PMCL600K Series Video Surveillance Monitors

43", 49", 55", 65" 4K UHD LED MONITOR

Models:

PMCL643K	**43-INCH 4K UHD LED MONITOR**
PMCL649K	**49-INCH 4K UHD LED MONITOR**
PMCL655K	**55-INCH 4K UHD LED MONITOR**
PMCL665K	**65-INCH 4K UHD LED MONITOR**

C6625M

Important Notices Statement

For information about Pelco's product-specific important notices and thereto related information, refer to www.pelco.com/legal.

REGULATORY NOTICES

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RADIO AND TELEVISION INTERFERENCE

This equipment has been tested and found to comply with the limits of 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. 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 the 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:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and the receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

You may also find helpful the following booklet, prepared by the FCC: "How to Identify and Resolve Radio-TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington D.C. 20402.

Changes and modifications not expressly approved by the manufacturer or registrant of this equipment can void your authority to operate this equipment under Federal Communications Commission's rules.

CAN ICES-3 (B)/NMB-3(B)

Korean Class B EMC

이 기기는 가정용 (B 급) 전자파 적합기기 로서 주로 가정에서 사용하는
것을 목적으로 하며 , 모든 지역에서 사용할 수 있습니다 .

Warranty Statement

For information about Pelco's product warranty and thereto related information, refer to www.pelco.com/warranty.

UL SAFETY NOTICES

The product shall be installed by a qualified service person and the installation shall conform to all local codes.

Important Information

SAFETY WARNING

To use the product safely, correctly, and to keep users from suffering injury or property loss, please observe the following safety precautions when installing, using or maintaining.

Please read this handbook before operating the product and keep the handbook for future reference.

- Notice and observe all the warnings and illustrations.

- Do not adjust, maintain or modify if you do not have appropriate qualifications.

- Do not open or remove the rear cover, box or cover board of the product. Please contact the dealer or after-sales service center when in need of adjustment or maintenance.

- Do not place any items on the product. The product may be damaged if foreign objects enter the internal unit.

- Do not tread on or squeeze the power line, especially the plug or connection point of the power line to the product.

- Do not put the product in flammable or corrosive gaseous environment, which may cause fire or damage the product. Placing the product in proximity to flammable gas can easily result in a dangerous explosion.

- Please turn off power or unplug the power cable immediately if there is smoking, off-odor, or abnormal noise. Contact the after-sales service center for maintenance after confirming there is no more smoke or odor. Further use could result in fire.

- Only qualified service people can maintain. If the product gets any kind of damage, such as damage to the plug, foreign matter or liquid into the unit, exposure to rain or humidity, loss of function, or dropped, please contact dealer or after-sales service center.

- Do not expose the product to rain or chemicals. If the product is moist, allow to fully dry before plugging in or turning on power.

- Turn off the power when cleaning the product.

- Failure to properly secure all screws during installation can result in a fall of the product. Ensure all mounting hardware and other installation accessories are properly secured during installation.

- Do not touch any fixed components inside the product. Failure to do so can result in damage to the product or person.

- Be careful during maintenance of product even if the power is off. Some components are equipped with UPS, and can continue to supply power which is dangerous to people.

NOTES

- Please put the product in a flat, stable and dry place. Avoid direct sunlight, high temperature, humidity, dust, and corrosive gas.

- If the product is installed on the wall, please make sure the wall's load bearing capacity is sufficient. To avoid falling and injuring people, install according to the included instructions with mounting hardware.

- The LCD may experience image distortion or color decay when the temperature variation is too large. Wait for a moment (with power on) and the distortion should disappear.

- Do not block the ventilation opening. Install the product according to this handbook.

- Do not install the product near any heat source such as a radiator, heat register or stove.

- Do not use uncertified connecting lines, which might cause equipment failure.
- Do not press, stretch or heat the connecting lines, which might cause damage to it.
- Please firmly grasp the plug of the connecting line when inserting and removing. Pulling the connecting line might cause damage to it.
- Cut off power and the connecting line immediately and contact the after-sales service center if the product or the connecting line is damaged for some reason. Continued use without maintenance might cause smoking or off-odor.
- Do not hang or lean on the product. Doing so can cause the product to fall or become damaged. It may also cause injury to people. Pay special attention when children are nearby.
- Please turn off power for safety if not using the product for a long time.
- Do not let the connecting line get squeezed, buckled, pulled or twisted.
- Make sure the power is turned off and the connecting lines are removed when moving the product.
- Avoid collisions with the product. This may cause equipment failure.

Product Appearance

（Photos are for reference only）

Performance Features

- Professional commercial display.
- **4K Ultra HD 3840 x 2160 resolution.**
- Low energy consumption, long service life.
- High contrast ratio and high luminance.
- Rapid response times, no trailing image.
- Support HDMI2.0 and DP1.2a, Support PIP and PBP function.
- **4K Ultra HD LCD panel with top-ranking video processing chip.**

External Connections

Please connect the monitor to external devices according to the following I/O interface list. Choose the corresponding incoming signal channel.

Port：
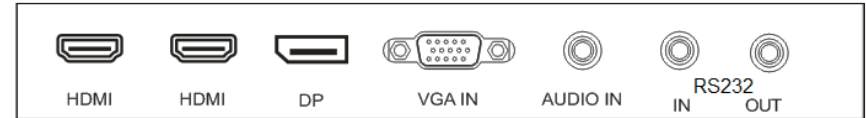
HDMI (x2): HDMI Connector
DP: DisplayPort Connector
VGA IN: D-SUB 15-pin Connector
AUDIO IN: Phone Jack, Stereo
RS232 IN/OUT: EIA-RS-232

⚠ Attention

Please turn off the power of the external device and the product when connecting.

Main Menu

Main Menu

To activate, press the menu button on the bottom left of the **back** bezel. The sub-menus of the main menu are: **Picture, Sound, Option, Screen.**
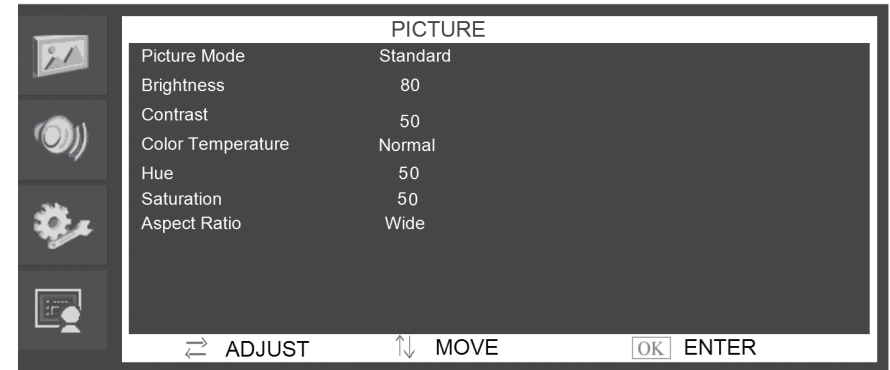
Press the menu button to select the sub-menu item. The selected menu item will show a bordered wireframe. Press the ▲▼ button to move among the secondary menu items of the sub-menu.

(7 Key)

A   B   C   D   E   F   G
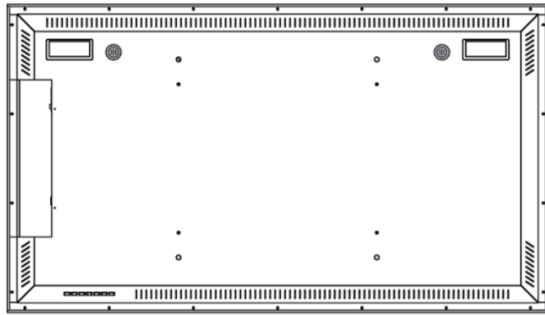
A. "Power" button
   - Press the button to turn on or turn off the display.

B. "Menu" button
   - Press the button to display the OSD main menu.
   - Press the button to Confirm entry menu item.

C. "Upward" button
   - Press the button to move the cursor to the needed function.
   - Press the button to change the selected function in OSD menu item.

D. "Downward" button
   - Press the button to move the cursor to the needed function.
   - Press the button to change the selected function in OSD menu item.

E. "Leftward" button
   - Press the button to move the cursor to the needed function.
   - Press the button to change the selected function in OSD menu item.

F. "Rightward" button
   - Press the button to move the cursor to the needed function.
   - Press the button to change the selected function in OSD menu item.

G. "Source" button
   - Press the button to display all the signal channel menus.
   - Press the button to Exit the OSD menu.

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Picture Menu

Picture menu can set Picture mode, brightness, contrast, color temperature....Press ▲▼ button to adjust value when item is selected.
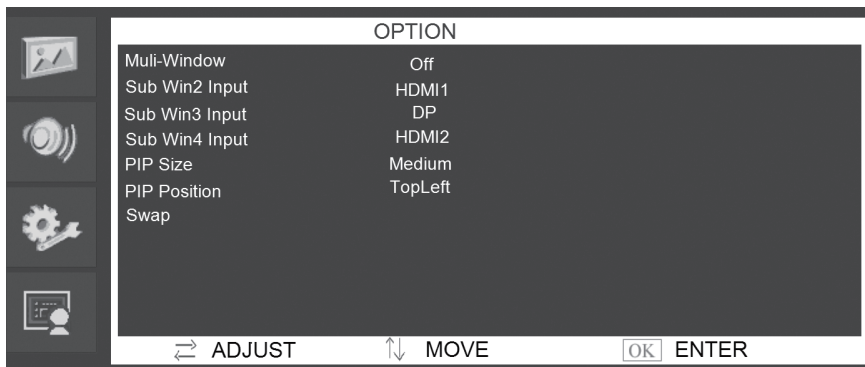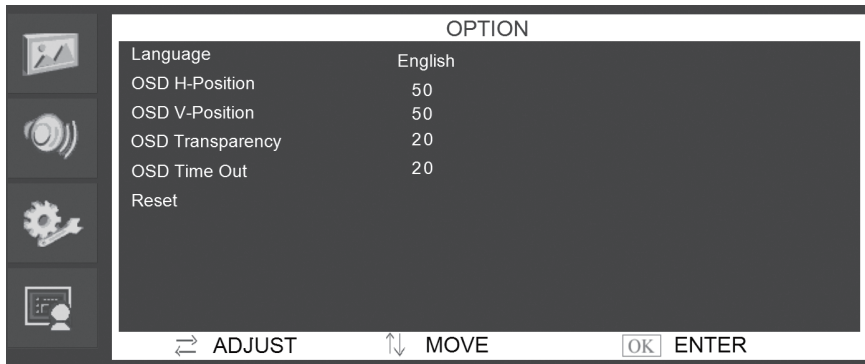

PICTURE

Picture Mode	Standard
Brightness	80
Contrast	50
Color Temperature	Normal
Hue	50
Saturation	50
Aspect Ratio	Wide

⇄ ADJUST   ↕ MOVE   OK ENTER

Sound Menu

Audio menu can set mute and volume. Press ▲▼ button to adjust value when item is selected.

SOUND

Mute	Off
Volume	50

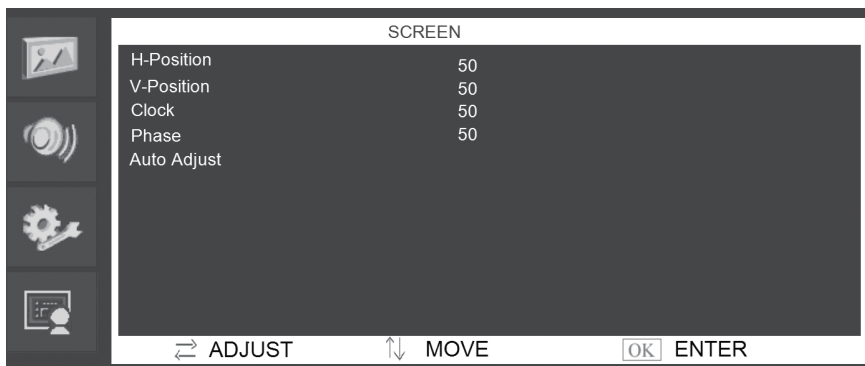⇄ ADJUST   ↕ MOVE   OK ENTER
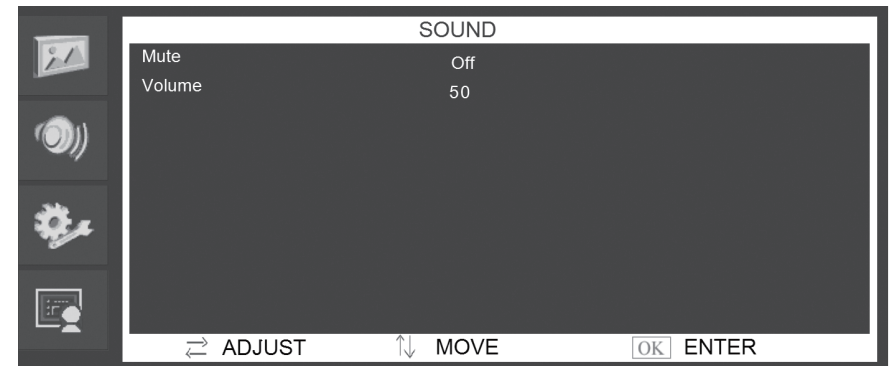
Option Menu

Option menu can adjust OSD language set, reset, OSD position, adjust OSD transparency, and adjust PIP BPB function. Press ▲▼ button to adjust value when item is selected.

7

```
                          OPTION
  [icon]  Language              English
         OSD H-Position        50
  [icon]  OSD V-Position        50
         OSD Transparency      20
  [icon]  OSD Time Out          20
         Reset
  [icon]

         ⇄ ADJUST      ↕ MOVE        OK  ENTER
```

```
                          OPTION
  [icon]  Muli-Window           Off
         Sub Win2 Input        HDMI1
  [icon]  Sub Win3 Input        DP
         Sub Win4 Input        HDMI2
  [icon]  PIP Size              Medium
         PIP Position          TopLeft
         Swap
  [icon]

         ⇄ ADJUST      ↕ MOVE        OK  ENTER
```

Screen Menu

Screen menu can adjust the H-position, V-position, clock, phase and auto adjust the position of the image within the unit. Press ▲▼ button to adjust value when item is selected.

```
                          SCREEN
  [icon]  H-Position            50
         V-Position            50
  [icon]  Clock                 50
         Phase                 50
         Auto Adjust
  [icon]

  [icon]

         ⇄ ADJUST      ↕ MOVE        OK  ENTER
```

Channel Selection

"Source" menu can select channel (input). The options include VGA, DP, HDMI1, and HDMI2. Press ▲▼ button to adjust value when item is selected, press menu button to exit.
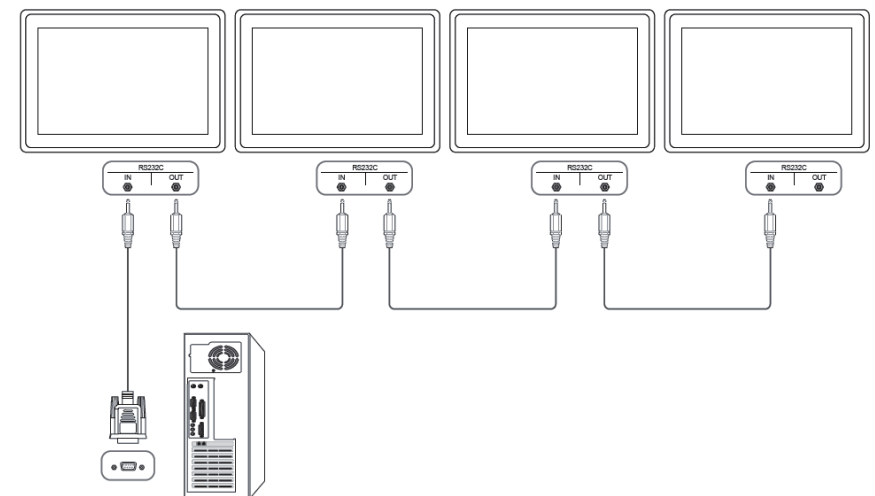
RS232 Command control

RS232 Cable

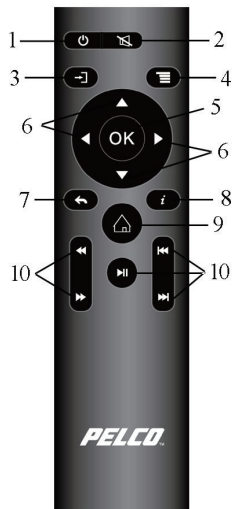Connector: 9-Pin D-Sub to Stereo Cable
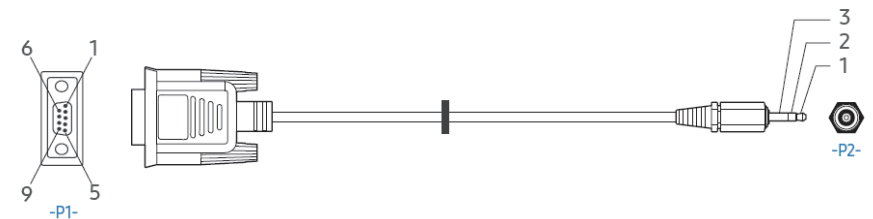
RS232 Connection

RS232 Command

Item	Function	Command(HEX)
1	POWER	69 76 20
2	MENU	69 73 23
3	SROURCE	69 75 21
4	UP	69 63 33
5	DOWN	69 83 13
6	LEFT	69 72 24
7	RIGHT	69 74 22
8	EXET	69 77 1F
9	INFO	69 81 15
10	VOL +	69 74 22
11	VOL -	69 72 24
12	MUTE	69 80 16
13	ENTER	69 73 23
NOTE：UART Command baud rate 115200 or 9600		

Remote Control

1. Power key: Monitor Power On/Off.
2. Mute key: Mute the Audio.
3. Source key: Select input signal.
4. Menu Key: Monitor OSD control.
5. OK key: Confirmation key during the OSD operation.
6. ◢ ▶ ▼ ◀ Key: OSD scrolling the cursor to desired function.
7. Exit Key: Exit the OSD menu.
8. Info Key: Display monitor Info
9. No Function for current 4K models as Home Key.
10. No Function for current 4K model as USB Fast forward Key, Fast back Key, Previous Key, Next Key, Play-pause Key

How to Clean Product

1. Please wipe dust and other particles off with a clean soft towel.
2. If it is still not clean, please use a neutral cleaner along with the clean soft towel. Wipe dry after cleaning it.
3. Rubbing or scrapping the housing with fingernails or other hard objects might scratch the housing.

Troubleshooting

Before consulting service staff, please use the following chart to attempt to diagnose the issue.

Problem	Fix									
	1	2	3	4	5	6	7	8	9	10
No image or sound	⊕	⊕	⊕		⊕				⊕	⊕
Inferior sound, normal image	⊕	⊕		⊕	⊕				⊕	
Inferior image, normal sound	⊕		⊕	⊕	⊕	⊕			⊕	
Poor signal	⊕	⊕	⊕		⊕				⊕	
Vague image	⊕		⊕		⊕				⊕	
Double image	⊕	⊕	⊕		⊕					
Interfering lines in image	⊕		⊕	⊕	⊕					
Twisty image	⊕		⊕		⊕				⊕	
Poor signal	⊕	⊕	⊕	⊕	⊕				⊕	
Rung stripe in image			⊕	⊕						
Image vertically scrolls	⊕		⊕	⊕					⊕	
Inferior color	⊕		⊕	⊕	⊕	⊕	⊕	⊕	⊕	
No color	⊕		⊕		⊕			⊕	⊕	

| Fix	
1	Switch to another channel or input.
2	Check whether the audio signal line is connected.
3	Check whether the video signal line is connected.
4	Interference from by other electric appliance may be present.
5	Adjust fine tuning setting.
6	Adjust luminance setting.
7	Adjust contrast ratio setting.
8	Adjust color setting.
9	Check whether the system is set-up properly.
10	Check whether the power is on.

Pelco Troubleshooting Contact Information

If the instructions provided fail to solve your problem, contact Pelco Product Support at 1-800-289-9100 (USA and Canada) or +1-559-292-1981 (international) for assistance. Be sure to have the serial number available when calling.

Do not try to repair the unit yourself. Leave maintenance and repairs to qualified technical personnel only.
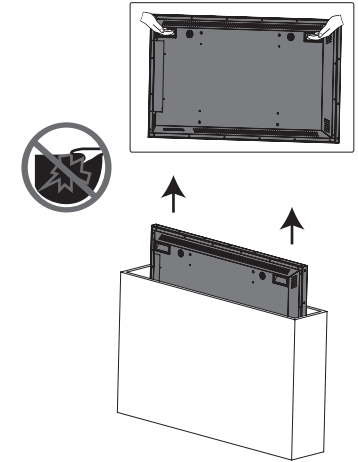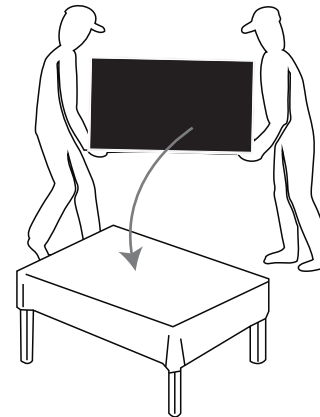
PRODUCT REMOVAL GUIDE
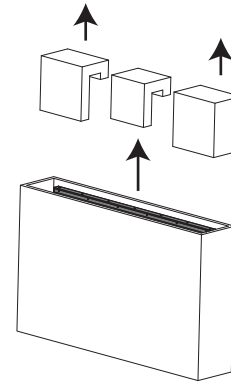
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