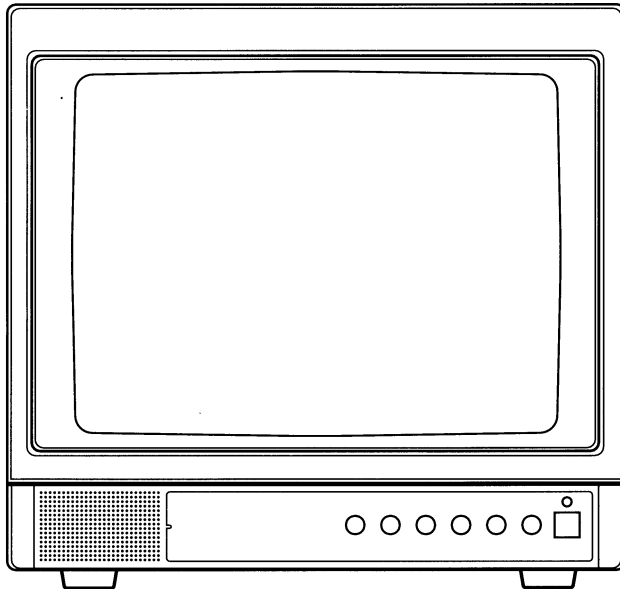


**MODEL: CPX1402MS**  
**14-INCH CCTV COLOR MONITOR**  
**INSTRUCTION MANUAL**



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

Part No. 11906500

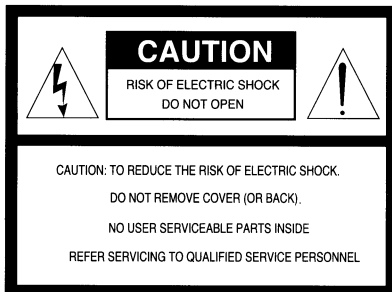
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▪ **WARNING**

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 GRILLS.

▪ **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 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 surface of the unit.

# BEFORE OPERATING THIS EQUIPMENT

## Mains Supply

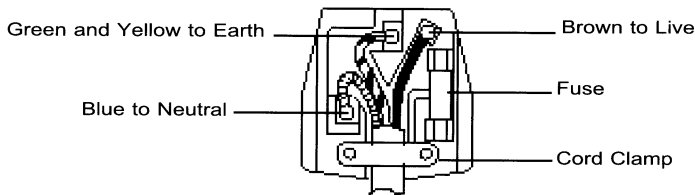
This equipment is designed to operate on 220-240V AC 50Hz only. Do not operate on DC power supplies or other voltages. Before connecting to the mains, please read the following instructions carefully.

## Important for the U.K.

The mains lead on this equipment is supplied with a moulded plug incorporating a fuse, the value of which is indicated on the pin face of the plug. Should the fuse need to be replaced, an ASTA or BSI approved BS1362 of the same rating must be used. If the fuse cover is detachable, never use the plug with the cover omitted. If a replacement fuse cover is required, ensure it is of the same colour as that visible on the pin face of the plug. Fuse covers are available from your dealer. DO NOT cut off the mains plug from this equipment. If the plug fitted is not suitable for the power points or the cable is too short to reach a power point, then use an appropriate safety approved extension lead or consult your dealer. Should it be necessary to change the mains plug, this must be carried out by a competent person, preferably a qualified electrician. If there is no alternative to cutting off the mains plug, ensure that you dispose of it immediately, having first removed the fuse, to avoid a possible shock hazard by inadvertent connection to the mains supply.

## Warning : This equipment must be earthed!

**IMPORTANT!** The wires in the mains lead are coloured in accordance with the following code ;  
Green and Yellow = Earth, Blue = Neutral, Brown = Live

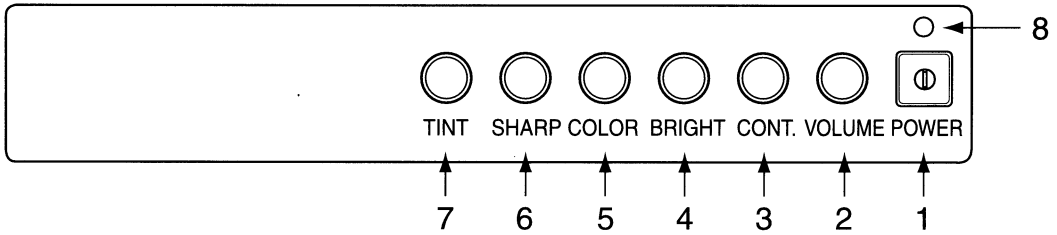
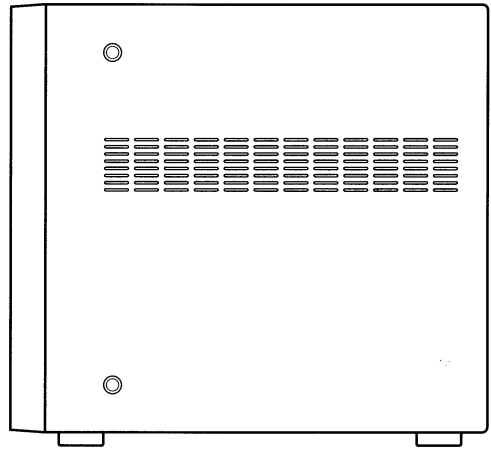
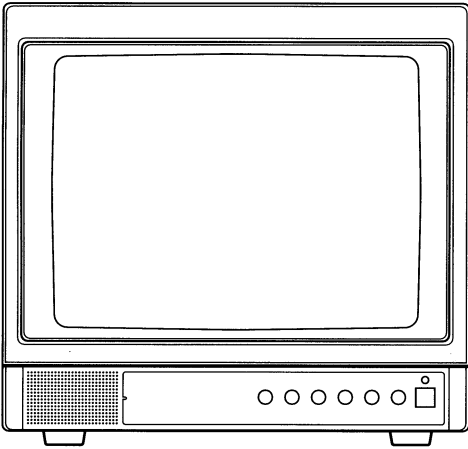


As these colours may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

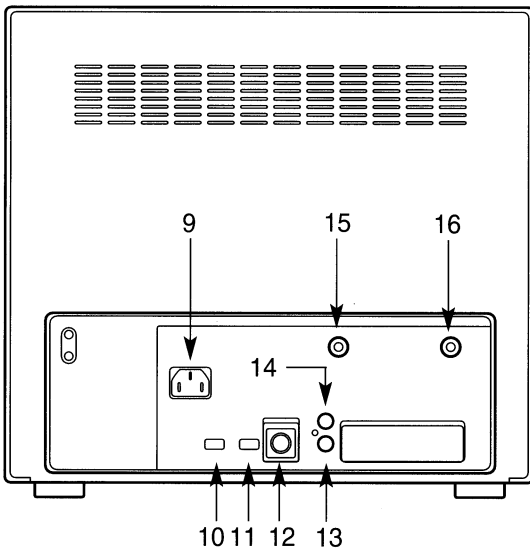
1. The wire which is coloured GREEN and YELLOW must be connected to the terminal in the plug which is marked with the letter E or by the EARTH symbol  $\oplus$  or coloured GREEN or GREEN and YELLOW.
2. The wire coloured BLUE must be connected to the terminal with the letter N or coloured BLUE or BLACK.
3. The wire coloured brown must be connected to the terminal marked with the letter L or coloured BROWN or RED.

■ Front View

■ Side View



■ Rear View



1. POWER BUTTON
2. VOLUME
3. CONTRAST
4. BRIGHT
5. COLOR
6. SHARP
7. TINT
8. POWER LED LAMP
9. POWER INLET
10. IMPEDANCE SWITCH(HIGH/75 $\Omega$ )
11. S-VHS/CAMERA SWITCH
12. S-VHS JACK
13. AUDIO IN JACK(RCA)
14. AUDIO OUT JACK(RCA)
15. VIDEO OUT JACK(BNC)
16. CAMERA INPUT JACK(BNC)

# LOCATION AND OPERATION OF CONTROLS

## 1) POWER SWITCH

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

## 2) VOLUME

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

## 3) 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.

## 4) BRIGHTNESS

Adjust the BRIGHTNESS 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) COLOR

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

## 6) SHARPNESS

Adjust the SHARPNESS control to obtain a clearer picture.

## 7) TINT (NTSC ONLY)

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

## 8) POWER LED LAMP

Power lamp indicates the power is on.

## 9) POWER INLET

Please use AC 100~240V, 50/60Hz.

To prevent electrical shocks and fire hazards, do not use any other power source.

## 10) IMPEDANCE SWITCH

Set the switch to the HIGH position if another monitor is connected to the VIDEO OUTPUT on the rear of the monitor. The last monitor should be set in the 75  $\Omega$  position.

Set the switch to the 75  $\Omega$  position if the VIDEO OUTPUT is not used.

### **11) S-VHS/CAMERA SWITCH**

Set the switch to S-VHS(VIDEO) if you want to see the higher resolution S-VHS as the VIDEO.  
Set the switch to CAMERA if input signal is camera signal.

### **12) S-VHS JACK**

If you want to see the S-VHS(VIDEO), please connect directly to this jack.

### **13.14) AUDIO INPUT & OUTPUT CONNECTOR**

Connect an RCA cable between these jacks and the audio jack of a camera or VCR.

### **15.16) VIDEO INPUT & OUTPUT CONNECTORS**

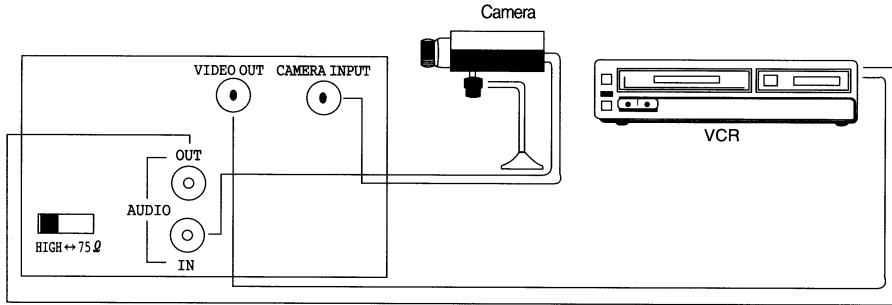
These BNC connectors permit "loop-through" connection of a video signal in those installations where it is desirable to display the video signal on more than one monitor. A standard 1.0Vp-p video signal applied to the VIDEO INPUT will also appear at the VIDEO OUTPUT. Use coaxial cables with BNC type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



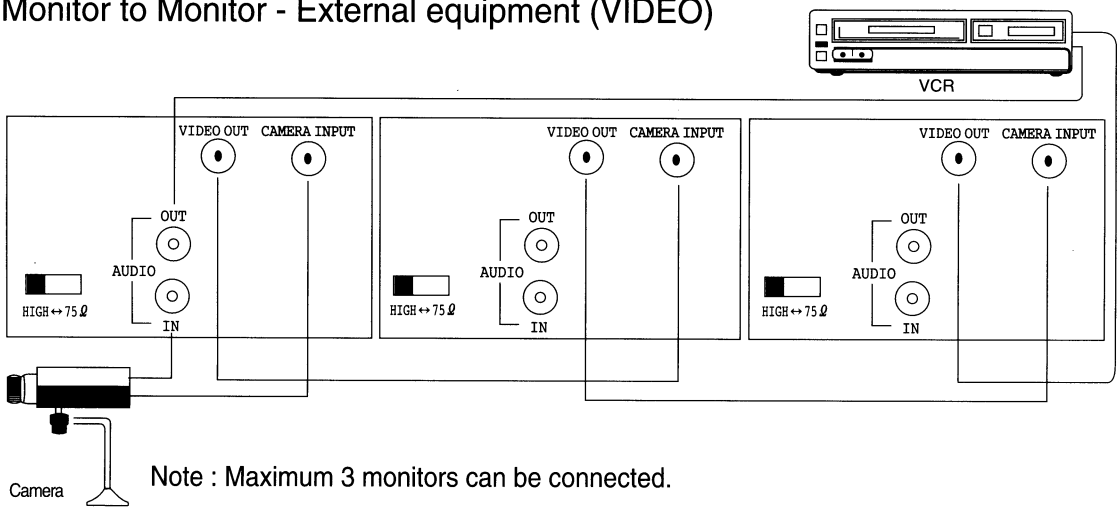
# POSSIBLE CONNECTIONS

- Please read the installation/operation manual thoroughly before connecting equipment.
- Please turn off the power source before connecting the monitor and external equipment.

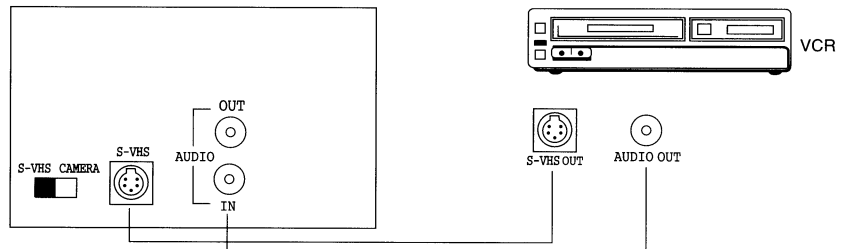
## One Monitor - External equipment (VIDEO)



## Monitor to Monitor - External equipment (VIDEO)



## To use S-VHS(VIDEO) input signal



In this case, please set the switch to the S-VHS(VIDEO) position.

# SAFETY INSTRUCTIONS

## IMPORTANT SAFEGUARDS

All the safety and operating instructions should be read before the appliance is operated. Retain the instructions for future reference.

### 1) HEED WARNINGS

All warnings on the appliance and in the operating instructions should be adhered to.

### 2) FOLLOW INSTRUCTIONS

All operating instructions should be followed.

### 3) CLEANING

Unplug this equipment from the wall outlet before cleaning.

Do not use liquid or aerosol cleaners. Use a water-dampened cloth for cleaning.

### 4) WATER AND MOISTURE

Do not use this product near water-for example, near a bath tub, wash bowl, kitchen sink, swimming pool or laundry tub, or in a wet basement.

### 5) ACCESSORIES

Do not place this product on an unstable cart, stand, tripod, bracket, or table. Do not drop.

### 6) VENTILATION

Slots and openings in the cabinet are provided for ventilation.

To ensure reliable operation of this product and to protect it from overheating, the openings must not be blocked or covered.

This product should never be placed near or over a radiator or heat register or in a built-in installation, such as a bookcase or rack, unless proper ventilation is provided.

If you intend placing this Monitor into a cabinet or a wall alcove, please ensure there is at least a 100mm (10cm) gap to the sides, rear and top of the monitor. This is to allow for adequate ventilation during your equipments operation.

### 7) POWER SOURCES

This product should be operated only from the type of power source indicated on the marking label.

## **8) POWER CORD PROTECTION**

Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed on or against them. Pay particular attention to cords and plugs, convenience receptacles, and the point where they exit from the unit.

## **9) OUTDOOR ANTENNA GROUNDING**

If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded to provide some protection against voltage surges and built-up static charges.

Section 810 of the National Electrical Code, ANSI/NFPA No. 70-1981, provides information with respect to power grounding of the mast and supporting structure grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrodes, see Figure A.

## **10) OVERLOADING**

Do not overload outlets and extension cords, as this can result in a risk of fire or electric shock.

## **11) OBJECT AND LIQUID ENTRY**

Never push objects of any kind into this product 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.

## **12) SERVICING**

Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage of other hazards. Refer all servicing to qualified service personnel.

# SPECIFICATIONS

- Picture Tube 14-inch Diagonal, 90° Deflection Angle
- Power Source 100~240V AC, 50/60 Hz
- Power Consumption 68Watts
- System PAL / NTSC
- Sound output 1.1W
- Speaker 3W, 77mm X 40mm
- Terminals Video Input level/Impedance:1.0Vpp/75  $\Omega$   
Video output level/Impedance:1.0Vpp/75  $\Omega$   
Audio Input level/Impedance:0.3Vrms/25K  $\Omega$  over  
Audio Input level/Impedance:0.3Vrms/4.7K  $\Omega$  under
- Dimensions(W × H × D) 350 × 332 × 370(mm)
- Weight Approx. 14kg
- Ambient Temperature 0-40°C/32-106° F(Performance Range)
- Accessory Owner's manual

*Design and specifications are subject to change without notice.*