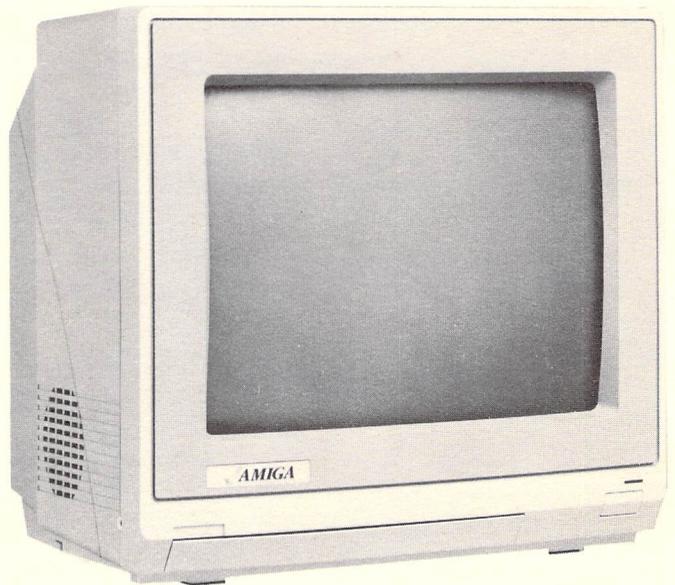


**AMIGA**

# Monitor Model 1080



## NOTE

This equipment generates and uses radio frequency energy. If not properly installed and used in strict accordance with the manufacturer's instructions, this equipment may interfere with radio and television reception. This machine has been tested and found to comply with the limits for a Class B computing device in accordance with specifications in Subpart J of FCC Rules, designed to provide reasonable protection against such interference in a residential installation. If you suspect interference, test this equipment by turning it off and on. If you determine that there is interference with radio or television reception, try one or more of the following measures to correct it:

- Reorient the receiving antenna.
- Move the computer and this monitor away from the receiver that is picking up interference.
- Change the relative positions of the computer equipment and the receiver.
- Plug the Amiga and this monitor into a different outlet so that the Amiga and the receiver are on different branch circuits.

If necessary, consult your Amiga dealer or an experienced radio/television technician for additional suggestions. You may also consult the following booklet, prepared by the Federal Communications Commission: *How to Identify and Resolve Radio—TV Interference Problems*, available from the U.S. Government Printing Office, Washington, D.C., 20402, Stock No. 004-000-0035-4.

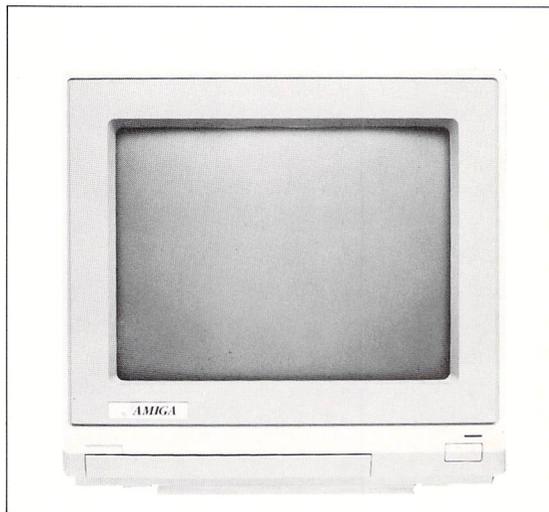
**WARNING: There is dangerous high voltage present in this monitor. Do not expose it to moisture. Such exposure could cause fire or electric shock. If you have technical problems with your Amiga Monitor Model 1080, unplug the monitor and call your dealer or service technician.**

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Commodore Business Machines, Inc., 1200 Wilson Drive, West Chester, PA 19380

# Amiga Monitor Model 1080



# Introducing Your Monitor

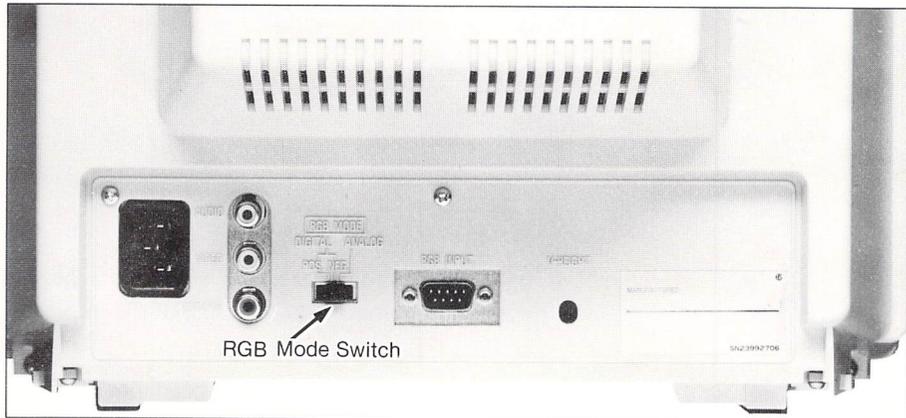
Please read this brief manual carefully before you try to use your monitor. This manual shows you how to set the monitor in its recommended operating mode, connect it, and be sure that everything is working properly. It also explains the picture controls and gives instructions for the installation, use, and service of the Amiga Monitor Model 1080.

The Amiga Monitor is a full-color monitor that features a 13-inch screen. For safety reasons, be sure to take note of the warnings in this manual, and do NOT remove the back cover or otherwise attempt to service this monitor. If you have problems with your monitor that are not covered in this manual, see your Amiga dealer or a qualified technician.

## Setting the Operating Mode

The operating mode for the Amiga is Analog RGB. This gives 80-column full-color capability.

1. Select the RGB mode on the VIDEO MODE switch to the far right on the front control panel of the monitor.



2. Set the RGB MODE SWITCH (on the back of the monitor directly to the left of the RGB INPUT socket) to Analog display mode. The switch should be set to the far right.

## Connecting Your Monitor to the Amiga

There are two cables (one video cable and one audio cable) for connecting your monitor to the Amiga. The video cable is thick and has large silver D-connectors on either end. The audio cable is thin and has identical phono jacks on either end. Before you connect either cable, turn off the power to both the Amiga and the monitor.

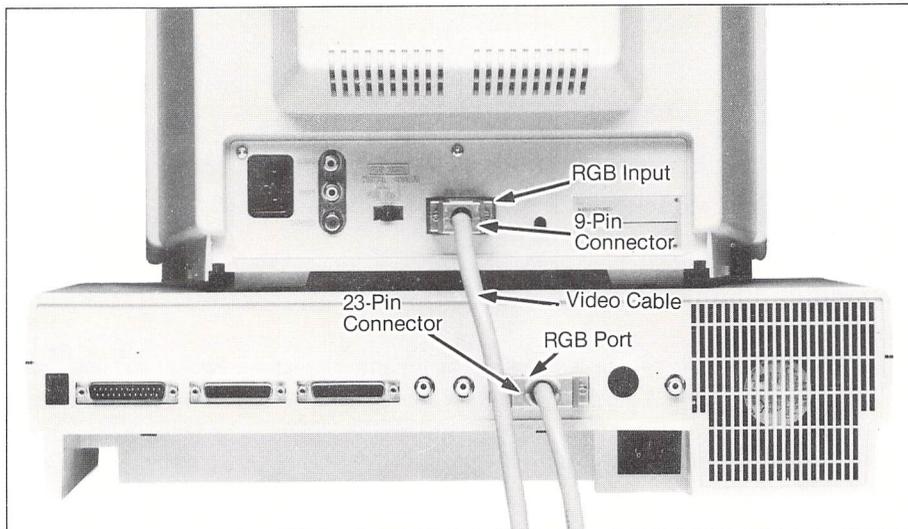
1. The video cable with the “D-connectors” hooks up the monitor to the RGB connector on the back of the Amiga.
2. The audio cable (monaural) connects to the right and left connectors on the back of the Amiga.

**NOTE: Shielded cable must be used for the connection between this monitor and the Amiga.**

## Connecting the Video Cable

To connect the video cable to the Amiga, just follow these steps:

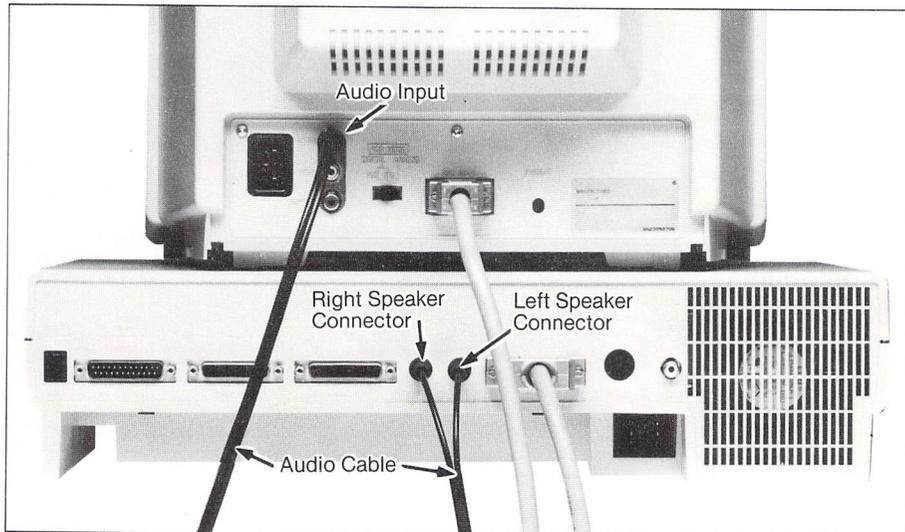
1. Plug the larger (23-pin) “D-connector” end into the RGB port (the third port from the right) on the back of the Amiga. Manually tighten the thumb screws on either end of the connector.
2. Plug the other end of the cable (the 9-pin D-connector) into the socket labeled RGB INPUT in the middle of the back of the monitor.



## Connecting the Audio Cable

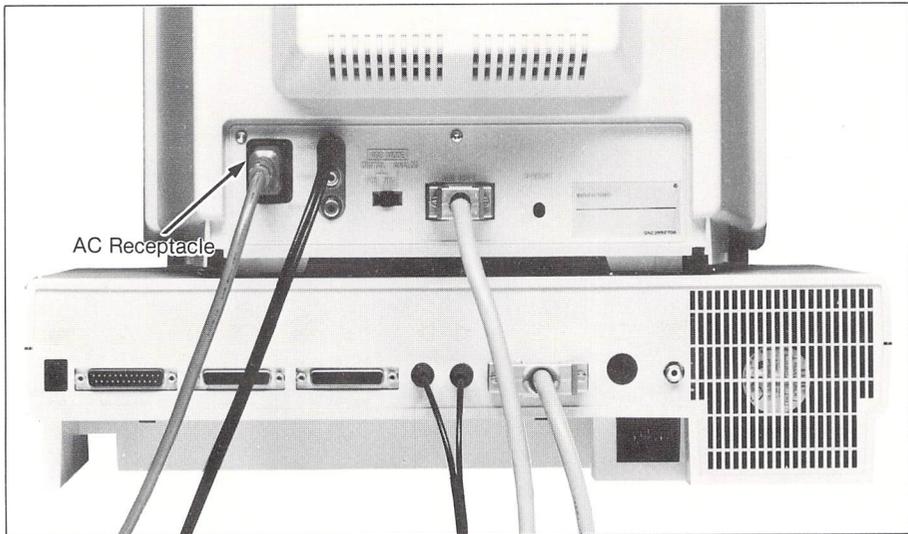
To connect the audio cable to the Amiga, just follow these steps:

1. Connect the ends of the audio cable to the left and right speaker connectors on the rear panel of the Amiga.
2. Connect the other end of the audio cable to the Audio Input on the back of the monitor.



## Turning On Your Monitor

There is one power cord provided for connecting the monitor to a power source. After connecting your monitor to the Amiga, insert one end of the black power cord into the AC receptacle on the back of the monitor and the three-pronged electrical plug end into a power outlet.



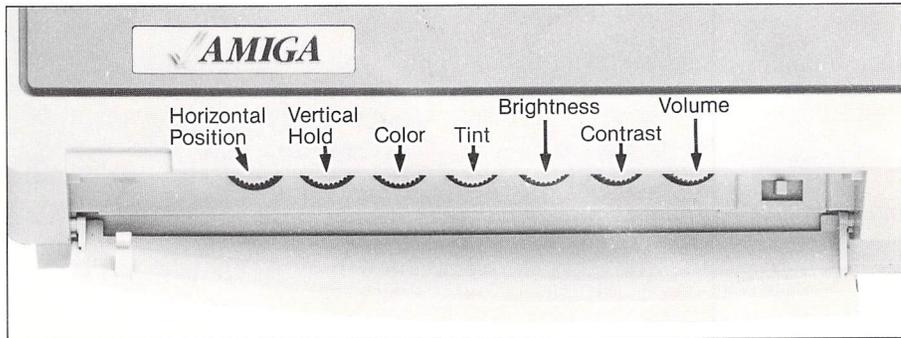
Follow these steps to turn on the monitor:

1. To turn the monitor on, push in the power switch. The **POWER INDICATOR LIGHT** on the right side of the front of the monitor shows you when the power is on. Always turn the monitor on **BEFORE** you turn on the Amiga.
2. Turn on the Amiga. You can tell that both the Amiga and the monitor are working correctly when you see the monitor display the Amiga opening message.

3. Later when you're ready to turn the power off, press the power button again. The button pops back up, and the power light goes out.

## Using the Monitor Picture Controls

To adjust the monitor's picture, use the control knobs that are behind the panel located beneath the monitor screen. The panel opens from the top. To open the panel cover, just pull the cover down by pressing at the finger depression at the top left edge.



### **Tint and Color Controls**

Since the colors and intensities are preset in RGB mode, the tint and color controls have no effect.

### **Brightness Control**

To increase brightness, turn this knob clockwise. To make the screen picture darker, turn this knob counterclockwise. The normal setting is at the center (indicated by the detent).

### **Contrast Control**

To increase contrast, turn this knob clockwise. The normal setting is at the center (indicated by the detent).

### **Horizontal Position Control**

To move the center of the picture to the right, turn this knob clockwise. To shift the center of the picture to the left, turn the knob counterclockwise.

### **Vertical Hold Control**

To stop vertical rolling of the picture, turn this knob until the picture stops rolling.

### **Volume Control**

To increase sound volume, turn this knob clockwise. To decrease the volume, turn the knob counterclockwise.

### **Headphone Jack**

Plug 1/8-inch headphone connectors into this opening. When headphones are plugged in, the speaker is disconnected.

### **Vertical Height Control**

The vertical height control is at the back of the monitor. To correct up or down screen-distortion, adjust this control with a nonmetal screwdriver.

## Safety Precautions

This monitor has been engineered and manufactured to assure your personal safety. **However, improper use can result in potential electrical shock or fire hazards.** In order not to defeat the safeguards incorporated into this monitor, observe the following basic rules for its installation, use, and servicing. Follow all warnings and instructions marked on your video monitor.

## Installation

To install the monitor follow the instruction below.

1. Your monitor is equipped with a 3-pronged 120-volt AC line plug. This safety feature allows the plug to fit into the power outlet only one way. If it is necessary to use a 2-prong plug adapter, make sure the adapter is properly grounded according to its instructions.
2. Operate the monitor only from a power source as indicated on the monitor or refer to the user's manual for this information. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
3. Overloaded AC outlets and extension cords are dangerous. So are frayed power cords and broken plugs. They may result in a shock or fire hazard. Replace worn or damaged cords and plugs. Do not use more than one plug adapter on one power outlet.
4. Do not allow anything to rest on or roll over the power cord, and do not place the monitor where the power cord will be subject to traffic or abuse. This may result in a shock or fire hazard.
5. Do not use this monitor near water—for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, and so forth.

6. The ventilation openings in the monitor's case allow heat to be released. If these openings are blocked, heat built up within the monitor may cause failures that can result in a fire hazard. So, take these precautions:
  - Never block the bottom ventilation slots by placing the monitor on a bed, sofa, rug, etc.
  - Never place a monitor in a "built-in" enclosure unless proper ventilation is provided.
  - Never cover the ventilation openings with cloth or other material.
  - Never place the monitor near or over a radiator or heat register.
7. To avoid personal injury, take these precautions:
  - Do not place the monitor on a sloping shelf unless it's properly secured.
  - Place the monitor only on a stand that has been recommended by the manufacturer.
  - Do not place the monitor on a stand with small casters and then try to roll it across door thresholds or deep-pile carpets.
  - To mount the monitor on a wall, use factory-approved instructions.

### **Using the Monitor**

The following tips will help assure your continued safe use of the monitor.

1. If it is necessary to leave the room for more than a short period of time, always turn the monitor off. Always turn the monitor off when you leave the house. Any malfunction in the monitor can result in a fire hazard.
2. Caution children about dropping or pushing objects into the openings in the monitor's case. Some internal parts carry hazardous voltages and will cause electrical shock.
3. Unplug the monitor from the wall outlet before cleaning the face of the picture tube. Use a slightly damp (not wet) cloth. Do not use an aerosol spray directly on the screen since any overspray can cause an electric shock.
4. Never add accessories to a monitor that has not been designed for this purpose. Such additions may create an electrical shock hazard.
5. For added protection, unplug the monitor from the power source during an electrical storm or when the monitor is to be left unattended for a long time. This prevents shocks and fire hazards due to lightning or power-line surges.
6. Do not bring magnetic devices such as magnets or motors near the screen. They may damage the color purity of the picture.
7. Sometimes you'll feel static electricity when you touch the surface of the screen. This is normal for any TV set or monitor and is harmless to you and to the monitor.

### **Servicing the Monitor**

You should adjust only those controls that are covered in the operating instructions; improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the monitor to normal operations.

Unplug the monitor from the wall outlet and call qualified service personnel under the following conditions:

1. When the power cord or plug is damaged or frayed.
2. If the monitor has been exposed to rain or water.
3. If liquid has been spilled into the monitor.
4. If the monitor has been dropped or its cabinet has been damaged.
5. If the monitor emits snapping or popping sounds continuously or frequently. It is normal for some monitors to make occasional snapping or popping sounds, particularly when being turned on or off.

If the monitor has a distinct change in performance, it needs servicing. Call a service technician whenever the monitor does not function normally and you have followed the operating instructions.

Do not attempt to service this monitor yourself. Opening or removing covers may expose you to dangerous voltages or other hazards. Dangerous high voltage is present even when the monitor is unplugged. Refer all servicing to qualified service personnel.

When replacement parts are required, have the service technician verify in writing that the replacements used have the same safety characteristics as the original parts. Use of manufacturer's specified replacements can prevent fire, shock, or other hazards.

Ask the service technician to perform the safety check described in the manufacturer's service literature upon completion of any service or repairs to the monitor.

When a monitor reaches the end of its useful life, improper disposal could result in picture tube implosion. Ask a qualified service technician to dispose of the monitor.



