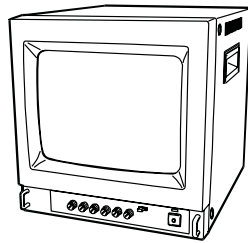




Installation/Operation

PMC10A High-Resolution Color Monitor

C1992M-A (12/03)



Pelco • 3500 Pelco Way • Clovis, CA 93612-5699 USA • www.pelco.com
In North America and Canada: Tel (800) 289-9100 • FAX (800) 289-9150
International Customers: Tel +1(559) 292-1981 • FAX +1(559) 348-1120

IMPORTANT SAFEGUARDS AND WARNINGS

1. Operate this unit only from the type of power source indicated on the label.
2. Do not block or cover ventilation openings on the back or bottom of the monitor cabinet.
3. Do not place this monitor near a radiator or heating vent.
4. Do not push objects of any kind through cabinet openings. This may result in fire or electrical shock.
5. Before adding attachments always ask a service technician to perform routine safety tests to determine that equipment is in safe operating condition. Ground potential tests should be part of the routine safety check made by the service technician.
6. Do not place monitor on an unstable cart, stand, or shelf where it may fall and injure personnel or damage equipment.
7. Route power cords so that they cannot be walked upon or tripped over. Do not allow anything to rest on the power cord.
8. Do not install monitor in wet areas, or where it may be exposed to rain or water. Do not spill liquid of any kind on the unit.
9. Unplug the power cord from the unit before cleaning the display. Use only a damp cloth. Do not use alcohol, spirits, or ammonia to clean the display. **DO NOT ATTEMPT TO CLEAN THE INTERIOR OF THIS UNIT-THE ACTION MUST BE PERFORMED BY THE SERVICE TECHNICIAN AS REQUIRED DURING NORMAL MAINTENANCE.**
10. Refer all servicing to qualified service personnel. **REMOVAL OF BACK COVER BY UNAUTHORIZED PERSONNEL MAY EXPOSE THE USER TO DANGEROUS VOLTAGES OR OTHER HAZARDS.**
11. Unplug the unit immediately and notify the service technician.
 - A. If liquid has been spilled into the display or the display has been exposed to rain or water.
 - B. If the unit has been dropped or the cabinet damaged.
 - C. If fuses continue to blow.
 - D. If the power cord is damaged or frayed.
 - E. If a distinct change from normal operation is apparent.

When replacement parts are required, be sure that the service technician uses components specified by the manufacturer which have the same characteristics as the original parts. **UNAUTHORIZED SUBSTITUTIONS MAY RESULT IN FIRE, ELECTRICAL SHOCK OR OTHER HAZARDS.**

Upon completion of any service or repairs, ask the technician to perform safety checks to determine that the equipment is in safe operating condition.

WARNING: SERIOUS SHOCK HAZARDS EXIST WHEN THE COVERS OF THIS MONITOR. DO NOT OPEN THE COVERS UNDER ANY CIRCUMSTANCES, THERE ARE NO USER SERVICEABLE COMPONENTS INSIDE.

DESCRIPTION

The PMC10A is high-resolution, 10-inch (25.4 cm) color monitor. The unit has a resolution of 350 TV lines producing an excellent-quality picture. The monitor's power input of 100-240 VAC, 50/60 Hz, is automatically detected upon power up. All image adjustment controls are conveniently located on the front panel of the monitor.

INSTALLATION

The monitor may be placed on any flat surface (desk or table) or rack-mounted. To rack-mount the monitor follow the instructions supplied with the rack-mount kit.

1. Video Cable Connection (Refer to Table A for video coaxial cable requirements.)
 - a. Connect the video cable to the BNC video input labeled V1 IN on the back panel of the monitor.
 - b. Looping Operation Only - Connect a video cable to the BNC connector labeled V1 OUT.
2. Impedance Switch Setting
 - a. Terminating Operation Only - Set the termination switch to the 75W position.
 - b. Looping Operation Only - Set the impedance switch to the Y/C-HI position (looping).
3. Plug the power cord (provided) into the AC INLET connection on the back panel. Plug the other end of the cord into a power receptacle.

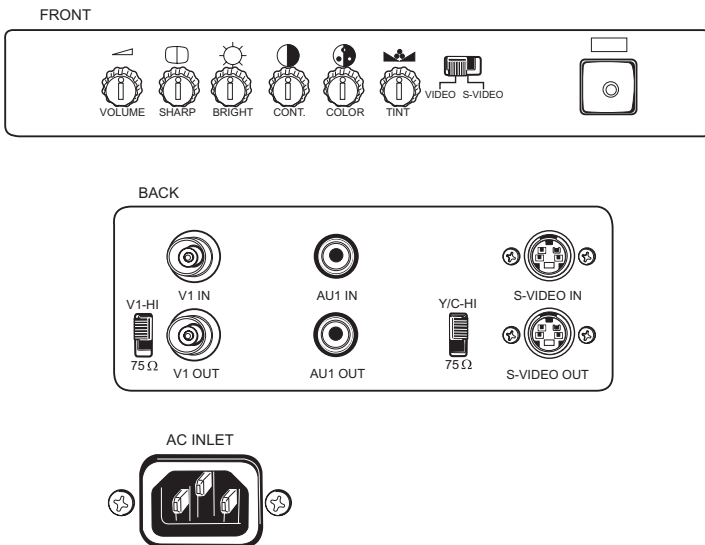


Figure 1. Model PMC10A, 10-inch Color Monitor, Front and Back Panels

OPERATION

1. Set the video format switch located on the front panel to one of the following settings:
VIDEO - Composite Video (NTSC) mode
S-VIDEO - Use if the S-VIDEO input jack on the rear of the monitor is used
2. Turn the monitor ON. Wait 30 seconds for the picture tube to warm up and the power LED indicator to light.
3. If required adjust the picture using the control knobs on the front panel.

Front Panel Adjustments

TINT	Color phase adjustment. Turn clockwise to increase the greenish tones in the picture. Turn counterclockwise to increase the reddish tones in the picture.
COLOR	Color saturation level. Turn the control knob clockwise to increase the saturation level and counterclockwise to decrease the saturation level.
CONT	Contrast adjustment. Proper adjustment will allow maximum gradations between the darkest and lightest picture contrast. Turn the control clockwise to increase picture contrast and counterclockwise to decrease contrast.
BRIGHT	Brightness display adjustment. Turn the control clockwise to increase brightness and counterclockwise to decrease brightness.
SHARP	Sharpness adjustment. Adjust control knob to obtain the clearest picture.
VOLUME	Audio adjustment. Turn the control clockwise to increase volume and counterclockwise to decrease volume.

Table A. Video Coaxial Cable Requirements

Cable Type*	Maximum Distance
RG59/U	750 ft (229 m)
RG6/U	1,000 ft (305 m)
RG11/U	1,500 ft (457 m)

* Minimum cable requirements:
75 ohms impedance
All-copper center conductor
All-copper braided shield with 95% braid coverage

MAINTENANCE

If the quality of the picture is poor and cannot be improved by making adjustments on the front control panel, inspect all system connections and cable runs.

To reduce the risk of electrical shock, do not remove the cover or the back. No user-serviceable parts are inside. Refer servicing to qualified personnel, or contact the Pelco Customer Service Department for assistance. Refer to the Warranty and Return Information section.

SPECIFICATIONS

ELECTRICAL

Input Voltage	100-240 VAC, 50/60 Hz, automatic switching
Power Consumption	49 watts
Horizontal Resolution	350 TV lines
Visual Picture Size	10-inch diagonal
Sweep Linearity	10%
Speaker Output	1.0 watt (-3 dBV)

GENERAL

Input/Output	
Video	1 BNC input, 75 ohms or Hi-Z 1 looping output
Audio	1 RCA input, Hi-Z 1 looping output
S-Video	1 DIN input 1 looping output
Construction	Steel cabinet
Finish	Black
Dimensions	10.25 (W) x 10.63 (H) x 11.62 (D) inches (26.03 x 27.00 x 29.51 cm)
Weight	19 lb (8.6 kg)

ENVIRONMENTAL

Operating Temperature	32° to 106°F (0° to 41°C)
Humidity	0% to 90%, (non-condensing)

(Design and product specifications subject to change without notice.)

REGULATORY NOTICES

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 and 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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

PRODUCT WARRANTY AND RETURN INFORMATION

WARRANTY

Pelco will repair or replace, without charge, any merchandise proved defective in material or workmanship **for a period of one year** after the date of shipment.

Exceptions to this warranty are as noted below:

- Five years on FT/FR8000 Series fiber optic products.
- Three years on Genex® Series products (multiplexers, server, and keyboard).
- Three years on Camclosure® and fixed camera models, except the CC3701H-2, CC3701H-2X, CC3751H-2, CC3651H-2X, MC3651H-2, and MC3651H-2X camera models, which have a five-year warranty.
- Two years on standard motorized or fixed focal length lenses.
- Two years on Legacy®, CM6700/CM6800/CM9700 Series matrix, and DF5/DF8 Series fixed dome products.
- Two years on Spectra®, Esprit®, ExSite™, and PS20 scanners, including when used in continuous motion applications.
- Two years on Esprit® and WW5700 Series window wiper (excluding wiper blades).
- Eighteen months on DX Series digital video recorders, NVR300 Series network video recorders, and Endura™ Series distributed network-based video products.
- One year (except video heads) on video cassette recorders (VCRs). Video heads will be covered for a period of six months.
- Six months on all pan and tilts, scanners or preset lenses used in continuous motion applications (that is, preset scan, tour and auto scan modes).

Pelco will warrant all replacement parts and repairs for 90 days from the date of Pelco shipment. All goods requiring warranty repair shall be sent freight prepaid to Pelco, Clovis, California. Repairs made necessary by reason of misuse, alteration, normal wear, or accident are not covered under this warranty.

Pelco assumes no risk and shall be subject to no liability for damages or loss resulting from the specific use or application made of the Products. Pelco's liability for any claim, whether based on breach of contract, negligence, infringement of any rights of any party or product liability, relating to the Products shall not exceed the price paid by the Dealer to Pelco for such Products. In no event will Pelco be liable for any special, incidental or consequential damages (including loss of use, loss of profit and claims of third parties) however caused, whether by the negligence of Pelco or otherwise.

The above warranty provides the Dealer with specific legal rights. The Dealer may also have additional rights, which are subject to variation from state to state.

If a warranty repair is required, the Dealer must contact Pelco at (800) 289-9100 or (559) 292-1981 to obtain a Repair Authorization number (RA), and provide the following information:

1. Model and serial number
2. Date of shipment, P.O. number, Sales Order number, or Pelco invoice number
3. Details of the defect or problem

If there is a dispute regarding the warranty of a product which does not fall under the warranty conditions stated above, please include a written explanation with the product when returned.

Method of return shipment shall be the same or equal to the method by which the item was received by Pelco.

RETURNS

In order to expedite parts returned to the factory for repair or credit, please call the factory at (800) 289-9100 or (559) 292-1981 to obtain an authorization number (CA number if returned for credit, and RA number if returned for repair).

All merchandise returned for credit may be subject to a 20% restocking and refurbishing charge.

Goods returned for repair or credit should be clearly identified with the assigned CA or RA number and freight should be prepaid. Ship to the appropriate address below.

If you are located within the continental U.S., Alaska, Hawaii or Puerto Rico, send goods to:

Service Department
Pelco
3500 Pelco Way
Clovis, CA 93612-5699

If you are located outside the continental U.S., Alaska, Hawaii or Puerto Rico and are instructed to return goods to the USA, you may do one of the following:

If the goods are to be sent by a COURIER SERVICE, send the goods to:

Pelco
3500 Pelco Way
Clovis, CA 93612-5699 USA

If the goods are to be sent by a FREIGHT FORWARDER, send the goods to:

Pelco c/o Expeditors
473 Eccles Avenue
South San Francisco, CA 94080 USA
Phone: 650-737-1700
Fax: 650-737-0933

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REVISION HISTORY

Manual #	Date	Comments
C1992M	11/00	Original version.
	1/01	Revised to include ETL, cETL, and CE certifications and warnings.
C1992M-A	12/03	Revised monitor dimensions for height to 10.63 inches (27.00 cm).