

MKD6217D

17.3" 1920 x 1080 LCD Keyboard Drawer
104-Key Keyboard with Touchpad
8-Port VGA DB-15 KVM Switch

Rack Consoles

User Manual

Legal Information

First English printing, February 2020

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, wate , lightning, or other acts of nature, unauthorized product modification, o 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

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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.

< Part 1 > MKD6217D

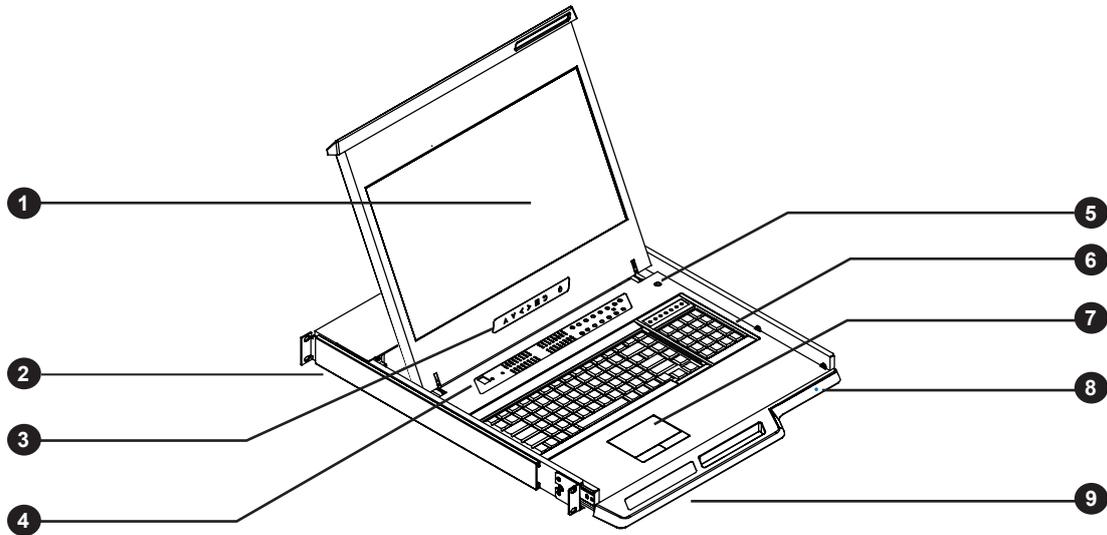
< 1.1 > Package Content



MKD6217D unit X 1

- 6ft VGA console cable X 1
- Power cord X 1
- M6 screw, cage nut & cup washer X 8

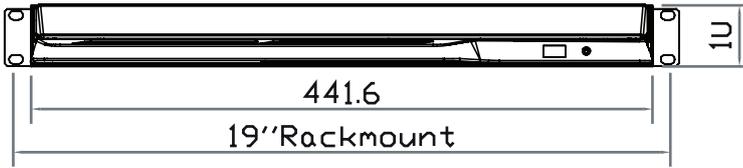
< 1.2 > Structure Diagram



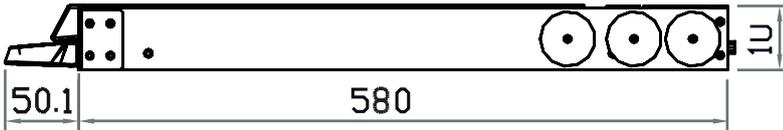
- | | |
|--|---------------------------------------|
| ① LCD interchangeable module kit | ⑥ Keyboard interchangeable module kit |
| ② Installation Slides | ⑦ Mouse interchangeable module kit |
| ③ LCD membrane  | ⑧ Blue Power LED |
| ④ Membrane switch (KVM option) | ⑨ Molded front handle |
| ⑤ Micro switch for screen auto power off | |

< 1.2 > Dimension

Front View

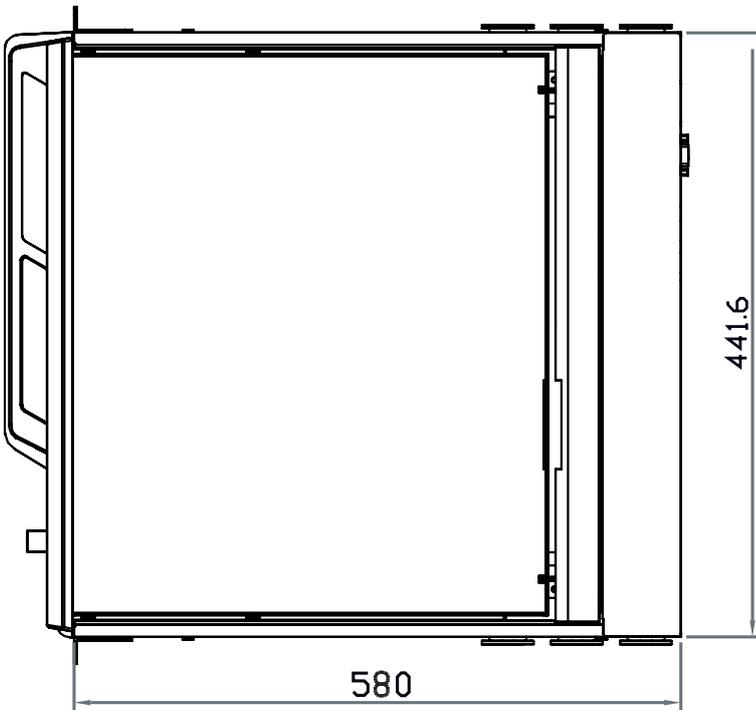


Side View



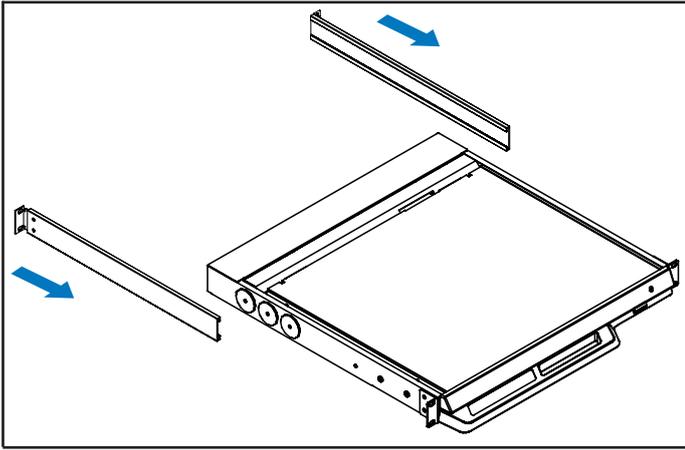
UNIT : mm
1mm = 0.03937 inch

Top View



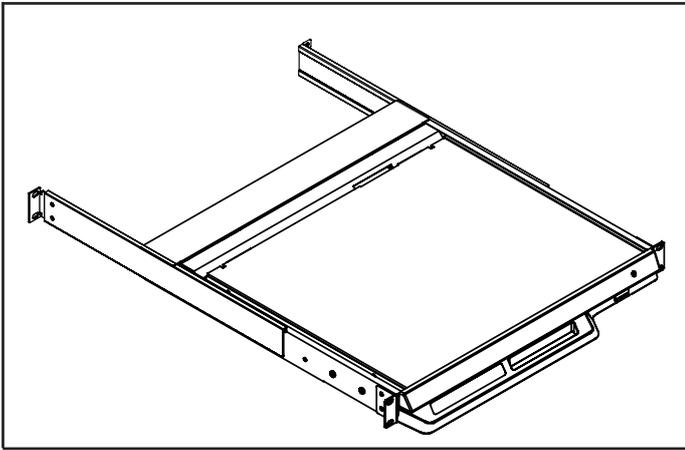
Model	Product Dimension (W x D x H)	Packing Dimension (W x D x H)	Net Weight	Gross Weight
MKD6217D	441.6 x 580 x 44 mm 17.4 x 22.8 x 1.73"	590 x 808 x 140 mm 23.2 x 31.8 x 5.5 inch	11.6 kg 25.5 lb	17.5 kg 38.5 lb

< 1.3 > Installation - Installation Slides



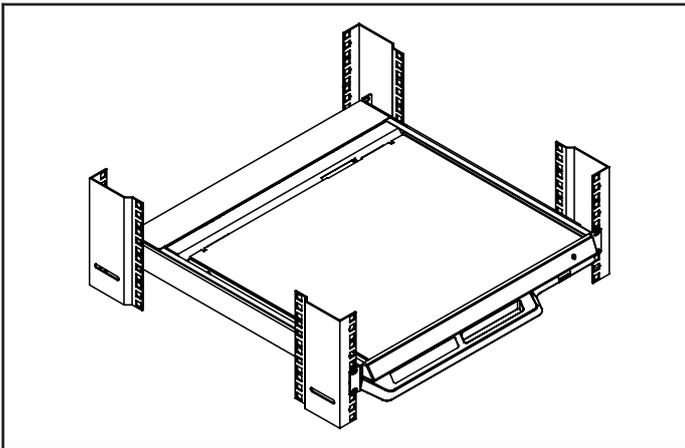
Step 1

- Insert the left and right rear mounting brackets into the LCD console drawer.



Step 2

- Measure the depth of the front and rear mounting rails.
- Align each rear mounting bracket to a suitable length.



Step 3

Complete the installation

- Fix the LCD console drawer into the rack.

 M6 screw, cage nut & cup washer x 8 are provided.

< 1.3 > Installation - How to use the drawer



- Hold the handle and slide out the drawer.



- Flip up the LCD to a suitable angle.



- Operate the LCD console drawer.

< Part 2 > Specifications / OSD

< 2.1 > Product Specifications

LCD Panel	Panel Size (diagonal)	17.3"
	Native Resolution	1920 x 1080
	Brightness (cd/m ²)	300
	Contrast Ratio (typ.)	1000:1
	Colors	16.7 M, 8-bit
	Viewing Angle (L/R/U/D)	80/80/60/80
	Response Time (ms)	5.5
	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)	15,000

Video Connectivity	Analog	VGA	Analog 0.7Vp-p
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Power	Power Supply	Range	Auto-sensing 100 to 240VAC, 50 / 60Hz
	Power Consumption with KVM integration	Screen ON	Max. 45W
		Power saving mode	Max. 34W

Compliance	EMC	FCC & CE certified
	Safety	CE / LVD certified
	Environment	RoHS3 & REACH compliant

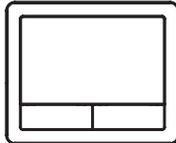
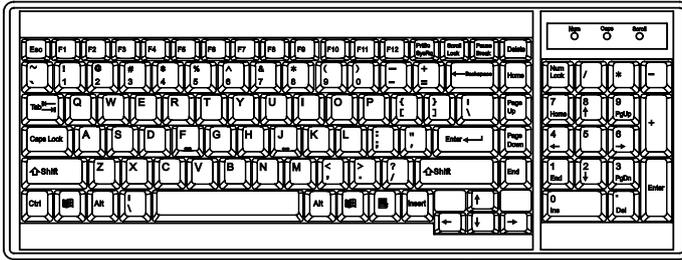
Environmental Conditions	Operating	Temperature	0 to 55°C degree
		Humidity	20~90%, non-condensing
		Altitude	16,000 ft
	Storage / Non-operating	Temperature	-20 to 60°C degree
		Humidity	5~90%, non-condensing
		Altitude	40,000 ft
		Shock	10G acceleration (11ms duration)
		Vibration	10~300Hz 0.5G RMS random

Physical Specification	Product (W x D x H)	441.6 x 580 x 44 mm 17.4 x 22.8 x 1.73"
	Packing (W x D x H)	590 x 808 x 140 mm 23.2 x 31.8 x 5.5 inch
	Net Weight	11.6 kg / 25.5 lb
	Gross Weight	17.5 kg / 38.5 lb

Applicable Format	VGA Input	PC Signal	1920 x 1080 x 60Hz
			1680 x 1050 x 60Hz
			1440 x 900 x 60Hz
			1360 x 768 x 60Hz
			1280 x 1024 x 60Hz
			1280 x 768 x 60Hz
			1280 x 720 x 60Hz
			1152 x 864 x 60Hz
			1024 x 768 x 60Hz
			800 x 600 x 60Hz
640 x 480 x 60Hz			

< 2.2 > Standard Keyboard / Mouse Specifications

Ge G keyboard integrated with touchpad



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

EMEA



United Kingdom



Germany



France



Spain

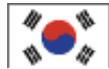


Italy

Asia



Japan



Korea

< 2.3 > On-screen Display Operation (OSD)



Membrane Switch	Function
	Turn the monitor on or off
	Display the OSD menu 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)

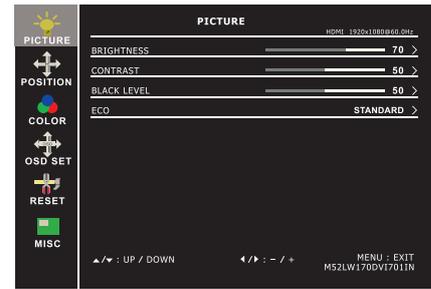
① Picture

Brightness : Adjust the screen brightness

Contrast : Adjust the difference between the image background (black level) and the foreground (white level)

Black level : Adjust background black level of the screen

Eco : Screen in power saving mode



② Position

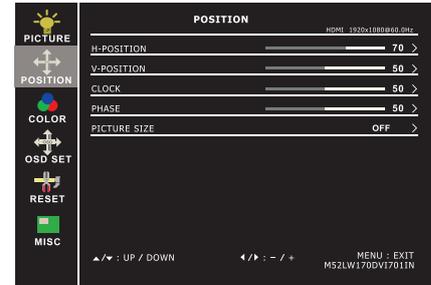
H-Position : To adjust the horizontal position of the video

V-Position : To adjust the vertical position of the video

Clock : To auto adjust H. Size of the screen

Phase : To fine tune the screen

Picture size : FULL SCREEEN / 4:3 / 5:4 / 16:10



③ Color

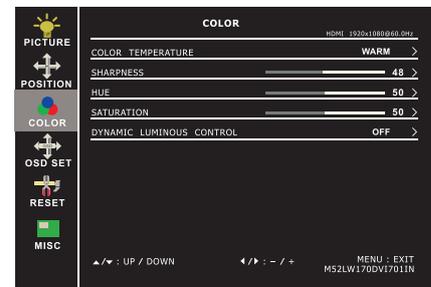
Color temperature: User / Warm / Cool / 5400k mode and Red / Green / Blue color balance

Sharpness : Adjust the image from weak to sharp

Hue : Adjust the screen hue value

Saturation : Adjust the saturation of the image color

Dynamic luminous control : Control the dynamic brightness



④ OSD Set

Language : Select the language in which the OSD menu is displayed - English

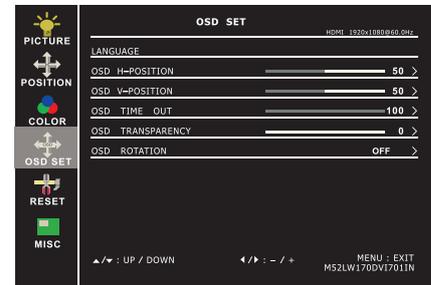
OSD H-Position : Align the screen image left or right

OSD V-Position : Align the screen image up or down

OSD time out : Adjust the screen timeout

OSD transparency : Adjust the screen transparency

OSD rotation : Rotate the screen - 90° / 180° / 270°



⑤ Reset

Reset : Return the adjustment back to factory setting



⑥ MISC

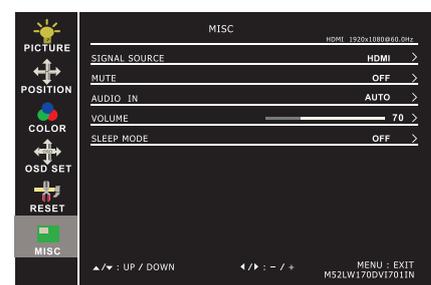
Signal source : Select the signal source - DP / HDMI1 / HDMI2

Mute : Turn off the surrounding sound

Audio in : Auto / Line in / DP

Volume : Adjust the volume of sound

Sleep mode : Set the off time - 10 min / 20 min / 30 min / 50 min / 60 min / 120 min / 240 min



< Part 3 > KVM Integration

< 3.1 > VGA DB-15 KVM Switch

https://acnodes.com/files/downloads/Integrated_VGA_KVM_Switch-UM.pdf

DB-15 Combo KVM		Local	Remote		8-port	16-port	32-port
		1	0	1	KP802	KP1602	-
		1	1	0	KV802	KV1602	-
		1	0	0	KVS801	KVS1601	-