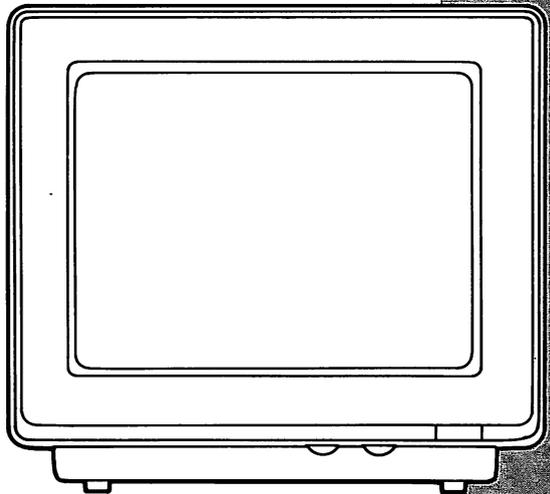


# ATARI® SC1224 COLOR MONITOR



For Use With All  
ATARI ST™ Computers

**For Customer Use:**

Enter below the Serial No. found on the rear of the cabinet. Retain this information for future reference.

Model No. **SC1224 VERSION 2**

Serial No. \_\_\_\_\_

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## **Please Note:**

Every effort has been made to ensure the accuracy of the product documentation in this manual. However, because Atari Corp. is constantly improving and updating its computer hardware and software, we are unable to guarantee the accuracy of printed material after the date of publication and disclaim liability for changes, errors, or omissions.

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# Radio and Television Interference

Like any electrical appliance. This ATARI Computer equipment uses and produces radio-frequency energy. If not installed and used according to the instructions in this manual, the equipment may cause interference with your radio and television reception.

The SC1224 VERSION 2 COLOR MONITOR has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of the FCC rules. These rules are designed to provide reasonable protection against such interference when the equipment is used in a residential setting. However, there is no guarantee that interference will not occur in a particular home or residence.

If you believe that this equipment is causing interference with your radio or television reception, try turning the equipment off and on. If the interference problem stops when the equipment is turned off, then the equipment is probably causing the interference. With the equipment tuned on, you may be able to correct the problem by trying one or more of the following measures:

- Adjust the position of the radio or television antenna.
- Reposition the equipment in relation to the radio or television set.
- Move the equipment away from the radio or television set.
- Plug the equipment into a different wall outlet so that the equipment and the radio or television set are connected to different branch circuits.

If necessary consult your ATARI Computer retailer or an experienced radio-television technician for additional suggestions.

A resource that you may find helpful is a booklet prepared by the Federal Communications Commission: How to identify and Resolve Ratio-TV INTERFERENCE Problems. This booklet is available from the U.S. Government Printing Office. Washington, DC 20402, Stock No. 004-000-00345-4.



**CAUTION**  
**RISK OF ELECTRIC SHOCK**  
**DO NOT OPEN**



**CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**

The graphic symbols on the back cover of the Monitor means the following:



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.

**WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**

**AVERTISSEMENT: POUR EVITER TOUT RISQUE D'INCENDIE OU D'ELECTROCUTION, NE PAS EXPOSER L'APPAREIL A LA PLUIE OU A L'HUMIDITE.**

# Meet the ATARI SC1224 VERSION 2 Color Monitor

Your new SC1224 VER. 2 Color Monitor supports your ATARI ST Computer with state-of-the-art, high-resolution, color video display. Its tastefully designed housing encases many special and advanced features: for example, the ability to display high-resolution bit-map graphics with very low geometric distortion levels. The end result is performance: the SC 1224 VER. 2 delivers clean, sharp images over its entire display screen.

## Unpacking Instructions

1. Using both hands, lift the monitor and the foam packing out of the box.
2. Place the monitor on a firm, level surface and remove the packing materials.
3. Packed along with your SC1224 VER. 2 Color Monitor you should find one PC cable, one power cord, instruction manual, warranty card and sales record card. Before going on, make sure you have received these items.

**Note:** Save all packing materials for use in storing or transporting your monitor.

## Connecting the Monitor

Place your monitor securely on a firm, level surface. Position it to the side, above or in back of your computer, whichever affords you the most viewing comfort.

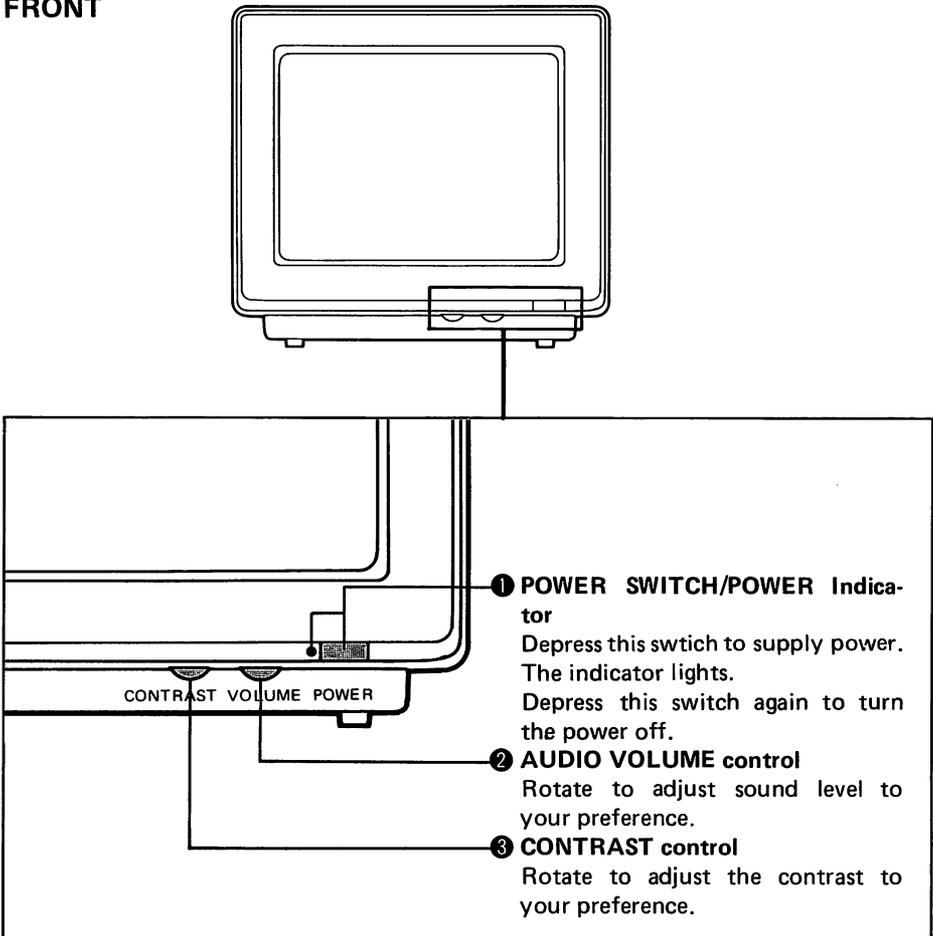
**Warning:** Although connecting and operating your new monitor is not difficult, you must take care to use it correctly and safely. As with any electrical appliance, certain hazards may present themselves if the monitor is not properly installed and maintained. Please read the section, "Care and Safety" before connecting the monitor to your computer system.

To connect the monitor to your computer system, follow these steps:

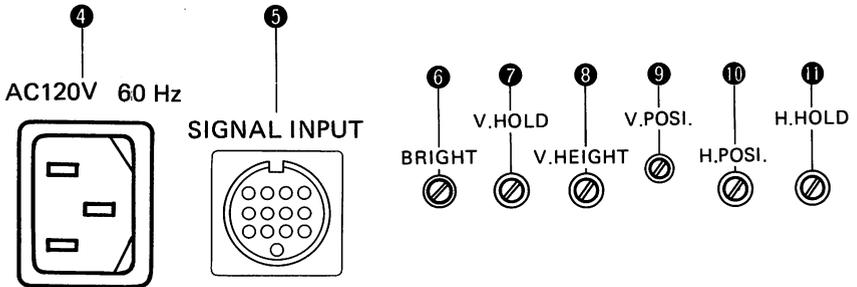
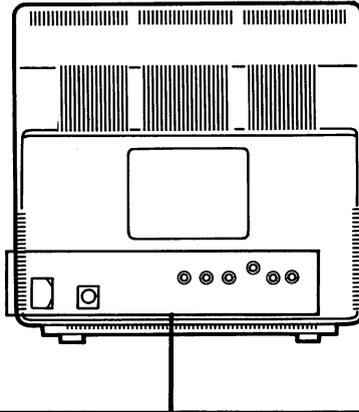
1. Connect the cable from your signal source to the 13-pin DIN connector in the back of the unit.
2. Connect the power cord to specified outlet, and push the **POWER SWITCH** to set the unit on and then switch your computer on. It will be approximately 10 seconds before the picture comes on the screen.
3. Adjust the screen image using the controls.

## Controlling and Adjusting the Monitor

**FRONT**



## REAR



**4 AC INPUT connector**

Connect to the power cord.

**5 SIGNAL Input connector**

Connect to the signal output of the computer.

**6 BRIGHTNESS control**

Rotate to adjust the brightness to your preference.

**7 Vertical Hold control**

Rotate to adjust the vertical synchro.

**8 Vertical Height control**

Rotate to adjust the vertical amplitude.

**9 Vertical Position control**

Rotate to adjust the vertical position.

**10 Horizontal Position control**

Rotate to adjust the horizontal position.

**11 Horizontal Hold control**

Rotate to adjust the horizontal synchro.

(For adjustment of the controls 6 ~ 11, use a small screw driver.)

### NOTE:

Use only the shielded cable provided with the unit. If extension cables are used, make sure it is a shielded type.

# Troubleshooting

Your SC1224 VERSION 2 Color Monitor has been designed to provide years of reliable high performance. But as with any electrical appliance, at times things can go wrong. If you experience problems that you think may be serious, the best course is to take your monitor to an authorized ATARI Service Center.

These are some typical monitor problems, and the steps you should take to resolve them:

<b>Problem</b>	<b>Solution</b>
No picture.	<ol style="list-style-type: none"><li>(1) Power is not switched on.</li><li>(2) Power cord is not plugged in securely. Check both the monitor and outlet connections.</li><li>(3) Video cable is not attached properly to your computer. Check the connection.</li><li>(4) Brightness control is turned down all the way. Adjust the brightness.</li><li>(5) Contrast control is turned down all the way. Adjust the contrast.</li></ol>
Display is faulty: it rolls or vibrates; images are distorted; images appear blurred.	Your monitor or computer needs internal repair or adjustment. Contact an authorized ATARI Service Center.

**Note;** This unit contains no user-serviceable parts. Always refer service to an authorized Service Center. If you remove the housing of the SC1224 VERSION 2 Color Monitor, you will void your warranty.

# Care and Safety

To ensure full performance and safe operation of your SC1224 VERSION 2 Color Monitor, follow these simple guidelines:

- The recessed vents in the monitor's housing help to cool it while operating. Never obstruct the airflow through these openings by placing the monitor on a bed or sofa. Never place the monitor in a bookcase or other tightly enclosed area unless adequate ventilation is provided.
- Do not place spillable liquids on top or near the monitor (and do not operate the monitor near water.) Spilling liquids into the ventilation slots will seriously damage your monitor. If such an accident does occur, immediately switch the monitor off, unplug it, then contact an authorized ATARI Service Center.
- To avoid electric shock, never poke any object through the ventilation openings, and never open the monitor's housing yourself. Caution children not to poke anything through the vents.
- Always grasp the solid plastic plug, not the cord itself or the plug's prongs, when plugging in or unplugging the monitor.
- Do not leave the monitor switched on when not in use. Unplug your monitor if you do not intend to use it for an extended period of time.
- Keep the monitor out of direct sunlight and do not expose it to expose it to extreme temperatures or high humidity.
- Keep the monitor squarely on a firm, level surface.
- Avoid scratching the screen's surface. Keep hard, sharp objects (such as rings and other jewelry) away from the monitor's screen. And never set the monitor face down.
- Clean the screen with a soft, clean, slightly damp (not wet), lint-free cloth. Do not use spray cleaners as their spray may inadvertently reach the ventilation opening.
- If strange smells or sounds come from the monitor, switch it off, unplug it, and contact an authorized ATARI Service Center.

# Customer Support

Atari Corp. welcomes any questions you might have about your SC1224 VERSION 2 Color Monitor or about any other ATARI Computer product. Write to:

Atari Customer Relations  
P.O. Box 61657  
Sunnyvale, CA 94088

Please write the subject of your letter on the outside of the envelope.

Or contact your local Atari User Group. They are an outstanding source of information on how to get the most from your ATARI Computer. To receive a list of User Groups in your area, send a self-addressed stamped envelope to:

ATARI User Group List  
P.O. Box 61657  
Sunnyvale, CA 94088

## SC1224 VERSION 2 Color Monitor Specifications

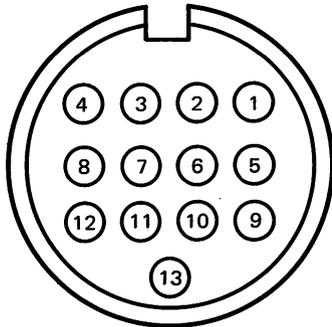
Type	: 12-inch color CRT MONITOR
Picture Tube	: 12", 90° deflection, In-line electron guns. Dot trio phosphor (0.385 mm pitch), Short persistence, polish/dark grey
Screen Size	: 240 mm (H) x 180 mm (V)
Display Format	: 640 x 200 dots
Display Size	: 216 mm (H) x 160 mm (V)
Input Signal	: R.G.B. 1.0 Vp-p, ANALOG level, 75 ohms : H.V. sync. (nega.) TTL level, 5 k ohms : Audio 1.0 Vp-p, 220 ohms
Input Connector	: 13-pin DIN connector
Video Band Width	: 16 MHz (-3 dB)
Scanning Frequency	: H 15.75 kHz V 60 Hz

Power Supply : 120 V AC, 60 Hz  
 Power Consumption : 120 V AC, 1 A (max.)  
 Environmental Requirements : Temperature 0°C ~ 40°C  
 : Relative Humidity 35 ~ 80 % RH  
 Dimensions : 326 (W) x 295 (H) x 377 (D) mm  
 Weight : 10 kg

Inventory List                      Power cord  
     Instruction manual  
     Warranty card

*Design and specifications subject to change without notice.*

<Signal Input Connector>



13 pin DIN connector

Pin No.	Signal
1	Audio
2	NC
3	
4	
5	+15 V
6	Green
7	Red
8	Ground
9	H. SYNC.
10	Blue
11	NC
12	V. SYNC.
13	Ground



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Printed in Japan  
SC1224V2-1B-A (A) 2