### 4.2 Hardware Kit Content

- I. Back rail for 17.72"(450mm)~31.5"(800mm) mounting range.

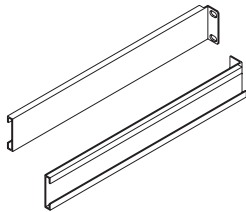
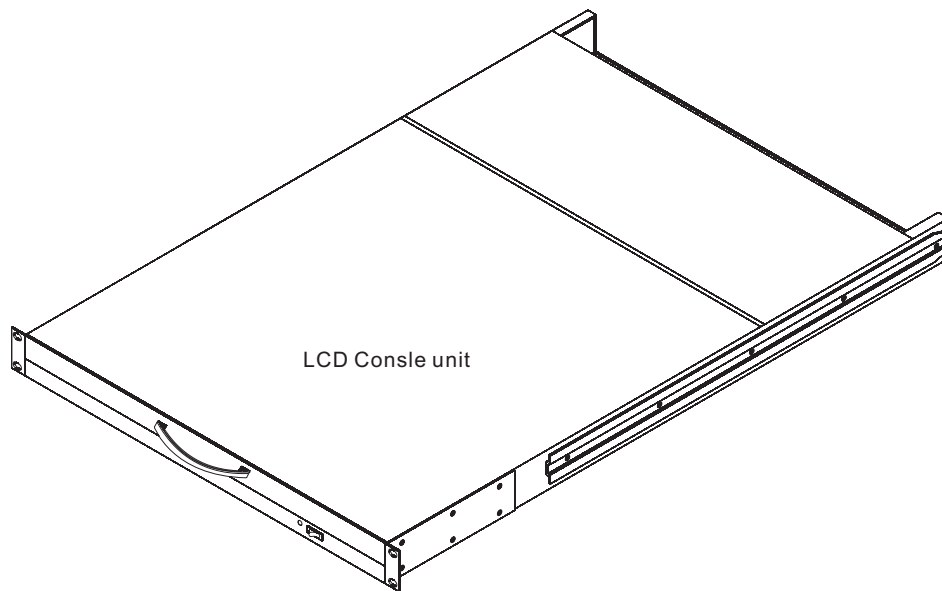


- III. Philips screws x 8(For mounting rail to Console unit)



#### 4.3 Installation for the Console equipped into the Cabinet

I. Well prepare the below items and accessories. (see below pictures)



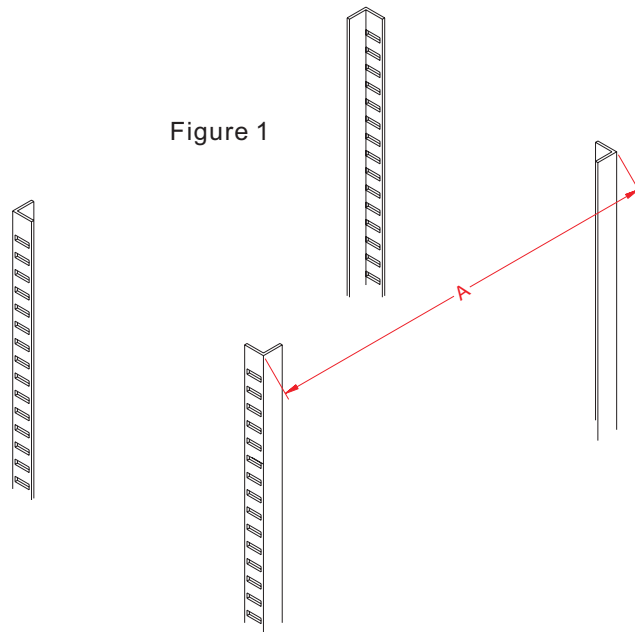
Back rail for 17.72"(450mm )  
~ 31.5"(800mm) mounting range.



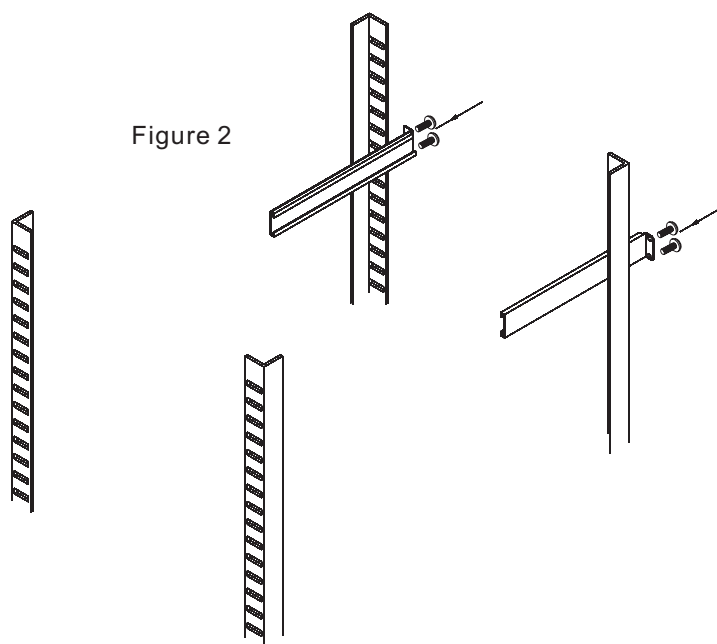
Philips screws

II. Measure the length of A . See figure 1.

III. If the length of  $A + 0.14"$  (3.5mm) is between 17.72" (450mm) ~ 31.5" (800mm) , then get the short support ear. If the length of  $A + 0.14"$  (3.5mm) is over 31.5" (800mm), please use the long support rear for Installation.



IV. Screw the back rail which would be fixed with LCD console unit to the proper Position of the rackrail of the cabinet. See figure 2





- V. Install the LCD console by inserting the guide of the unit( both side of LCD console unit) into the 2 back rails. And push the console to the end of back and screw the front rail to the proper position of the rackrail of the cabinet. See Figure 3

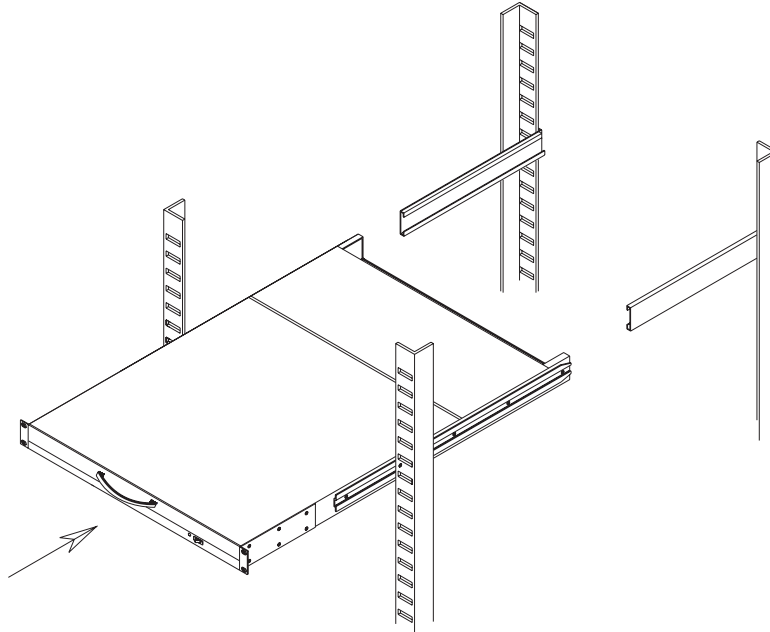
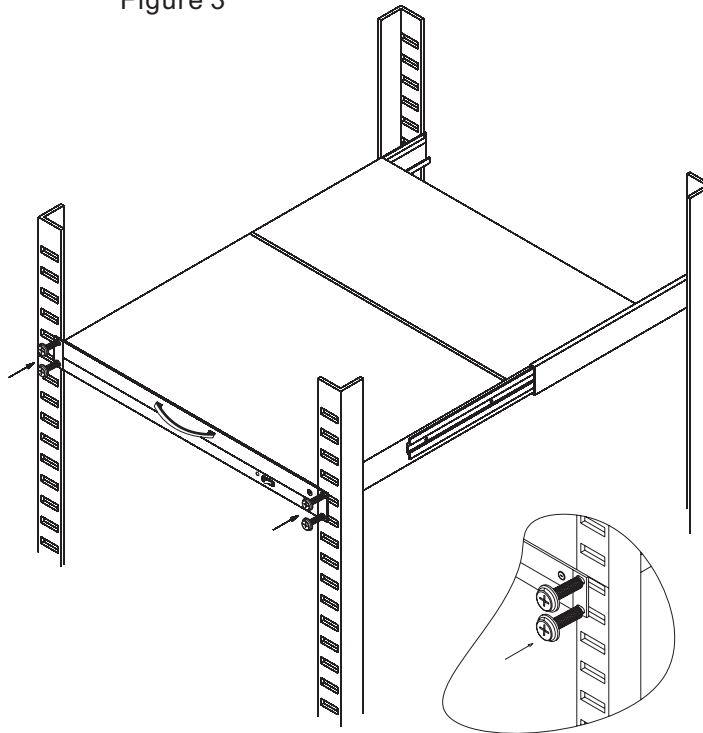


Figure 3



VI. Finish installation by connecting cables and power cord. See figure 4.

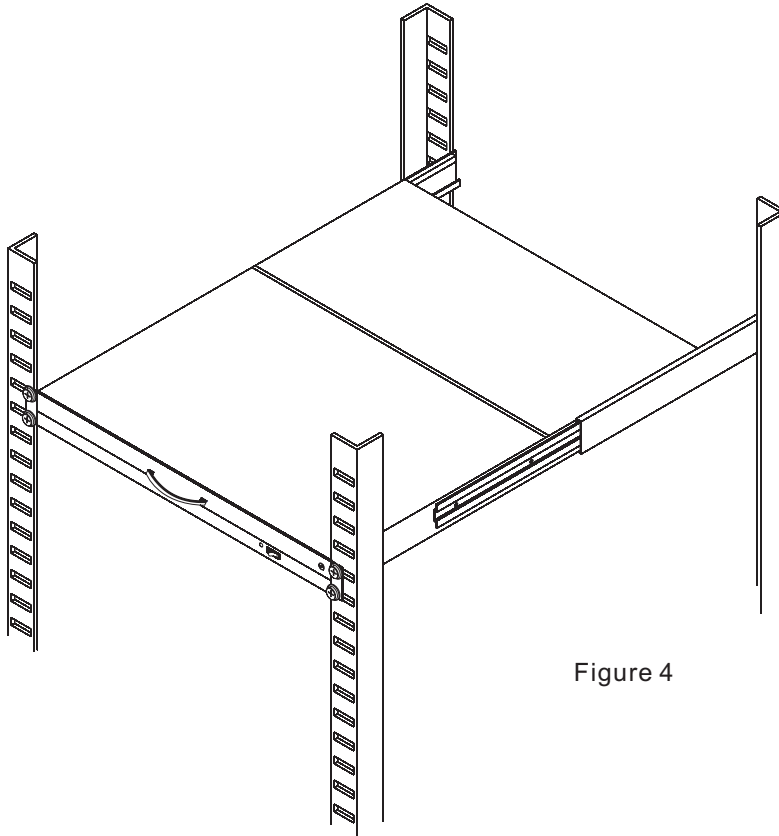


Figure 4

