

User Manual 1U 17" FHD LCD Console Drawer

RM-F17USD-801X

1080p
Full HD

1920 x 1080 native resolution



FC CE  REACH

751

Legal Information

First English printing, January 2018

Information in this document has been carefully checked for accuracy; however, no guarantee is given to the correctness of the contents. The information in this document is subject to change without notice. We are not liable for any injury or loss that results from the use of this equipment.

Safety Instructions

Please read all of these instructions carefully before you use the device. Save this manual for future reference.

- Unplug equipment before cleaning. Don't use liquid or spray detergent; use a moist cloth.
- Keep equipment away from excessive humidity and heat. Preferably, keep it in an air-conditioned environment with temperatures not exceeding 40° Celsius (104° Fahrenheit).
- When installing, place the equipment on a sturdy, level surface to prevent it from accidentally falling and causing damage to other equipment or injury to persons nearby.
- When the equipment is in an open position, do not cover, block or in any way obstruct the gap between it and the power supply. Proper air convection is necessary to keep it from overheating.
- Arrange the equipment's power cord in such a way that others won't trip or fall over it.
- If you are using a power cord that didn't ship with the equipment, ensure that it is rated for the voltage and current labeled on the equipment's electrical ratings label. The voltage rating on the cord should be higher than the one listed on the equipment's ratings label.
- Observe all precautions and warnings attached to the equipment.
- If you don't intend on using the equipment for a long time, disconnect it from the power outlet to prevent being damaged by transient over-voltage.
- Keep all liquids away from the equipment to minimize the risk of accidental spillage. Liquid spilled on to the power supply or on other hardware may cause damage, fire or electrical shock.
- Only qualified service personnel should open the chassis. Opening it yourself could damage the equipment and invalidate its warranty.
- If any part of the equipment becomes damaged or stops functioning, have it checked by qualified service personnel.

What the warranty does not cover

- Any product, on which the serial number has been defaced, modified or removed.
- Damage, deterioration or malfunction resulting from:
 - Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
 - Repair or attempted repair by anyone not authorized by us.
 - Any damage of the product due to shipment.
 - Removal or installation of the product.
 - Causes external to the product, such as electric power fluctuation or failure.
 - Use of supplies or parts not meeting our specifications.
 - Normal wear and tear.
 - Any other causes which does not relate to a product defect.
- Removal, installation, and set-up service charges.

Regulatory Notices Federal Communications Commission (FCC)

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.

Any changes or modifications made to this equipment may void the user's authority to operate this equipment. 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:

- Re-position 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.

Before Installation

- It is very important to mount the equipment in a suitable cabinet or on a stable surface.
- Make sure the place has a good ventilation, is out of direct sunlight, away from sources of excessive dust, dirt, heat, water, moisture and vibration.

Unpacking

The equipment comes with the standard parts shown in package content. Check and make sure they are included and in good condition. If anything is missing, or damaged, contact the supplier immediately.

How To Clean Your LCD Monitor



Caution :

- To avoid the risk of electric shock, make sure your hands are dry before unplugging your monitor from or plugging your monitor into an electrical outlet.
- When you clean your monitor, do not press down on the LCD screen. Pressing down on the screen can scratch or damage your display. Pressure damage is not covered under warranty.
- Use only cleansers made specifically for cleaning monitors and monitor screens. Cleansers not made to clean monitors and monitor screens can scratch the LCD display or strip off the finish.
- Do not spray any kind of liquid directly onto the screen or case of your monitor. Spraying liquids directly onto the screen or case can cause damage which is not covered under warranty.
- Do not use paper towels or abrasive pads to clean your monitor. Using an abrasive pad or any wood based paper product such as paper towels can scratch your LCD screen.

Cleaning Your Monitor

To clean your LCD safely, please follow these steps :

- ① Disconnect the power cord.
- ② Gently wipe the surface using a clean, dry microfiber cloth. Use as little pressure as possible.

Cleaning Tough Marks and Smudges

To remove tough marks and smudges, please follow these steps :

- ① Disconnect the power cord.
- ② Spray a small amount of non-abrasive cleanser on a microfiber cloth.



Caution : Do not spray or apply any liquids directly onto the monitor. Always apply the solution to your microfiber cloth first, not directly on the parts you are cleaning.

- ③ Gently wipe the surface. Use as little pressure as possible.
- ④ Wait until your monitor is completely dry before plugging it in and powering it up.

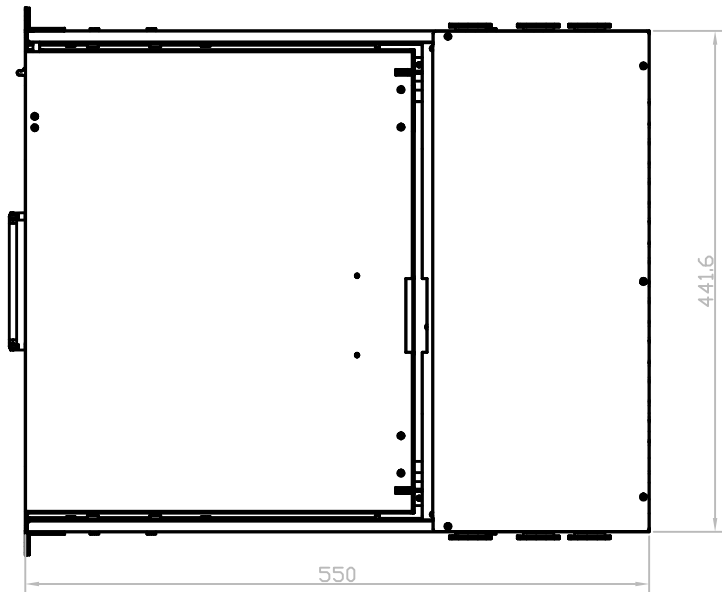
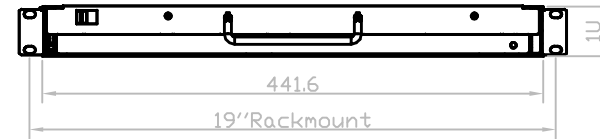
RM-F17USD-801X

30 Nov 2021

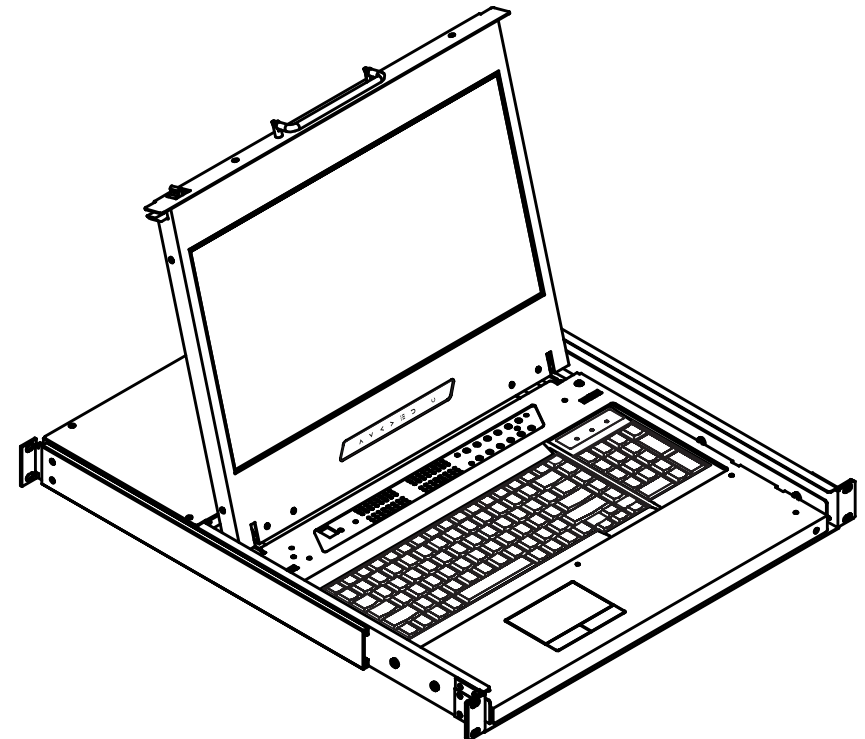
Left-side View



Front View



Top View



unit : mm

< 2.1 > Product Specifications

LCD Panel	RM-F17USD!, \$%L	
	Native Resolution	1920 x 1080
	Panel Size (diagonal)	17.3"
	Brightness (cd/m ²)	400
	Contrast Ratio (typ.)	600:1
	Colors	16.7 M, 8-bit
	Viewing Angle (L/R/U/D)	80/80/60/80
	Response Time (ms)	40
	Dot pitch (mm)	0.1989
	Display Area (mm)	381.888H x 214.812V
	Surface treatment	Anti-glare, Hard-coating
	Surface hardness	3H
	Backlight Type	LED
	MTBF (hrs)	50,000

Video	Digital	HDMI	HDMI 1.3 / HDCP 1.3
		DVI-D	DVI-D, TMDS single link
	Analog	VGA	Analog 0.7Vp-p
		Composite (BNC)	NTSC & PAL
		S-Video (4-pin)	NTSC & PAL
	Plug & Play	DVI / VGA	VESA EDID structure 1.3
	Synchronization	VGA	Separate, Composite & SOG

Power	Power Supply	Range	Auto-sensing 100 to 240VAC, 50 / 60Hz
		Power Consumption for Single Console	Screen ON
	Power saving mode		Max. 4W
	Power button OFF		Max. 1W
	Power Consumption with KVM integration	Screen ON	Max. 55W
		Power saving mode	Max. 34W

*For details, please refer to our KVM rear kit user manuals

Compliance	EMC	FCC & CE certif ed
	Safety	CE / LVD certif ed
	Environment	RoHS2 & REACH compliant

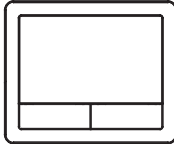
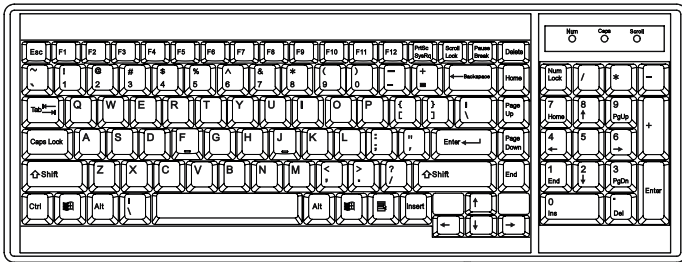
Environmental Conditions	Operating	Temperature	0 to 55°C degree
		Humidity	20~90%, non-condensing
		Altitude	16,000 ft
	Storage / Non-operating	Temperature	-20 to 60°C degree
		Humidity	5~90%, non-condensing
		Altitude	40,000 ft
		Shock	10G acceleration (11ms duration)
		Vibration	5~500Hz 1G RMS random

Applicable Format	DVI-D / VGA Input	PC Signal	1920 x 1080 x 60Hz	
			1360 x 768 x 60Hz	
			1280 x 1024 x 60 / 75Hz	
			1280 x 960 x 60Hz	
			1280 x 768 x 60 / 75Hz	
			1152 x 864 x 75Hz	
			1024 x 768 x 60 / 70 / 75Hz	
			848 x 480 x 60Hz	
			800 x 600 x 60 / 72 / 75Hz	
			720 x 400 x 70Hz	
			640 x 480 x 60 / 72 / 75Hz	
			640 x 400 x 70Hz	
			640 x 350 x 70Hz	
	Audio Signal	2ch Linear PCM		
	HDMI Input	PC Signal	Same as VGA	
			HDMI 1.3	1920 x 1080 x 50 / 60Hz (1080p)
				1920 x 1080 x 25 / 30Hz (1080i)
			1280 x 720 x 50 / 60Hz (720p)	
		720 x 480 x 50 / 60Hz (576p / 480p)		
Audio Signal	2ch Linear PCM			

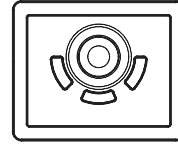
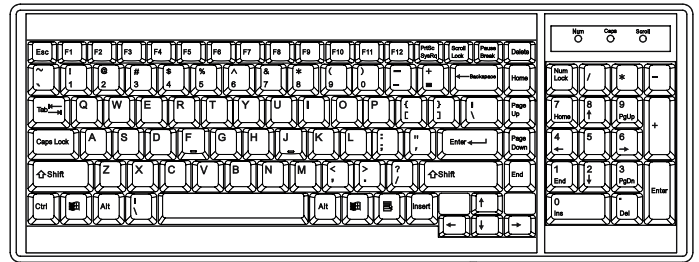
Physical Specification		RM-F17USD801	
	Product (W x D x H)	442 x 550 x 44 mm 17.4 x 21.7 x 1.73 inch	
	Packing (W x D x H)	590 x 768 x 140 mm 23.2 x 30.2 x 5.5 inch	
	Net Weight	11.6 kg / 25.5 lb	
	Gross Weight	17.5 kg / 38.5 lb	

< 2.2 > Standard Keyboard / Mouse Specifications

tp tp keyboard integrated with touchpad



tb tb keyboard integrated with trackball



Key force	55 ± 5g
Travelling distance	3 ± 0.3mm
Switch life	> 10 million life cycle time
OS support	Windows / Linux / Unix / Mac OS

Supporting layouts

America



United States



United Kingdom



Germany



France



Spain

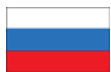


Norway

EMEA



Italy



Russia



Switzerland



Netherlands



Portugal

Asia



China



Japan



Korea



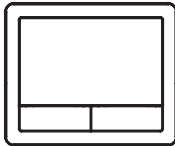
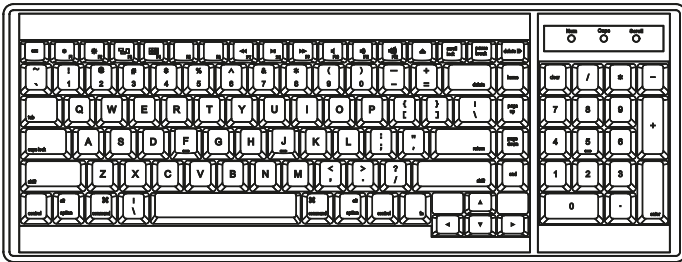
Arabia



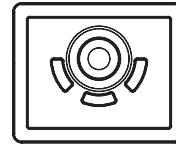
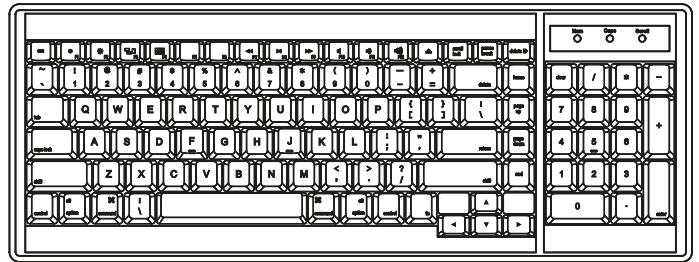
Turkey

< 2.2 > MAC Keyboard / Mouse Options

Me MAC keyboard integrated with touchpad



Mb MAC keyboard integrated with trackball

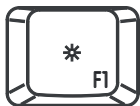


Supporting layouts

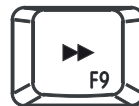
America 
United States

How to Use "MAC" Keyboard

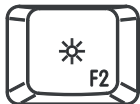
Keyboard Features



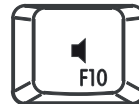
F1
Decrease display brightness



F9
Fast-forward



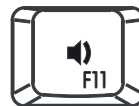
F2
Increase display brightness



F10
Mute sound



F3
Mission control
* Only works with OS X Lion
default Keyboard Shortcuts.



F11
Decrease volume



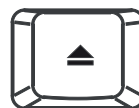
F4
Dashboard



F12
Increase volume



F7
Rewind



Eject disc



F8
Play / Pause



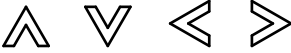



Command


< 2.3 > On-screen Display Operation (OSD)



RM-F17USD-801X



Membrane Switch	Function
	Turn the monitor on or off
	Display the OSD menu (Select VGA or DVI Input Confirmed in RED) Act as an Enter key to select screen setting options
	Scroll through menu options and adjust the displayed control
	Exit the OSD screen Go back to the previous on-screen sub-menu or main menu

Remark : All LED touch buttons in **WHITE** light.

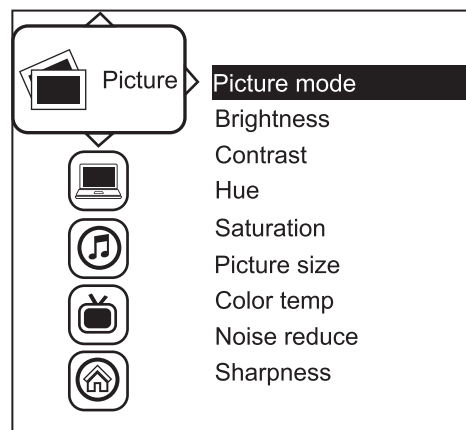
The LED of **Power**  touch button will flash continuously when there is no signal input.

- ① All the LED touch buttons will automatically turn off after 10 minutes of idle status (except the **Power** ).
- ② Light up all membrane buttons, please press any button for 1 - 2 seconds (except the **Power** ).

< 2.3 > On-screen Display Operation (OSD)

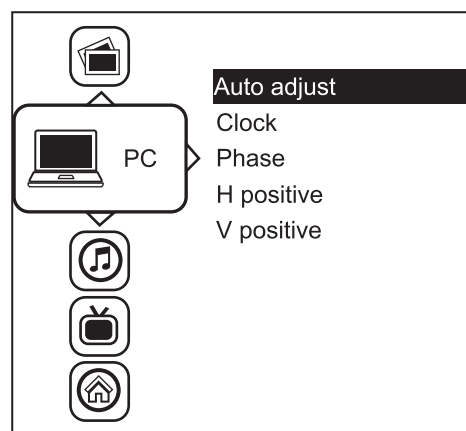
① Picture

Picture mode :	Standard / Vivid / Soft / User mode to choose
Brightness :	Adjust background black level of the screen image
Contrast :	Adjust the difference between the image background (black level) and the foreground (white level)
Hue:	Adjust the screen hue value
Saturation :	Adjust the saturation of the image color
Picture size :	Adjust the image size
Color temp :	Standard / Cool / Warm / User to choose
Noise reduce :	Reduce the noise of the image
Sharpness :	Adjust the image from weak to sharp



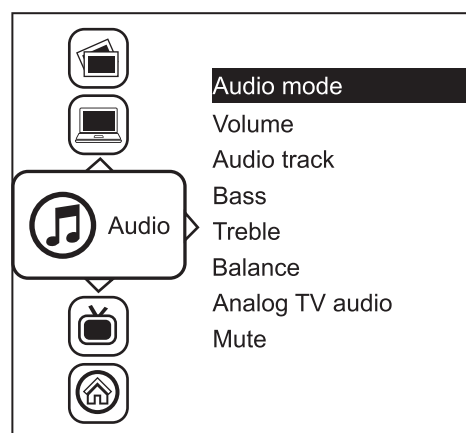
② PC

Auto adjust :	Automatically adjust sizes, centers and fine tunes the video signal to eliminate waviness and distortion.
Clock :	Adjust the clock value
Phase :	Adjust the phase value
H. Position :	Align the screen image left or right
V. Position :	Align the screen image up or down



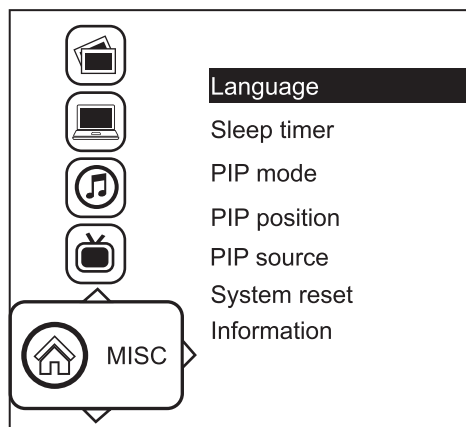
③ Audio

Audio mode :	Movie / Voice / Normal / Music mode to choose
Volume :	Adjust the volume of sound
Bass :	Set the value of bass sound
Treble :	Set the value of treble sound
Balance :	Set the balance value of treble and bass sound
Analog TV audio :	Set the value of analog TV audio sound
Mute :	Turn off the surrounding sound

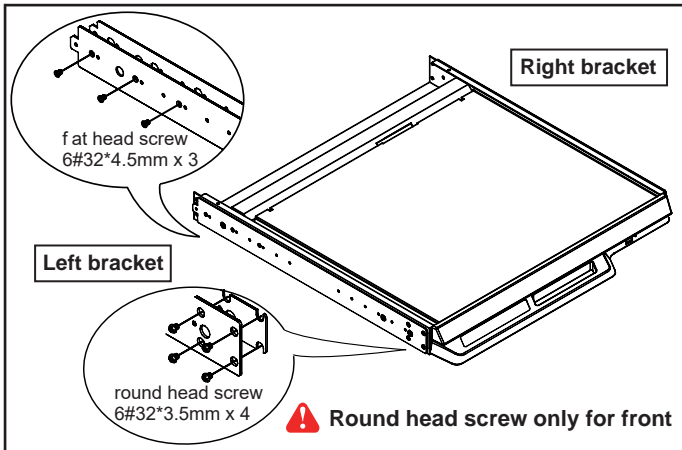


④ MISC

Language :	Select the language in which the OSD menu is displayed - English
Sleep timer :	Set the off time
PIP mode :	Adjust picture in picture setting
PIP position :	Enter into PIP position
PIP source :	Enter into the Sub source and sound source
System reset :	Return the adjustment back to factory setting
Information :	Select for Help

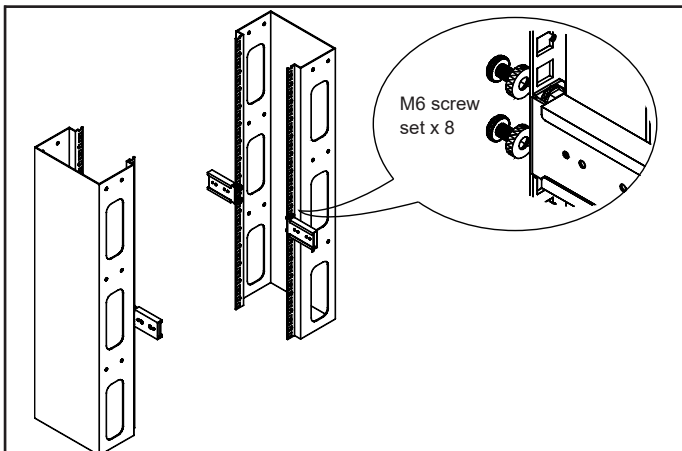


< 3.5 > Options : **ORB-2.1** 2-Post Rack Mounting Brackets



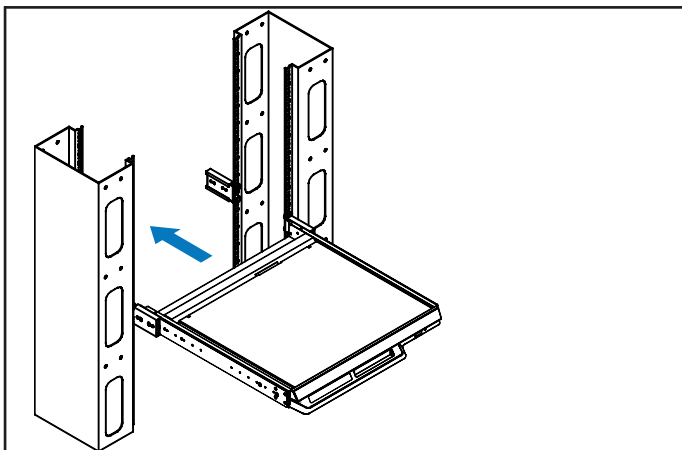
Step 1

- Before apply 2-post rack brackets, please release front mounting ears and rear mounting wheels.
- Attach **left and right mounting brackets** to the drawer with the screws below :
6#32*3.5 mm screw x 8 (only for front)
6#32*4.5 mm screw x 6 (only for rear)



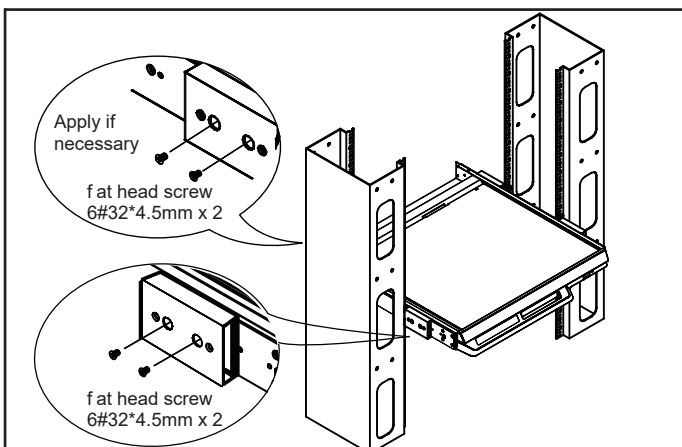
Step 2

- Attach the set of 4 mini brackets to the 2-post rack.
- M6 screw set is not provided.



Step 3

- Insert the drawer into the mini brackets.



Step 4

- Fix the LCD console drawer to the mini brackets with 6#32*4.5 mm screw x 8.
- Installation completed



**This step is necessary for front.
Failure to complete this will cause damage.**

The company reserves the right to modify product specifications without prior notice and assumes no responsibility for any error which may appear in this publication.

All brand names, logo and registered trademarks are properties of their respective owners.