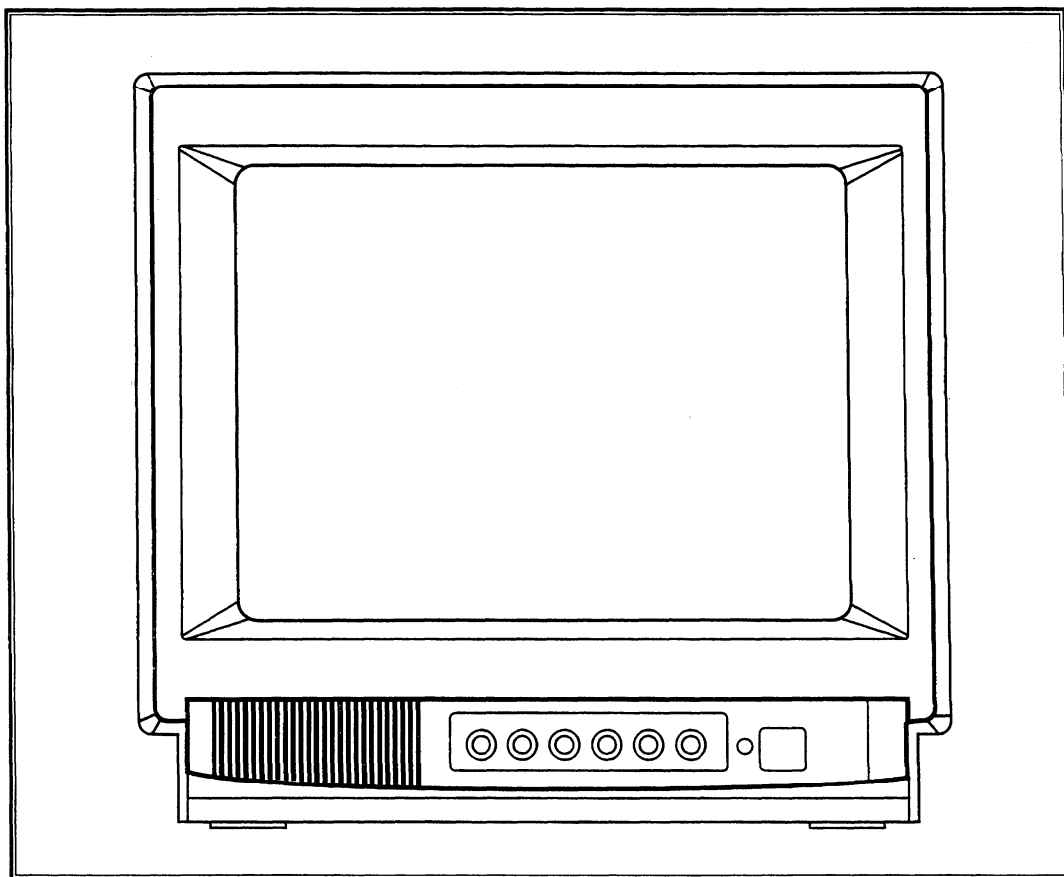


MODEL:VCM-14H
14-INCH COLOR VIDEO MONITOR
INSTRUCTION MANUAL

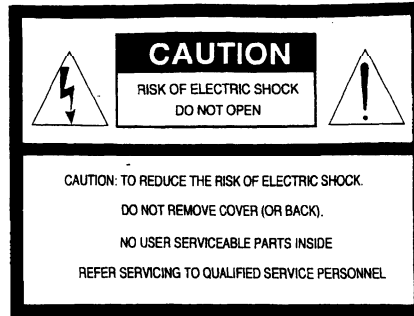


Please read this instruction manual thoroughly before operating the unit.
Please retain this manual for future reference

ⓘ WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK. DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. DO NOT INSERT ANY METALLIC OBJECT THROUGH VENTILATION GRILLES.

ⓘ CAUTION



Explanation of Graphical Symbols.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (Servicing) Instructions in the literature accompanying the appliance.

ⓘ PRECAUTIONS

ⓘ Safety

- Should any liquid or solid object fall into the cabinet. Unplug the unit and have it checked by the qualified personnel before operating it any further.
- Unplug the unit from the wall outlet if it is not going to be used for several days or more. To disconnect the cord, pull it out by the plug. Never pull the cord itself.
- Allow adequate air circulation to prevent internal heat build-up. Do not place the unit on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that may block the ventilation holes.

ⓘ Installation

- Do not install the unit in an extremely hot or humid place or in a place subject to excessive dust or mechanical vibration.
- The unit is not designed to be waterproof. Exposure to rain or water may damage the unit.

ⓘ Cleaning

- Clean the unit with a slightly damp soft cloth. Use a mild household detergent. Never use strong solvents such as thinner or benzene as they might damage the finish of the unit.

● FCC COMPLIANCE STATEMENT

USER-INSTALLER CAUTION: YOUR AUTHORITY TO OPERATE THIS FCC VERIFIED EQUIPMENT COULD BE VOIDED IF YOU MAKE CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE WITH PART 15 OF THE FCC RULES.

NOTE: THIS EQUIPMENT HAS BEEN TESTED AND FOUND TO COMPLY WITH THE LIMITS FOR A CLASS A DIGITAL DEVICE PURSUANT TO PART 15 OF THE FCC RULES. THESE LIMITS ARE DESIGNED TO PROVIDE REASONABLE PROTECTION AGAINST HARMFUL INTERFERENCE WHEN THE EQUIPMENT IS OPERATED IN A COMMERCIAL ENVIRONMENT. THIS EQUIPMENT GENERATES, USES, AND CAN RADIATE RADIO FREQUENCY ENERGY AND IF NOT INSTALLED AND USED IN ACCORDANCE WITH THE INSTRUCTION MANUAL, MAY CAUSE HARMFUL INTERFERENCE TO RADIO COMMUNICATIONS. OPERATION OF THIS EQUIPMENT IN A RESIDENTIAL AREA IS LIKELY TO CAUSE HARMFUL INTERFERENCE IN WHICH CASE THE USER WILL BE REQUIRED TO CORRECT THE INTERFERENCE AT HIS OWN EXPENSE.

THIS DIGITAL APPARATUS DOES NOT EXCEED THE CLASS A LIMITS FOR RADIO NOISE EMISSIONS FROM DIGITAL APPARATUS SET OUT IN THE RADIO INTERFERENCE REGULATIONS OF THE CANADIAN DEPARTMENT OF COMMUNICATIONS.

✦ **CAUTION:** TO PREVENT ELECTRIC SHOCK, MATCH THE WIDE BLADE OF THE AC PLUG TO THE WIDE SLOT OF A POLARIZED AC RECEPTACLE AND FULLY INSERT THE PLUG. DO NOT ATTEMPT TO MODIFY THE PLUG FOR USE IN A NON-POLARIZED AC RECEPTACLE.

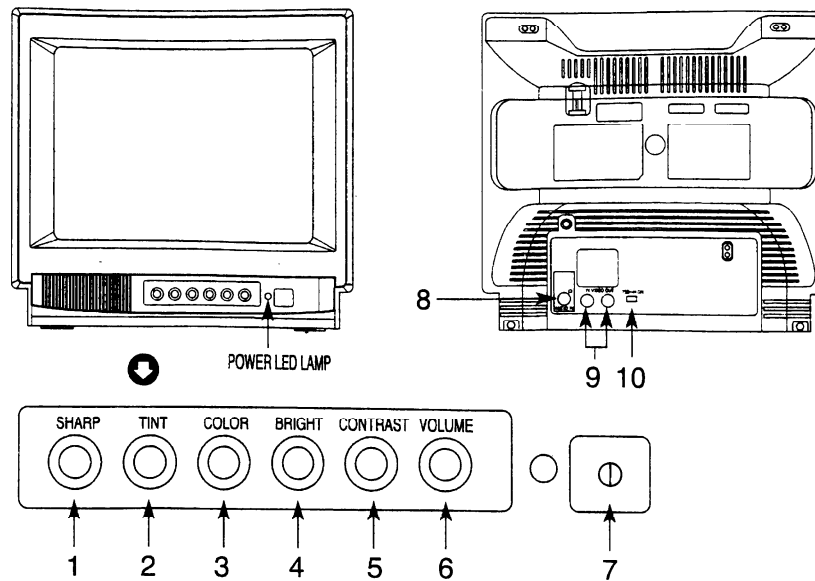
✦ **ATTENTION:** POUR ÉVITER LES CHOC ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

● SPECIFICATIONS

▶ Picture Tube	14-inch Diagonal, 90° Deflection Angle 0.66mm Stripe, in-line
▶ Power Source	90-260V AC, 60 Hz
▶ Power Consumption	60Watts
▶ System	NTSC/PAL
▶ Resolution	Average 400+ TV lines (at center)
▶ Input Signal	Video: NTSC/PAL Composite Video; 1.0 Vpp (75 Ω / High) Audio: 300mVrms
▶ Input Connectors	Video Input/Output: BNC jacks Audio Input: RCA jack Termination Switch : 75 Ω / High Impedance selectable
▶ Dimensions (W × H × D)	371 × 349 × 377 (mm) 14.6 × 13.7 × 13.3 (inches)
▶ Weight	Approx. 10kg (22lb.)
▶ Ambient Temperature	0-40°C / 32-106°F (Performance Range)
▶ Option	RMK-14H Rack Mount Kit

Design and specifications are subject to change without notice.

● LOCATION AND OPERATION OF CONTROLS



1. SHARP

Adjust the SHARP control for the soft or sharp screen. When turned counterclockwise, the screen becomes soft. When turned clockwise, the screen becomes sharp.

2. TINT

Adjust the TINT control for the proper color phase or flesh tones. When turned counterclockwise, the skin tone becomes reddish. When turned clockwise, the skin tone becomes greenish. (NTSC System Only)

3. COLOR

Adjust the COLOR control to set the color saturation level. Turn the control clockwise to increase and counterclockwise to decrease.

4. BRIGHT

Adjust the BRIGHT control for the desired overall display brightness. This control is also useful to compensate for differences in area lighting. Turn the control clockwise to increase and counterclockwise to decrease.

5. CONTRAST

Adjust the CONTRAST control for the desired overall contrast. Proper adjustment will allow maximum gradations between the darkest and lightest picture areas. Turn the control clockwise to increase and counterclockwise to decrease.

6. VOLUME

Adjust the VOLUME control for the desired audio level. Turn the control clockwise to increase and counterclockwise to decrease.

7. POWER SWITCH

Press to turn the monitor ON. The POWER LAMP to the left of the switch will illuminate.

8. AUDIO INPUT CONNECTOR

Connect an RCA cable between this jack and the Audio Output jack of a Camera or VCR.

9. VIDEO INPUT & OUTPUT CONNECTORS

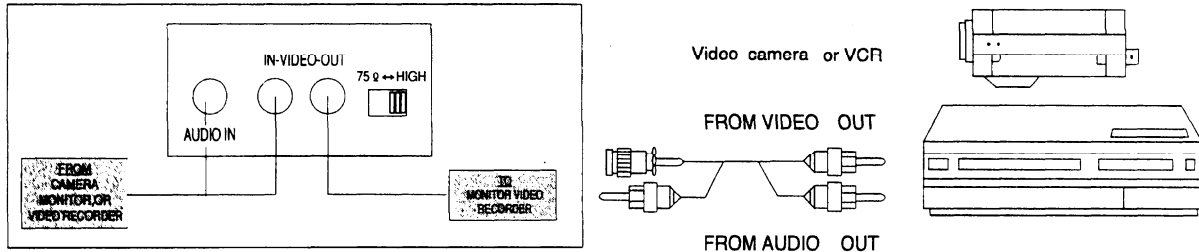
These BNC connectors permit "loop-through" connection of a video signal in those installations where it is desirable to display the video signal on more than one monitor. A standard 1.0Vp-p video signal applied to the VIDEO INPUT will also appear at the VIDEO OUTPUT. Use coaxial cables with BNC type plugs for these connections.

10. 75 Ω TERMINATION SWITCH


Set the switch to the HIGH position if another monitor is connected to the VIDEO OUTPUT on the rear of the monitor. Set the switch to the 75 Ω position if the VIDEO OUTPUT is not used.

● POSSIBLE CONNECTIONS

- ▶ Connect the VIDEO OUT jack on the Video camera or VCR to the VIDEO IN jack on the monitor.
- ▶ Connect the AUDIO OUT jack on the Video camera or VCR to the AUDIO IN jack on the monitor.



● IMPORTANT SAFE GUARDS

1. **READ INSTRUCTIONS**-All the safety and operating instructions should be read before the appliance is operated.
2. **RETAIN INSTRUCTIONS**-The safety and operating instructions should be retained for future reference.
3. **CLEANING**-Unplug this video monitor or equipment from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. **ATTACHMENTS**-Do not use attachments not recommended by the video monitor or equipment manufacturer as they may result in the risk of fire, electric shock or injury to persons.
5. **WATER AND MOISTURE**-Do not use this video monitor or equipment near water-for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, near a swimming pool, or the like.
6. **ACCESSORIES**-Do not place this video monitor or equipment on an unstable cart, stand or table. The video monitor or equipment may fall, causing serious injury to a child or adult, and serious damage to the equipment, wall or shelf mounting should follow the manufacturer's instructions, and should use a mounting kit approved by the manufacturer.
- 6A. Video monitor or equipment and cart combinations should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the equipment and cart combination to overturn. 
7. **VENTILATION**-Slots and openings in the cabinet and the back or bottom are provided for ventilation and to ensure reliable operation of the video monitor or equipment and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the video monitor or equipment on a bed, sofa, rug, or other similar surface. This video monitor or equipment should not be placed in a built-in installation such as a bookcase unless proper ventilation is provided.
8. **POWER SOURCES**-This video monitor or equipment should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult your video monitor or equipment dealer or local power company. For video monitor or equipment designed to operate from battery power refer to the operating instructions.
9. **GROUNDING OR POLARIZATION**-This video monitor equipment is provided with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only way. This is a safety feature. If you are unable to insert the plug full into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

10. **POWER CORDS**-Do not allow anything to rest on the power cord.Do not locate this video monitor or equipment where the cord will be abused by persons walking on it.
11. **HEED WARNINGS**-Follow all instructions marked on the video monitor or equipment.
12. **LIGHTNING**-For added protection for this video monitor or equipment during a lighting storm,or when it is left unattended and unused for long periods of time,unplug it from the wall outlet and disconnect the antenna or cable system.This will prevent damage to the video product due to lightning and power-line surges.
13. **OVERLOADING**-Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.
14. **OBJECT AND LIQUID ENTRY**-Never push objects of any kind into this video monitor or equipment through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock.Never spill liquid of any kind on the product.
15. **SERVICING**-Do not attempt to service this video monitor or equipment yourself as opening or removing covers may expose you to dangerous voltage or other hazards.Refer all servicing to qualified service personnel.
16. **DAMAGE REQUIRING SERVICE**-Unplug this video monitor or equipment from the wall outlet and refer servicing to qualified service personnel under the following conditions.
 - A.When the power-supply cord or the plug has been damaged.
 - B.If liquid has been spilled,or objects have fallen into the video product.
 - C.If the video product has been exposed to rain or water.
 - D.If the video product does not operate normally by following the operating instructions,adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the video product to its normal operation.
 - E.If the video product has been dropped,or the cabinet damaged.
 - F.When the video product exhibits a distinct change in performance this indicates a need for service.
17. **REPLACEMENT PARTS**-When replacement parts are required,be sure the service technician has used replacement parts specified by the manufacturer or that have the same characteristics as the original part.

Unauthorized substitutions may result in fire,electric shock or other hazards.
18. **SAFETY CHECK**-Upon completion of any service or repairs to this video product,ask the service technician to perform safety checks to determine that the video product is in proper operating condition.