

Panasonic

Color Monitor Operating Instructions

Model No. **WV-CK1420A**

ENGLISH



FRANÇAIS

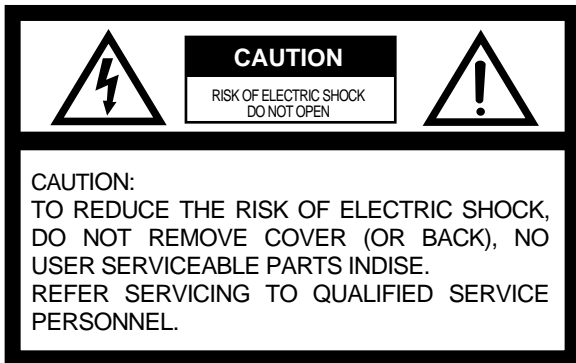
Before attempting to connect or operate this product,
please read these instructions carefully and save this manual for future use.

ENGLISH VERSION

Warning:

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 instructions 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.

FCC Caution: To assure continued compliance, use only shielded BNC cables when connecting monitor to video in/out device. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.



The lightning flash with arrowhead symbol, within an equilateral triangle, 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.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

The serial number of this product may be found on the rear of the unit.

You should note the serial number of this unit in the space provided and retain this book as a permanent record of your purchase to aid identification in the event of theft.

Model No. _____

Serial No. _____

WARNING:
TO PREVENT FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

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PREFACE

The Panasonic's Color Monitor WV-CK1420A produces sharp color pictures and audio output.

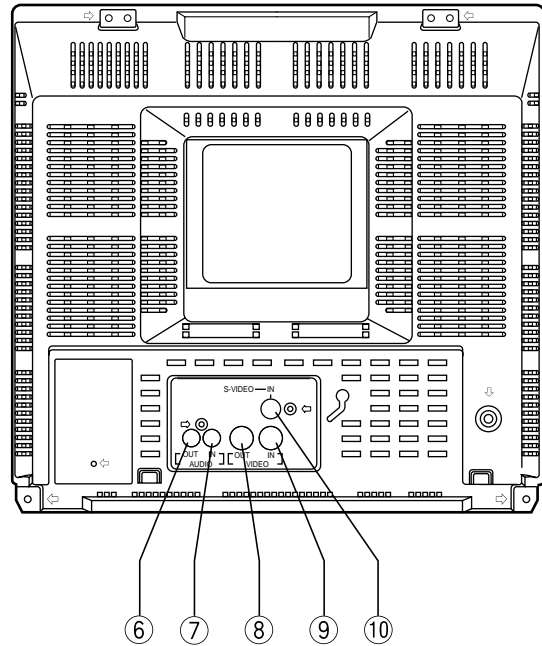
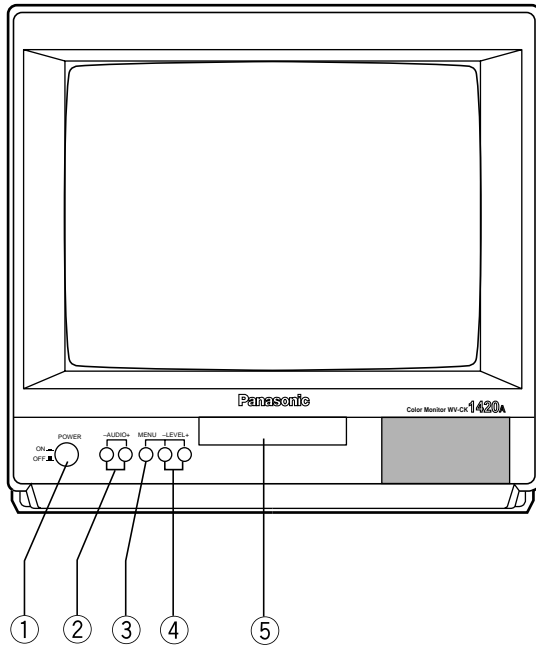
FEATURES

- Approx. 335.4mm (13 inches) diagonal actual visual size.
- Looping through BNC connectors for video input and output.
- Looping through RCA connectors for audio input and output.
- S-VIDEO input connector.
- Maximum 0.7W for speaker output.

PRECAUTIONS

- Do not block the ventilation slots.
- Do place the video monitor at least 5cm (2 inches) apart from the wall.
- Do not expose the monitor to water or moisture.
- Do not operate the monitor if it becomes wet.
- Do take immediate action if ever the monitor does become wet. Turn power off and refer servicing to qualified service personnel. Moisture can damage the monitor and also create the danger of electric shock.
- Do not drop metallic parts through slots. This action could permanently damage the monitor. Do turn power off immediately and refer servicing to qualified service personnel.
- Do not attempt to disassemble the monitor. To prevent electric shock, do not remove screws or cover. There are no user serviceable parts inside. Refer servicing to qualified service personnel.
- Do not use the monitor beyond its temperature, humidity or power source ratings.
 - a) Ambient temperature must not range beyond -10°C - $+50^{\circ}\text{C}$ (14°F - 122°F).
 - b) Avoid using the monitor when humidity is above 90%.
 - c) The input power must be 120V AC
- Do not stack two or more sets.
If more than two monitors are used, place them less than 15 cm apart. Otherwise, the monitors may produce noise on the display screen.

MAJOR OPERATING CONTROLS AND THEIR FUNCTIONS



1. Power Switch (POWER, ON/OFF)

This is a push-push type switch which turns the power of this monitor on and off.

Press once and the switch remains down (⬇️) for turning on the power of monitor.

Press again, the switch comes up (⬆️) for turning off the power of the monitor.

2. Audio Control Buttons (-AUDIO+)

Press these buttons to increase or decrease the sound volume level.

3. Menu Button (MENU)

Press to display the setup display or move the cursor down one line in the setup display.

4. Level Control Button (-LEVEL+)

Press these buttons to adjust level of the selected item in the setup display, or select a parameter in the setup display.

5. Power Indicator

Is on when the Monitor's power is turned on.

6. Audio Output Connector (AUDIO OUT)

The audio input signal connected to the audio input connector ⑦ is looped through to this connector.

7. Audio Input Connector (AUDIO IN)

For input of audio signal from an outboard device.

8. Video Output Connector (VIDEO OUT)

The video input signal connected to the video input connector ⑨ is looped through to this connector and terminated automatically.

9. Video Input Connector (VIDEO IN)

For input of the NTSC composite video signal from an outboard device.

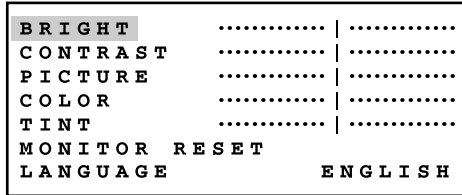
10. S-Video Input Connector (S-VIDEO IN)

For input of the NTSC S-Video signal from an outboard device.

ADVANCED CONTROL OPERATION

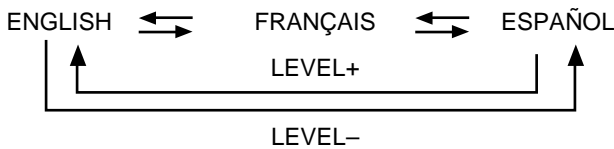
• Displaying the Setup Display

1. Turn on the Power Switch of the Monitor.
2. Press the **MENU** button, the setup display shown below appears on the monitor screen.
It will disappear automatically when no operation takes place for about 3 seconds.



• Adjustment

3. Move the cursor to LANGUAGE by pressing the **MENU** button.
4. Select the desired LANGUAGE parameter by pressing the **LEVEL (-)** or **(+)** buttons, Pressing the buttons will toggle the setup display in selected language as shown below.



5. Move the cursor to BRIGHT, CONTRAST, PICTURE, COLOR or TINT by pressing the **MENU** button, then adjust the level of the selected item by pressing the **LEVEL (-)** or **(+)** buttons.
While adjusting the selected item level, the display changes to the indicator as shown below.

Item	Effect	Indicator
BRIGHT	<input type="checkbox"/> Darker <input type="checkbox"/> Brighter	BRIGHT 32
CONTRAST	<input type="checkbox"/> Less <input type="checkbox"/> More	CONTRAST 32
PICTURE	<input type="checkbox"/> Soft <input type="checkbox"/> Sharp	PICTURE 32
COLOR	<input type="checkbox"/> Less <input type="checkbox"/> More	COLOR 32
TINT	<input type="checkbox"/> Greenish <input type="checkbox"/> Reddish	TINT 32

6. To reset the monitor to the default settings, move the cursor to MONITOR RESET by pressing the **MENU** button. Then press the **LEVEL (+)** button to return to the factory default settings.



7. To exit the setup display, press the **MENU** button repeatedly until the cursor is passed over MONITOR RESET or wait for about 3 seconds until it disappears.

CABLE INFORMATIONS

Power Cable

1. Keep the Power Switch ① in the OFF position during installation.
2. Connect the Power Cord to a grounded electrical outlet.

Video Cable

1. Use the RG-59/U (3C-2V), RG-6/U (5C-2V), RG-11/U (7C-2V) or RG-15/U (10C-2V) coaxial cable.
2. Up to 10 monitors can be hooked up in this configuration before signal loss occurs. Total cable length should not exceed 150m (500 feet).

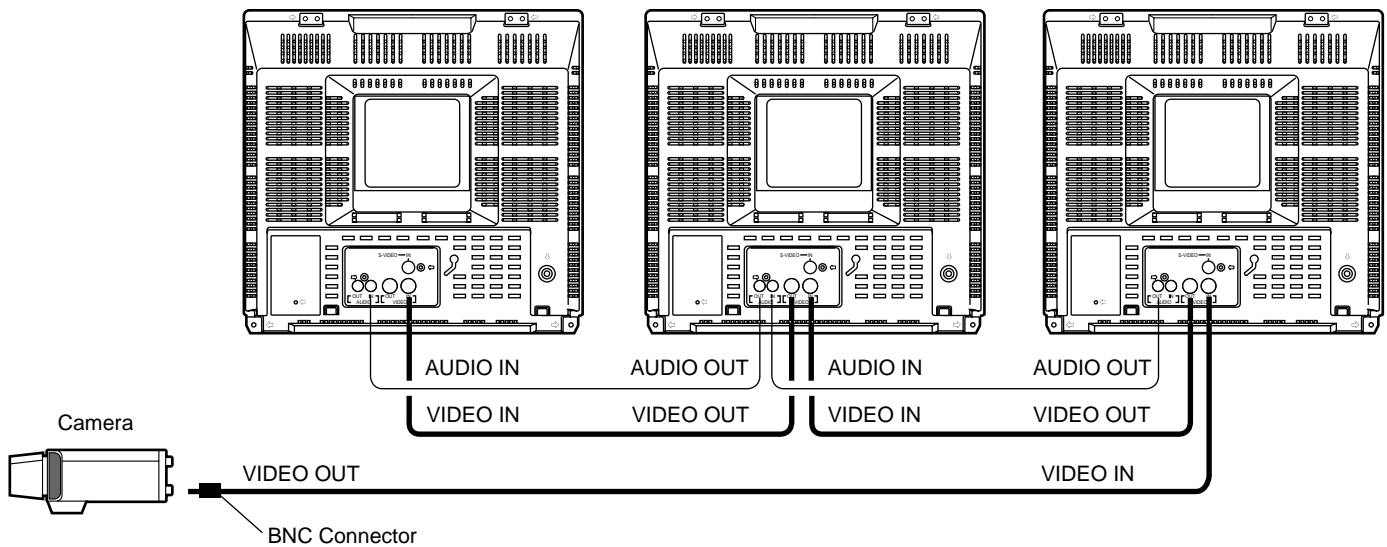
3. Wiring Precautions:

- Do not bend coaxial cable into a curve whose radius is smaller than 10 times of its diameter:
- Never crush or pinch the cable.
All these will change the impedance of the cable and cause poor picture quality.

Recommended maximum cable length

Cable	RG-59/U (3C-2V)	RG-6/U (5C-2V)	RG-11/U (7C-2V)	RG-15/U (10C-2V)
Recommended maximum cable length	250m (825ft)	500m (1650ft)	600m (1980ft)	800m (2650ft)

CONNECTION



SPECIFICATIONS

Power Source:	120V AC, 60Hz
Power Consumption:	Approx. 60W
Screen Size:	371.8mm diagonal tube screen size, 90° deflection 335.4mm diagonal actual visual size
Horizontal Resolution:	370TV lines at center
Video Input:	1.0 V[p-p] composite/75Ω, BNC with Auto Termination
S-Video Input:	Y: 1.0V[P-P]/75Ω C: 0.286V[P-P]/75Ω
Audio Input:	-8 dB/Hi-z, RCA standard jack
Speaker Output:	0.7W
Sweep Linearity:	Horizontal: Less than 5% Vertical: Less than 5%
Sweep Geometry:	Less than 2%
Ambient Operating Humidity:	Less than 90%
Ambient Operating Temperature:	-10°C – +50°C (14°F-122°F)
Dimensions:	366(W) x 346(H) x 365(D)mm (14-7/16”(W) x 13-10/16”(H) x 14-6/16”(D))
Weight:	9.6kg (21.2 lbs.)

Weights and dimensions shown are approximate.
Specifications are subject to change without notice.

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