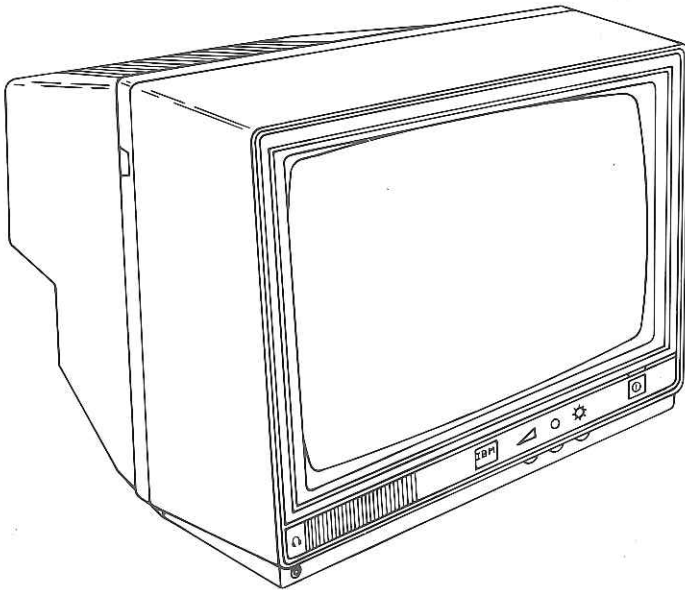


IBM PCjr Color Display Installation and Operating Instructions



If your IBM PCjr has not been set up at this time, do so before installing this option.

This option consists of the following:

- IBM PCjr Color Display
- Power Cord
- Signal Cable

If any of these items are missing or damaged, notify your place of purchase.

LIMITED WARRANTY

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FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT

Warning: This equipment has been certified to comply with the limits for a Class B computing device, pursuant to Subpart J of Part 15 of FCC rules. Only peripherals (computer input/output devices, terminals, printers, etc.) certified to comply with the Class B limits may be attached to this computer. Operation with non-certified peripherals is likely to result in interference to radio and TV reception.

INSTRUCTIONS TO USER

This equipment generates and uses radio frequency energy and if not installed and used properly, i.e., in strict accordance with the operating instructions, reference manuals, and the service manual, may cause interference to radio or television reception. It has been tested and found to comply with the limits for a Class B computing device pursuant to Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated in a residential installation.

If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna.
- Relocate the equipment with respect to the receiver.
- Move the equipment away from the receiver.
- Plug the equipment into a different outlet so that equipment and receiver are on different branch circuits.
- Ensure that side option mounting screws, attachment connector screws, and ground wires are tightly secured.
- If peripherals not offered by IBM are used with this equipment, it is suggested that you use shielded, grounded cables with in-line filters, if necessary.

If necessary, consult your dealer service representative for additional suggestions.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. It is the responsibility of the user to correct such interference.

CAUTION

This product is equipped with a line cord and plug designed for the user's safety. It is to be used with a properly grounded power receptacle to avoid possible electrical shock.

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Installation Requirements

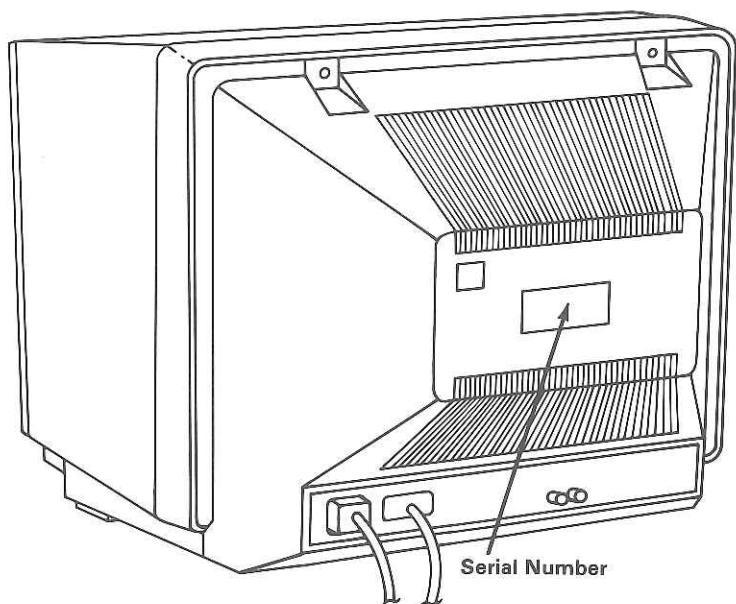
Your IBM PCjr must be set up before you can install this option.

Tools Required

- none

Installation Instructions

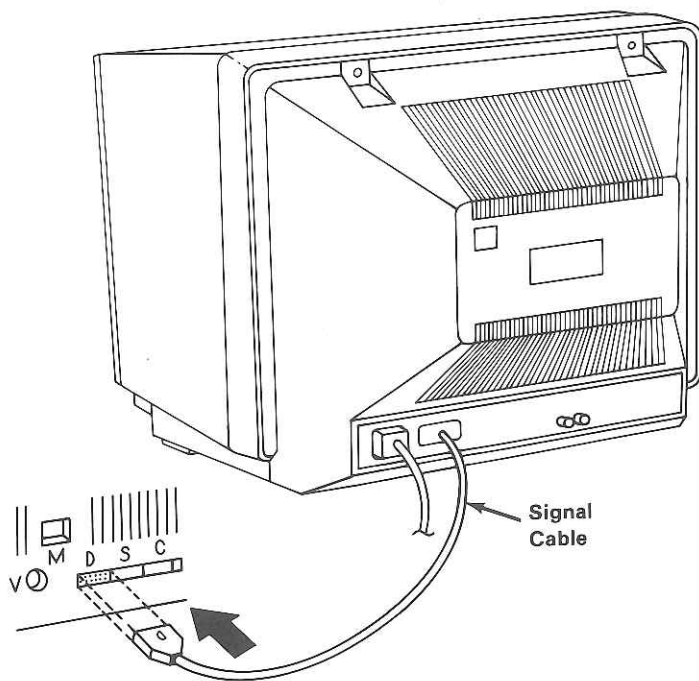
- 1 Remove your IBM PCjr Color Display from the shipping carton. You may want to save the shipping carton for future use.



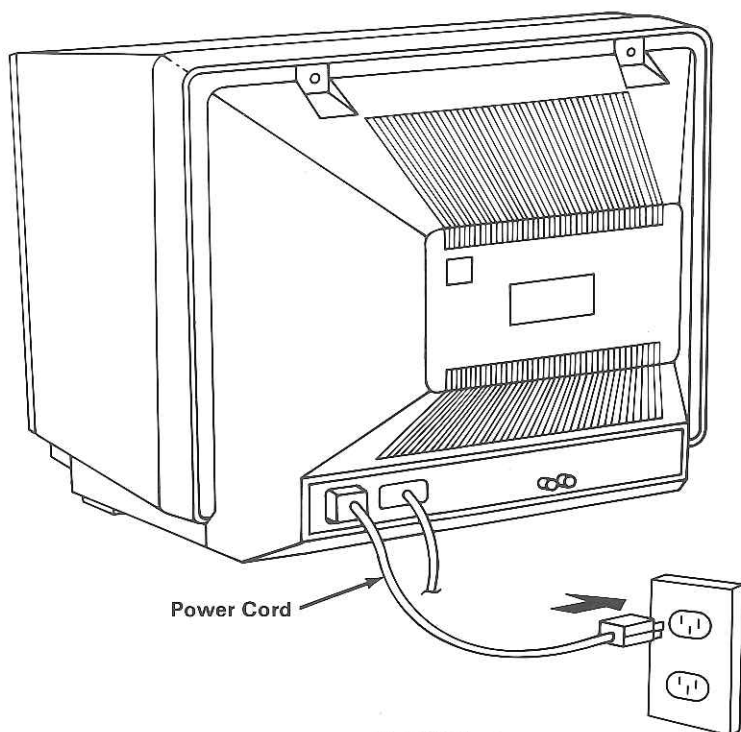
- 2 Record your IBM PCjr Color Display serial number here:

Serial Number _____

- 3 Turn your IBM PCjr power off.
- 4 If the display power cord is not attached, plug it into the back of your display.
- 5 Connect the display signal cable to the connector marked D on the rear of your IBM PCjr. The signal cable fits only one way.



- 6** Plug the display power cord into a working electrical outlet.



CAUTION: Connect to a properly grounded outlet

7 Your IBM PCjr Color Display is installed.

Important:

Insert these option instructions into Section 5 of the *Guide to Operations* manual.

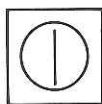
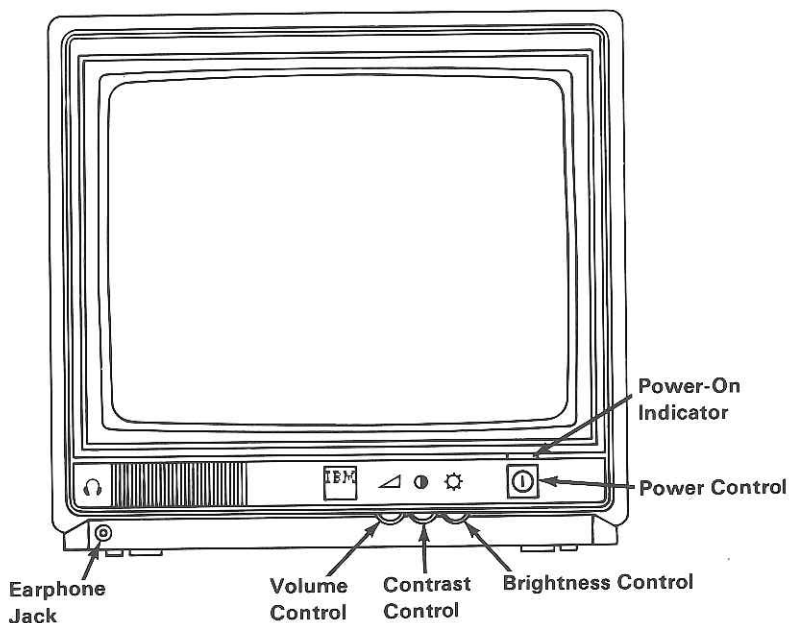
8 If you have any other PCjr options to install, install them at this time.

If you do not have any other PCjr options to install, continue normal operation.

Note: If you have diskette errors while using the IBM PCjr Color Display, move the IBM PCjr Color Display away from your IBM PCjr.

Operating Instructions

Controls



The Power control is a push button. Pushed once, the power is turned on. Pushed again, the power is turned off. The Power-on Indicator lights when the power is on.



The Brightness control increases screen brightness when turned clockwise and decreases screen brightness when turned counterclockwise.



The Contrast control changes the brightness of some colors when you compare them to other colors on the screen. When the Contrast control is turned clockwise some colors get brighter. When the Contrast control is turned counterclockwise some colors get darker.

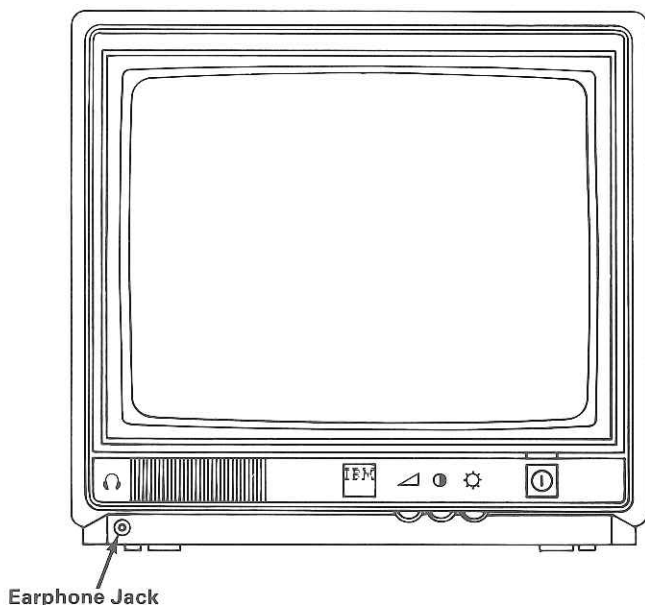


The Volume control increases the sound volume from the display speaker when turned clockwise, and decreases the sound volume when turned counterclockwise.

Earphone Jack

The Earphone Jack is on the front of the display. When an earphone is plugged into the Earphone Jack, the display speaker is disconnected.

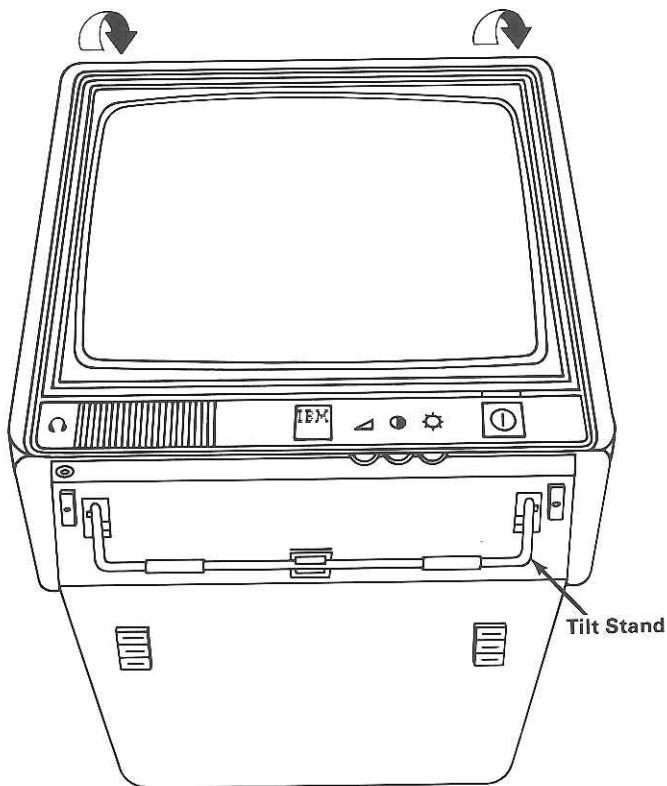
The Earphone Jack has an output impedance of 100 ohms and accepts a standard 3.5 millimeter monophonic plug.



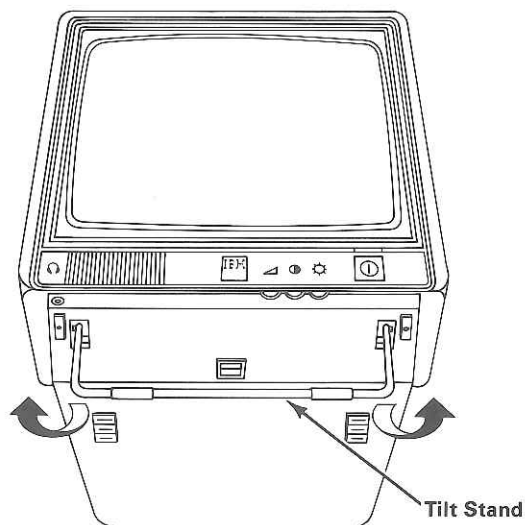
Tilt Stand

The Tilt Stand is used to adjust your display to a comfortable viewing position. There are three tilt positions: no tilt, half tilt, and full tilt. To use the stand, do the following:

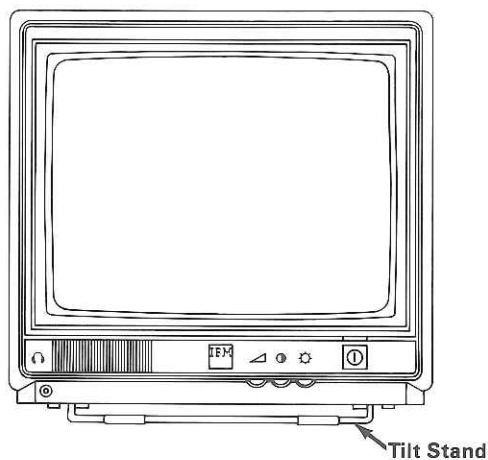
- 1 Turn the display power off.
- 2 Make sure there is 304 mm (12 in.) of clear workspace behind the display.
- 3 Lift the front of the display up until the display rests on its back.



- 4** Move the Tilt Stand into one of its positions.



- 5** Return the display back to the viewing position.

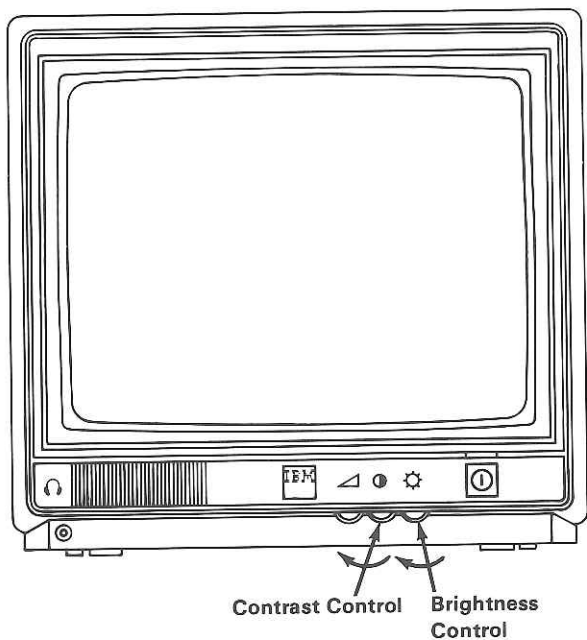


Adjustments

Vertical Hold Adjustment

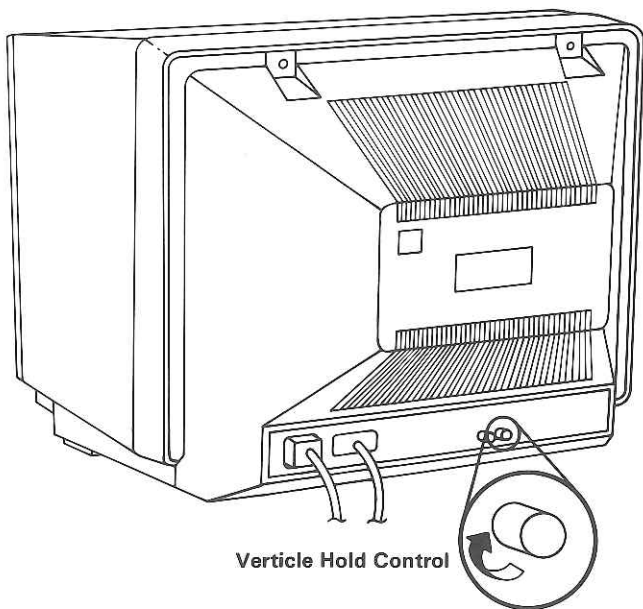
Use this adjustment only if the IBM PCjr Color Display has a vertical hold problem (screen rolling top-to-bottom or bottom-to-top).

- 1 Turn the display power on. Do not turn the PCjr power on.
- 2 Turn the Brightness and Contrast controls fully clockwise.



- 3 Remove any cartridges or diskettes from your IBM PCjr.
- 4 Turn your IBM PCjr power on.

- 5 When the IBM PCjr BASIC Message Screen appears, turn the Vertical Hold control fully clockwise.



- 6 Turn the Vertical Hold control counterclockwise until the screen stops rolling and is stable.

The IBM Personal Computer Basic
Version C1.20 Copyright IBM Corp.1981
XXXXX Bytes free
OK
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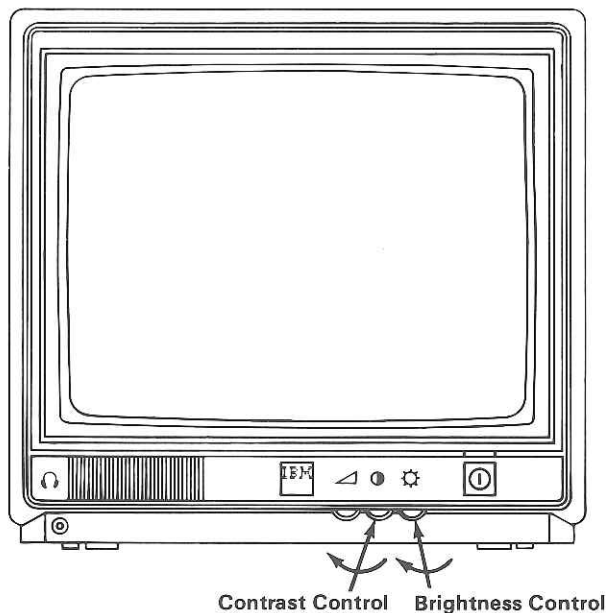
1 LIST 2 RUN 3 LOAD 4 SAVE 5 CONT

- 7 Adjust the Brightness and Contrast controls to a comfortable level.

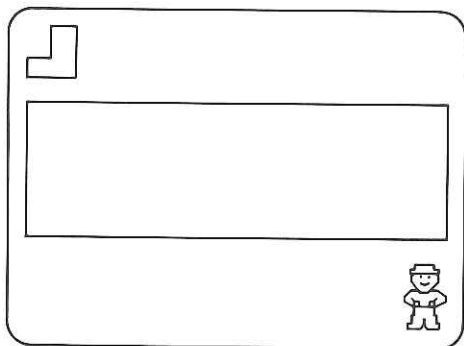
Vertical Size Adjustment

Use this adjustment only if the height of the figures on the screen is wrong.

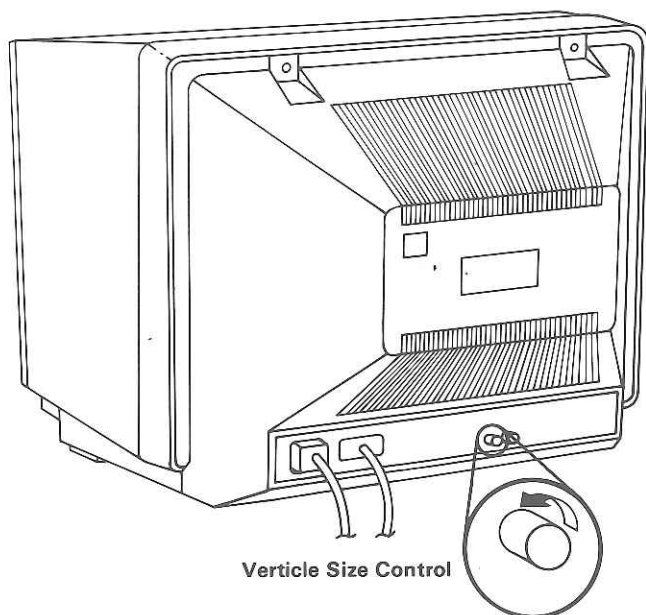
- 1** Turn your display power on. Do not turn the PCjr power on.
- 2** Turn the Brightness and Contrast controls fully clockwise.



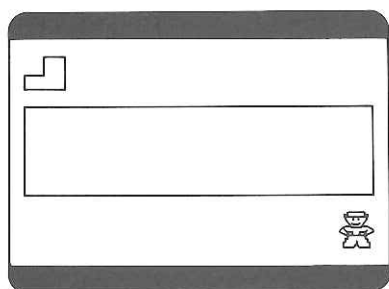
- 3 Remove any cartridges or diskettes from your IBM PCjr.
- 4 Turn your IBM PCjr power on.
- 5 When the IBM PCjr BASIC Message Screen appears, press the Esc key. The following screen appears.



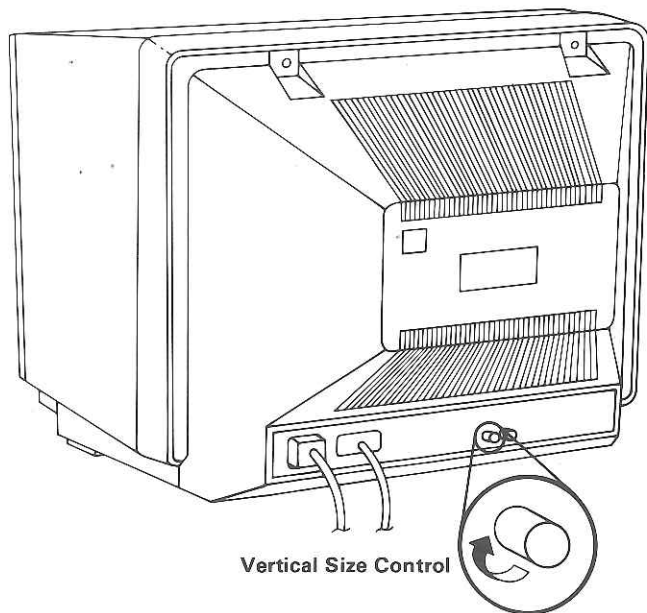
- 6** Turn the Vertical Size control fully counterclockwise.



- 7** Black areas appear at the top and bottom of the screen.



- 8** Turn the Vertical Size control clockwise until the black areas disappear from the top and bottom of the screen. One of the black areas may disappear before the other one. Continue turning until both black areas disappear.



- 9** Adjust the Brightness and Contrast controls to a comfortable level.
- 10** Press and hold the Ctrl and Alt keys and then press the Del key. Continue with normal operations.