

PRESENTATION Series

MONITOR

**Operating Guide
and Warranty**

for Model
PRO880

ZENITH

THE QUALITY GOES IN BEFORE THE NAME GOES ON[®]



recycled paper

SAFETY WARNINGS



WARNING

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**



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

TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.



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.

POWER-CORD POLARIZATION

This product is equipped with a three-wire grounding-type alternating-current line plug. This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the power outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the three-wire grounding-type plug.

CAUTION

To prevent electric shock, do not use this three-wire, grounding-type plug with an extension cord, receptacle or other outlet unless all three of the blades of the plug can be fully inserted to prevent blade exposure.

REGULATORY INFORMATION

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful 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 or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION

Do not attempt to modify this product in any way without written authorization from the manufacturer. Unauthorized modification could void the user’s authority to operate this product.

SAFETY TIPS

Refer to the “Important Safety Instructions” section of this operating guide for important safety considerations.

IMPORTANT SAFETY INSTRUCTIONS

Your product has been manufactured and tested with your safety in mind. However, improper use can result in potential electrical shock or fire hazards. To avoid defeating the safeguards that have been built into your new product, please read and observe the following safety points when installing and using your new product, and save them for future reference.

Observing the simple precautions discussed in this section of the operating guide can help you get many years of enjoyment and safe operation that are built into your new product.

1. Read Instructions

Read the safety and operating instructions before operating the product.

2. Follow Instructions

Follow all operating instructions.

3. Retain Instructions

Keep the safety and operating instructions for future reference.

4. Heed Warnings

Follow all warnings on the product and in the operating instructions.

5. Cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

6. Water and Moisture

Do not use this product near water — for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.

7. Accessories

Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

8. Transporting Product

A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.



PORTABLE CART WARNING

9. Attachments

Do not use attachments not recommended by the product manufacturer as they may cause hazards.

10. Ventilation

Slots and openings in the cabinet must not be blocked or covered. They are provided for ventilation, to ensure reliable operation of the product, and to protect from overheating. Never block the openings by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

11. Power Sources

This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power or other sources, refer to the operating instructions.

12. Line-Cord Polarization

This product is equipped with a three-wire grounding-type plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.

13. Power-Cord Protection

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

14. Lightning

For added protection for this product (monitor) during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.

15. Overloading

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

IMPORTANT SAFETY INSTRUCTIONS

16. 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.

17. Servicing

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

18. Damage Requiring Service

Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- a. If the power-supply cord or plug is damaged.
- b. If liquid has been spilled, or objects have fallen, into the product.
- c. If the product has been exposed to rain or water.
- d. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by 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 product to its normal operation.

- e. If the product has been dropped or the cabinet has been damaged.
- f. If the product exhibits a distinct change in performance.

19. Replacement Parts

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

20. Safety Check

Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

21. Wall or Ceiling Mounting

The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

24. Heat

Keep the product away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

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|---|--|

Monitor Features

| | |
|---|--|
| <ul style="list-style-type: none"> • Multi-Input Video Connectors • Z-Trak™ Trackball Remote Control with VCR Controls • 24 Hour Clock • Sleep Timer • On/Off Timer with Multiple Settings • Parental Control (Video Source Signal Block) | <ul style="list-style-type: none"> • Z-Trak™ Trackball Remote Control Computer Mouse Capability • Broadcast Standard Signal Selection Mode • On-Screen Menus • On-Screen Status Display • Multi-Language On-Screen Menu Options • Source Identification Labeling |
| <p>(Design and specifications are subject to change without prior notification.)</p> | |

Notes To Users:

Refer any questions about the content of this Operating Guide and Warranty to personnel who have a background at least equivalent to that of an Electronics Technician.

Do Installation First



Caution: Do not operate this equipment until installation has been completed by a qualified service person! This is the Monitor Operating Guide. Before this equipment is ready to be operated on a day-to-day basis, installation should be completed.

See the Monitor Installation and Setup Guide for System Installer. After installation, use only the Trackball remote for everyday operation!

INTRODUCTION

WELCOME

Welcome into the family of Monitor owners. This guide provides instructions on operating your new projection monitor. In addition, we strongly advise you to read and observe the precautions listed in the "Important Safety Instructions" section of this guide. Read this publication carefully so that you will receive full enjoyment from your new projection monitor for many years to come.

Your new projection monitor has been designed and built to give you the very best in quality, features, and performance. For equipment servicing, contact your regional Zenith authorized service center.

If you have an unusual performance or service problem that cannot be satisfactorily resolved by your Zenith authorized service center, write or call Zenith at:

Zenith Electronics Corporation

Zenith Response Center

1000 Milwaukee Avenue

Glenview, Illinois 60025-2493

Telephone: (847) 391-8752

Mon-Fri, 8:00 a.m. - 4:30 p.m. Central Time

www.zenith.com

Send the model number, serial number, and date of purchase or original installation, with a full explanation of the problem and the service history. We will welcome the opportunity to look into your specific question or problem and to help resolve it promptly.

The model and serial numbers of your new monitor are located on the back of the cabinet. For your future convenience and protection, we suggest that you record these numbers here:

Model No. _____

Serial No. _____

INSTALLATION CONSIDERATIONS

Before you install your monitor...



Power Cord — This product has a three-wire grounding-type plug having a third (grounding) pin. As a safety feature, this plug will only fit into a grounding-type power outlet. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.



Power Source — Your monitor is designed to operate on normal household current, 120 volt 60 Hertz AC or 230 volt 50/60 Hertz AC. Do not attempt to operate it on DC current.

Your monitor is configured at the factory for 120 volt, 60 Hz operation. A service adjustment is necessary to permit the unit to operate on 230 volt, 50/60 Hz. See the "Placement and Configuration" section of the Installation and Setup Guide for System Installer.

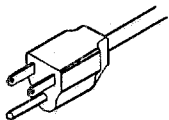
PROJECTION SURFACE — We recommend a good quality screen having a matte white finish. Contact your local dealer for assistance in purchasing an appropriate screen.

Note: Use of a projection screen designed for a single light source projection system may result in significant side-to-side color distortion.

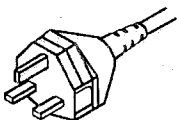
NATIONAL POWER CORD REQUIREMENTS

U.S. AND CANADA

- The power cord must be UL listed and CSA certified.
- The minimum specifications for the power cord are as follows: No. 18 AWG, Type SV or SJ, 3 conductor.
- The power cord must have a rated current capacity of at least 10 amperes.
- The attachment plug must be an earth-grounding type with a NEMA 5-15P (15A, 125V) or NEMA 6-15P (15A, 250V) configuration.



Standard North America
(120 VAC)



North America (240 VAC)

OTHER COUNTRIES

- The cord set fittings must bear the certification mark of the agency responsible for evaluation in a specific country. Acceptable agencies include the following:

| | |
|------------------------|-------------------|
| BSI (United Kingdom) | Nemko (Norway) |
| CEBEC (Belgium) | OVE (Austria) |
| DEMKO (Denmark) | SEMKO (Sweden) |
| EANSW (Australia) | SEV (Switzerland) |
| SETI (Finland) | UTE (France) |
| IMQ (Italy) | VDE (Germany) |
| KEMA (The Netherlands) | MITI (Japan) |
- The flexible cord must be of a HAR (harmonized) type HO5VV-F 3-conductor cord with a minimum conductor size of .03 square inches (1.0 square millimeter).
- The cord set must have a current capacity of at least 10 amperes and a nominal voltage rating of 125 or 250 VAC, as required by the specific country's power system.

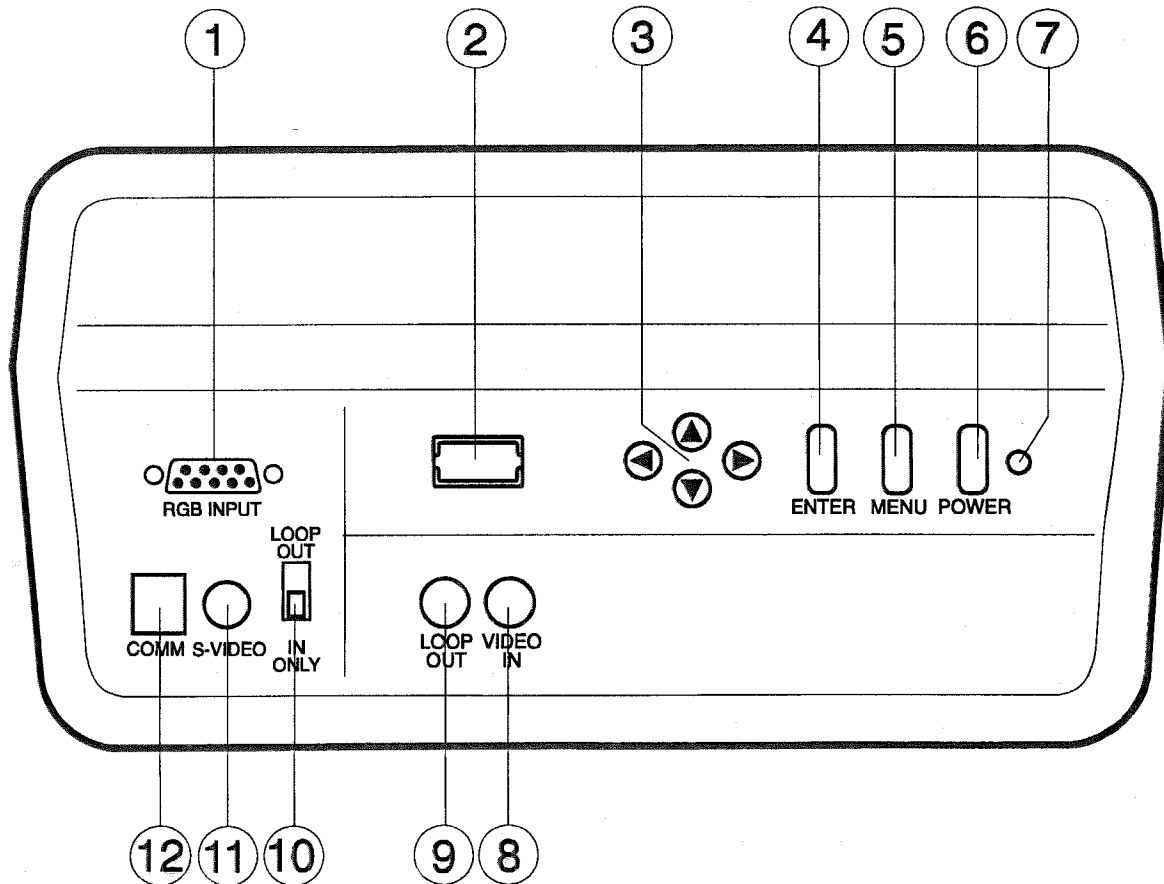
STANDARD CONNECTIONS

CONNECTIONS CENTER

You have a choice of these video source connections: VIDEO; S-VIDEO; and RGB INPUT. Use the COMM connector to connect a computer serial port. (See the Trackball Remote, Computer Mouse Function Keys section for mouse operation details.)

CONNECTIONS OPTIONS

You can connect equipment such as a: laser disc player, VCR, computer, satellite receiver, or camcorder (most equipment that provides a video output).



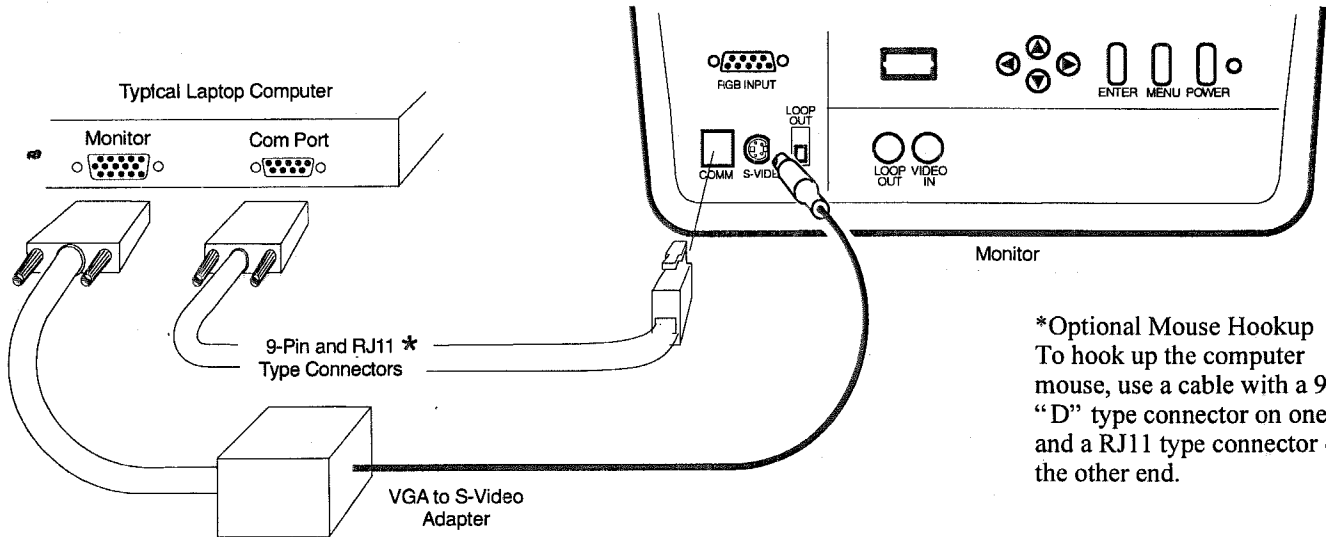
Connections Center Input and Controls Description/Function

1. RGB INPUT — 9-Pin "D" connector for video input.
2. Remote Control Window — Receives the infrared signal sent by the remote.
Note: Another remote control signal receiving window is on the front of the Monitor.
3. Up/Down/Left/Right arrows — Chooses on-screen menu options.
4. ENTER — Use when an enter function is required.
5. MENU — Accesses on-screen menus.
6. POWER — Turns Monitor On and Off.
7. Power On Indicator — Lights when Monitor is On.
8. Video In BNC Connector — Connect a video source with a composite video output to this connector.
9. Loop Out BNC Connector — Output connector, provides the same VIDEO IN signal to another component.
Note: Set Loop Out/In switch to Out if you connect a component to the Loop Out connector.
10. Loop Out/In Switch — Should be in the In position unless a video source is connected to the Loop Out connector.
Note: Failure to set switch to proper position could cause video overload or washed-out video.
11. S-Video In Connector — Connect a video source with an S-Video connector (Y- C Connector) to this input connector.
Note: S-Video may also be referred to as Y-C
12. COMM — Connect a computer or serial device to this connector.

STANDARD CONNECTIONS

CONNECTING COMPUTER VIDEO SOURCES

You may connect a computer: PC, Laptop, or Notebook type, as an S-Video source using an adapter.

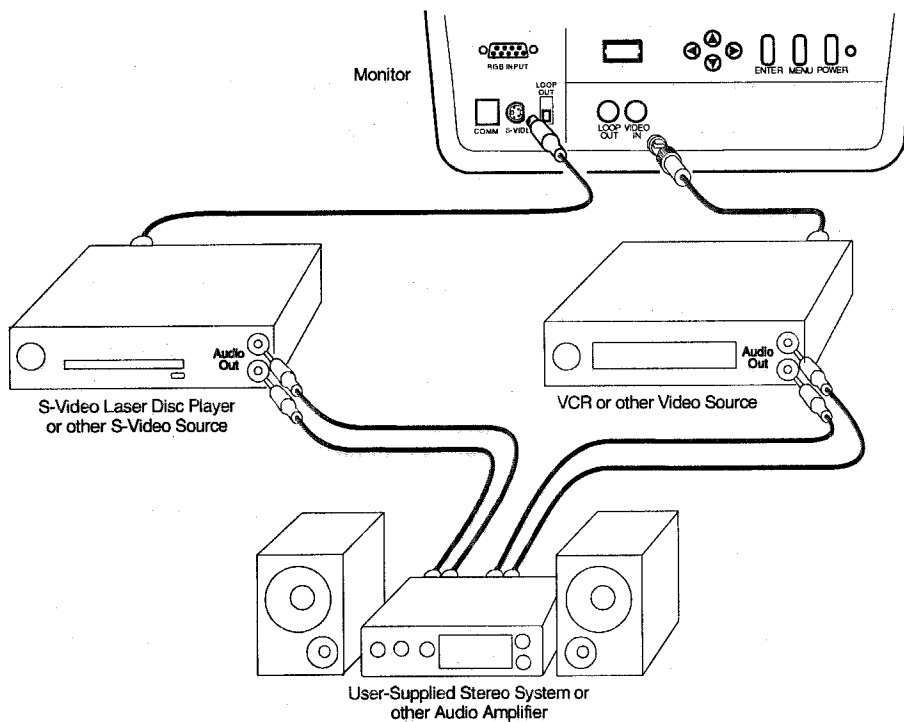


***Optional Mouse Hookup**
To hook up the computer mouse, use a cable with a 9-pin "D" type connector on one end and a RJ11 type connector on the other end.

Note: Special adapters, cables, or connectors shown are not provided with the Monitor. See your computer or audio/video dealer for your system's special requirements.

CONNECTING VIDEO AND S-VIDEO SOURCES (S-Video may be referred to as Y-C)

You can connect video sources with a tuner, such as a VCR, or other video sources, such as a video disc player or satellite receiver.



To hook up a VCR, laser disc player, or other video source, use standard video connectors as needed.

Connect the video source to the Video In connector on the Monitor. If the video source has an S-Video connector, then connect to the S-Video connector on the Monitor.

Notes: For audio capability, you must connect your Video Sources' Audio Output to a separate audio amplifier like a stereo system; no audio capability is provided with the Monitor. Use cables and adapters with the connector styles available on the video source.

USER'S QUICK REFERENCE GUIDE

SETUP CHECKLIST

- Install batteries in remote.
- Turn on the video source you intend to watch. Turn on all system components, including audio amplifier or stereo system if included in your setup. Video Source is the video equipment connected to the Monitor.
- Turn on Monitor.
- Select video source from one of the video inputs provided on the connection center: Video, S-Video, or RGB.
- Set the Monitor internal clock. The internal clock must be set before the Timer Menu option will appear in the Setup Menu.
- Select English, Spanish (Español), or French (Français) for on-screen menus.
- Use other options (fine-tune video image).

BASIC OPERATION: PROJECTING A PICTURE

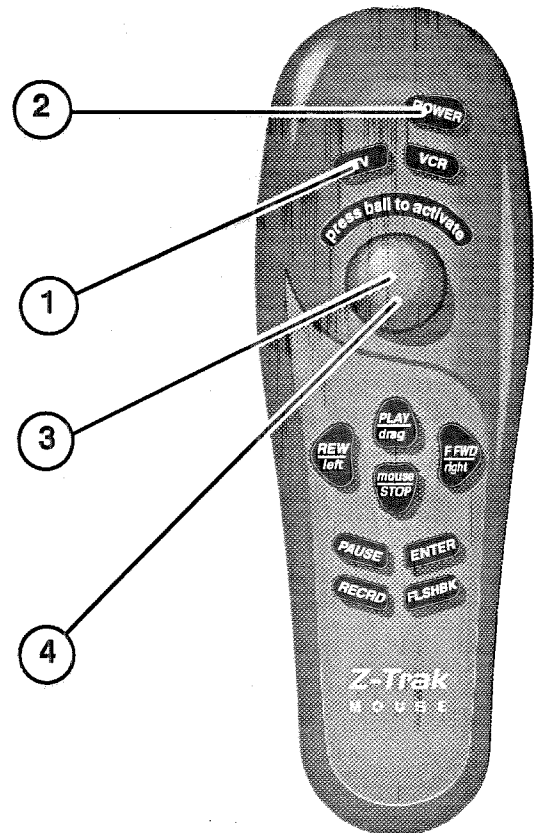
Once the Monitor has been installed and set up, follow these simplified instructions for operation. Turn on all system components.

| Projecting a Picture | |
|----------------------|---|
| 1. | Press TV on remote to select Monitor mode. |
| 2. | Point remote toward Monitor screen and press POWER to turn Monitor On. (Be sure video source is also turned On.) |
| 3. | Press Trackball down and release to place Selector Arrow on Monitor screen. |
| 4. | Rotate Trackball toward top of screen until the Menu Selection Icons appear. Move Selector Arrow to Source Icon, press Trackball down and release to access Source Menu. Select the video source you want to project. |
| 5. | Make any necessary on-screen adjustments using the other available menus. |
| 6. | When finished using Monitor, select TV mode then press POWER to turn Monitor Off. |

Audio Amplifier Note:

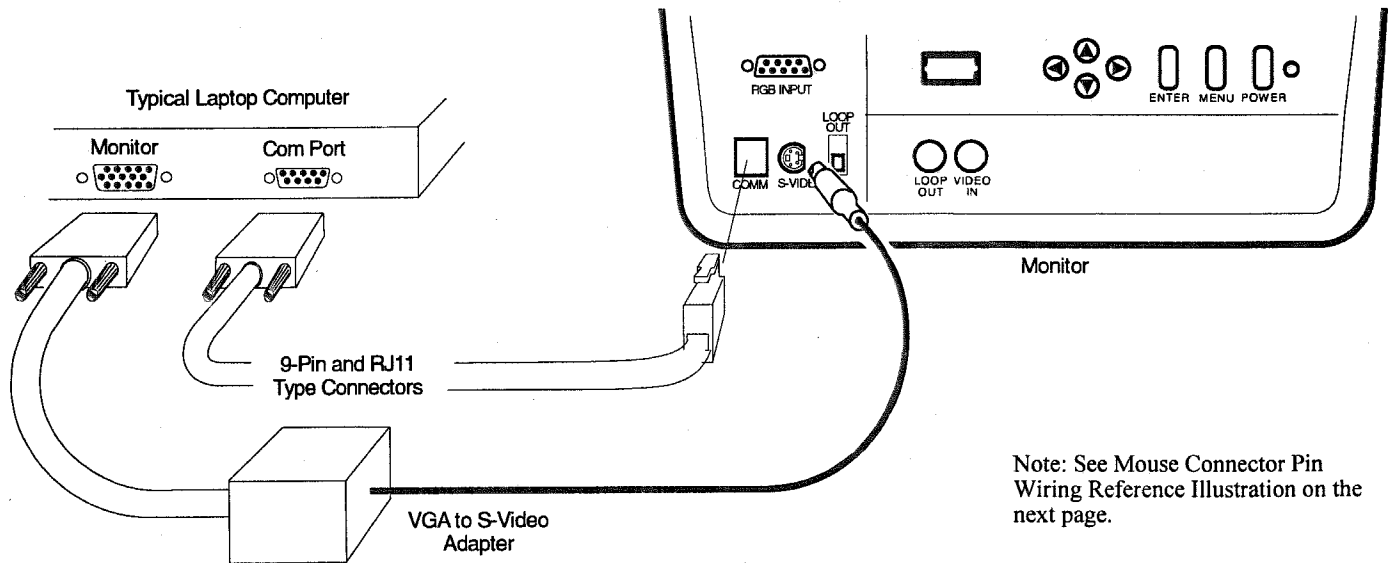
Throughout this section, reference is made to an audio amplifier. The user-supplied audio amplifier may be a stereo system. In that case, connect Right and Left Audio Out from the video source you are using to Right and Left Audio In on the audio amplifier.

Point remote at Monitor screen



USER'S QUICK REFERENCE GUIDE

USING A COMPUTER AS A VIDEO SOURCE

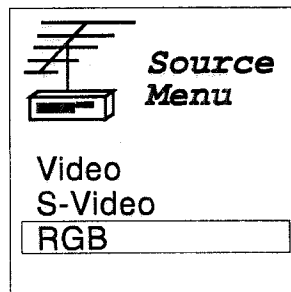


Use Z-Trak™ Trackball remote to access menus and make changes

Once the Monitor has been installed and set up, follow these simplified instructions for operation. See the "Trackball Remote" section for further instructions.

| Computer Setup Instructions | |
|-----------------------------|--|
| Connections | Computer to Monitor RGB INPUT. *Computer serial port to Monitor COMM port. |
| Menus | Source Menu — Select RGB as Video image source. |
| | Setup Menu — Select Aspect Ratio 4 x 3. |
| | Video Menu — Make RGB Source adjustments if necessary. |
| | Mouse Menu — Turn On Z-Trak Mouse mode. (See Mouse Mode Notes.) |
| Adjustments | Make any additional image adjustments as required for this setup. See Installation and Setup Guide for System Installer for set up instructions. |

*Not required for video monitor only use.



Source menu with RGB selected as Input Source

Activating Mouse Mode

1. Press TV.
2. Point Z-Trak remote at Monitor screen.
3. Press mouse on Remote.
4. Select On.



Mouse Mode Notes:



Caution: If you turn On Z-Trak Mouse mode, the Trackball remote functions as a computer mouse; normal Monitor menu functions are not available using the Z-Trak mouse. Select Off from the Z-Trak Mouse Menu to return Trackball remote to normal operation and cancel Mouse mode.

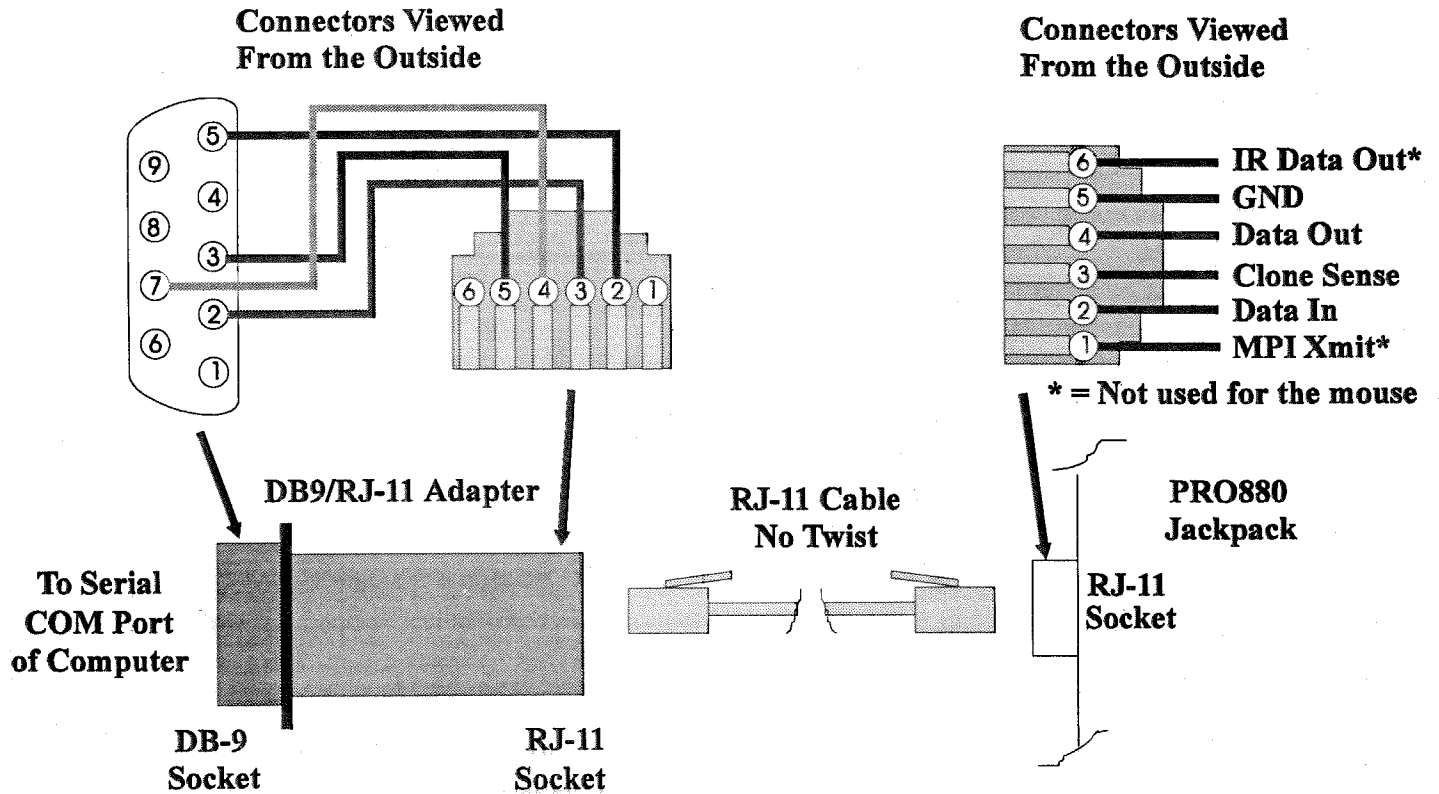
When you finish using a temporary connection (like for a laptop), disconnect it and reset remote to TV mode by turning Off the Computer Mouse function on the Z-Trak Mouse Menu. If you do not turn Off the Mouse mode, the Monitor will not respond to Z-Trak remote key presses.

Trackball Remote Operation as a Computer Mouse

Mouse operation is provided in the "Computer Mouse Function Keys" paragraph of the Trackball Remote section of this Operating Guide.

USER'S QUICK REFERENCE GUIDE

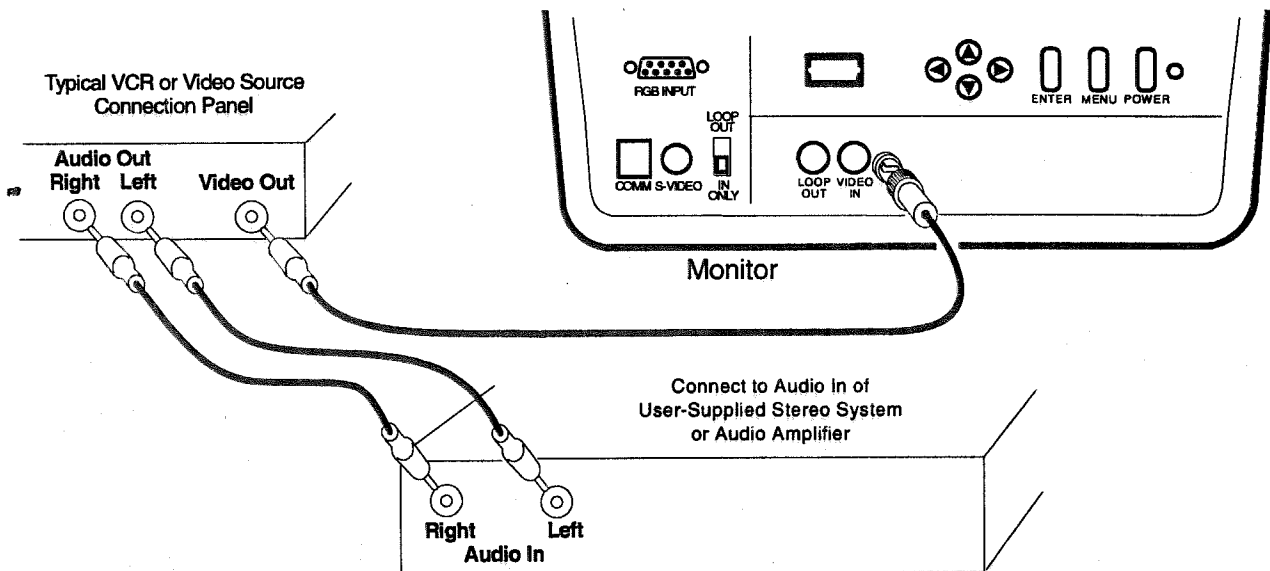
MOUSE CONNECTOR PIN WIRING REFERENCE



1. This connection is to a "COM Port" of a computer.
2. The data format is 1200 baud, no parity, 8 bit, and 1 stop bit.
3. The "COM Port" used must be set up for the correct data configuration.
4. If a PS-2 mouse is used by the computer, it must be disconnected when using the Z-Mouse.

USER'S QUICK REFERENCE GUIDE

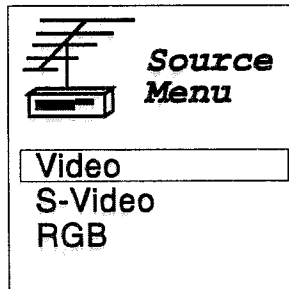
USING A VCR OR OTHER VIDEO SOURCE



Use Z-Trak™ Trackball remote to access menus and make changes

Once the Monitor has been installed and set up, follow these simplified instructions for operation. See the "Trackball Remote" section for further instructions.

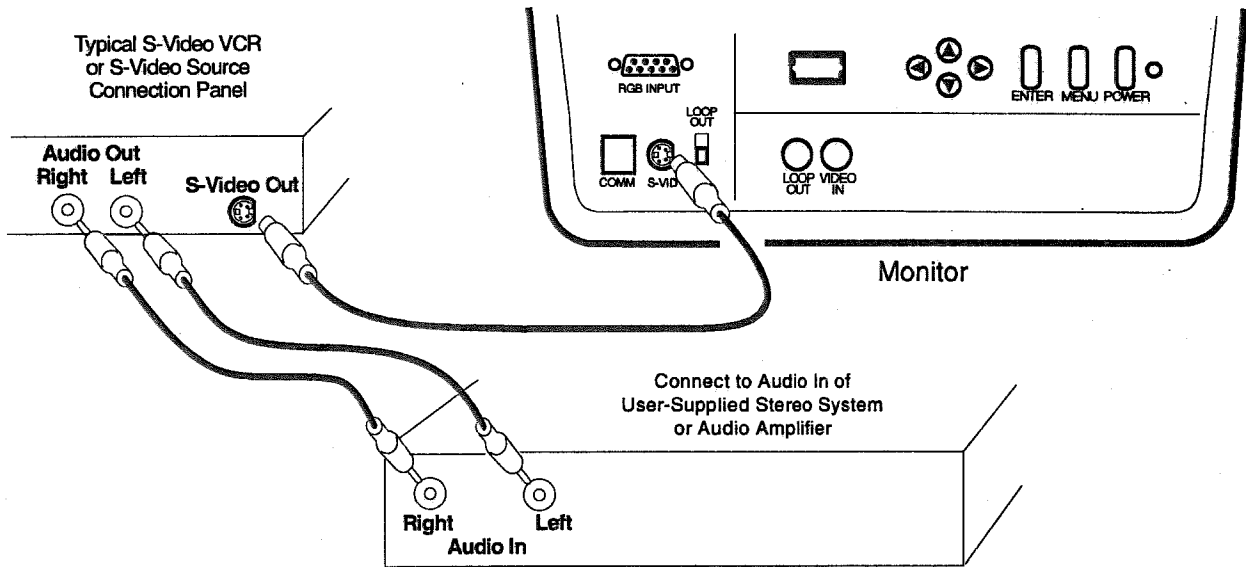
| VCR or other Video Source Setup Instructions | |
|--|--|
| Connections | VCR to Video In on Monitor. VCR Audio Out to Audio In of User-Supplied Stereo System or Audio Amplifier. |
| Menus | Source Menu — Select Video as Video image source. |
| | Setup Menu — Select Aspect Ratio and select proper ratio. |
| | Video Menu — Make Video Source adjustments if necessary. |
| Adjustments | Make any additional image adjustments as required for this setup. See Installation and Setup Guide for System Installer for set up instructions. |



Source Menu with Video selected as Input Source

USER'S QUICK REFERENCE GUIDE

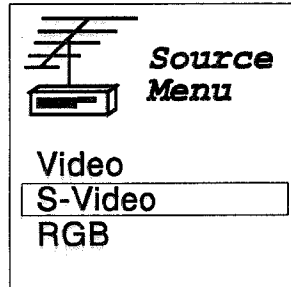
USING AN S-VIDEO VCR OR OTHER S-VIDEO SOURCE



Use Z-Trak™ Trackball remote to access menus and make changes

Once the Monitor has been installed and set up, follow these simplified instructions for operation. See the "Trackball Remote" section for further instructions.

| S-Video* VCR or other S-Video Source Setup Instructions | |
|---|---|
| Connections | S-Video Out to S-Video In on Monitor VCR Audio Out to Audio In of User-Supplied Stereo System or Audio Amplifier |
| Menus | Source Menu — Select S-Video as Video image source. |
| | Setup Menu — Select Aspect Ratio and select proper ratio. |
| | Video Menu — Make S-Video Source adjustments if necessary. |
| Adjustments | Make any additional image adjustments as required for this unique setup. See Installation and Setup Guide for System Installer for set up instructions. |



Source Menu with S-Video selected as Input Source

*S-Video may also be referred to as "Y-C."

TRACKBALL REMOTE

INTRODUCTION

This multi-brand remote operates the common features of most, but not all, models and brands of infrared controlled VCRs. If some functions of your particular VCR cannot be controlled by this remote, use the original remote for your VCR.

BATTERY INSTALLATION

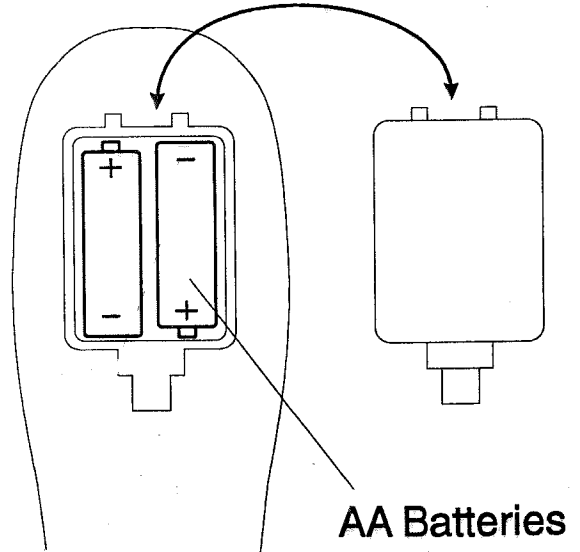
Be sure to install the batteries that came with your remote. When it no longer functions normally, or if it loses memory, replace the batteries with two high-quality, alkaline, size AA batteries. Match positive with positive (+ with +), and negative with negative (- with -) as shown inside the battery compartment.

VCR Brand Code Auto Find Option

Unless your VCR responds to the factory preset code commonly used for Zenith VCRs, you may need to use Auto Find to program the VCR code whenever you replace batteries. See the following pages for Auto Find instructions.

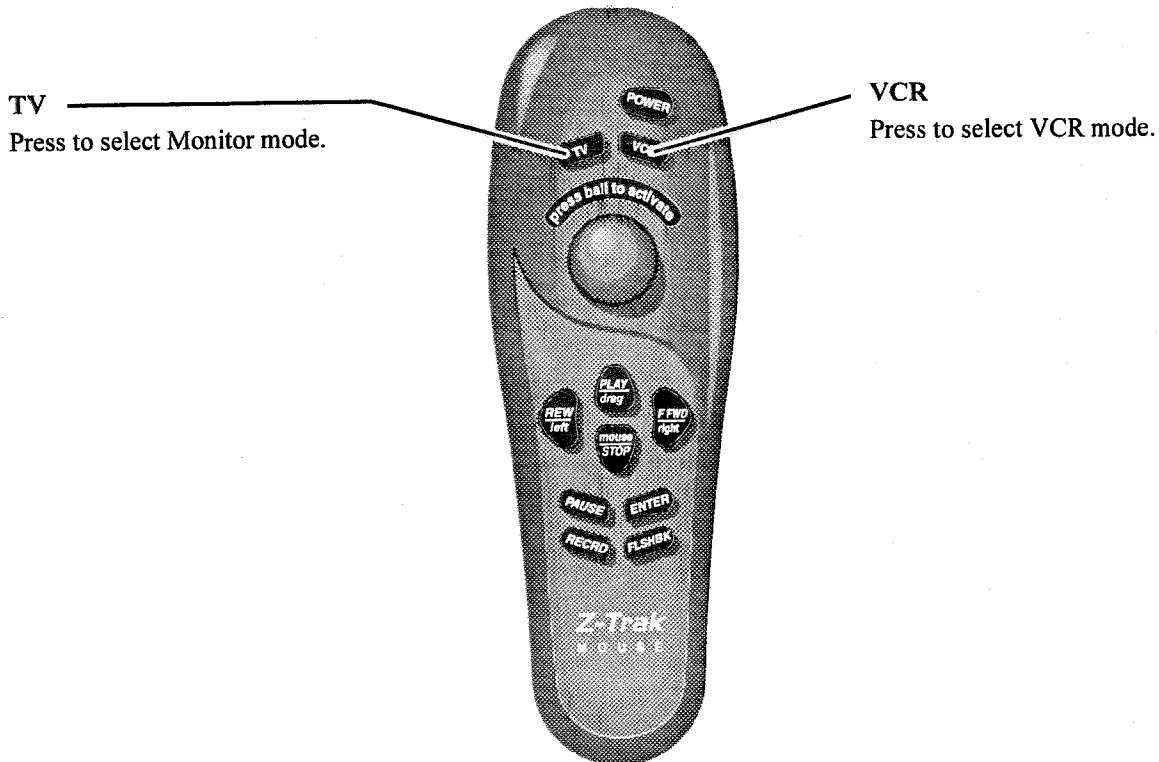
Notes:

- Do not place heavy objects on top of the remote keys; prolonged unintentional operation of the remote shortens battery life.
- Remove the batteries if the remote will not be used for a month or more. Battery leakage can permanently damage the remote, for which Zenith is not responsible.



CHOOSING OPERATING MODE

To control your Monitor or VCR with this remote, first choose the mode of operation.

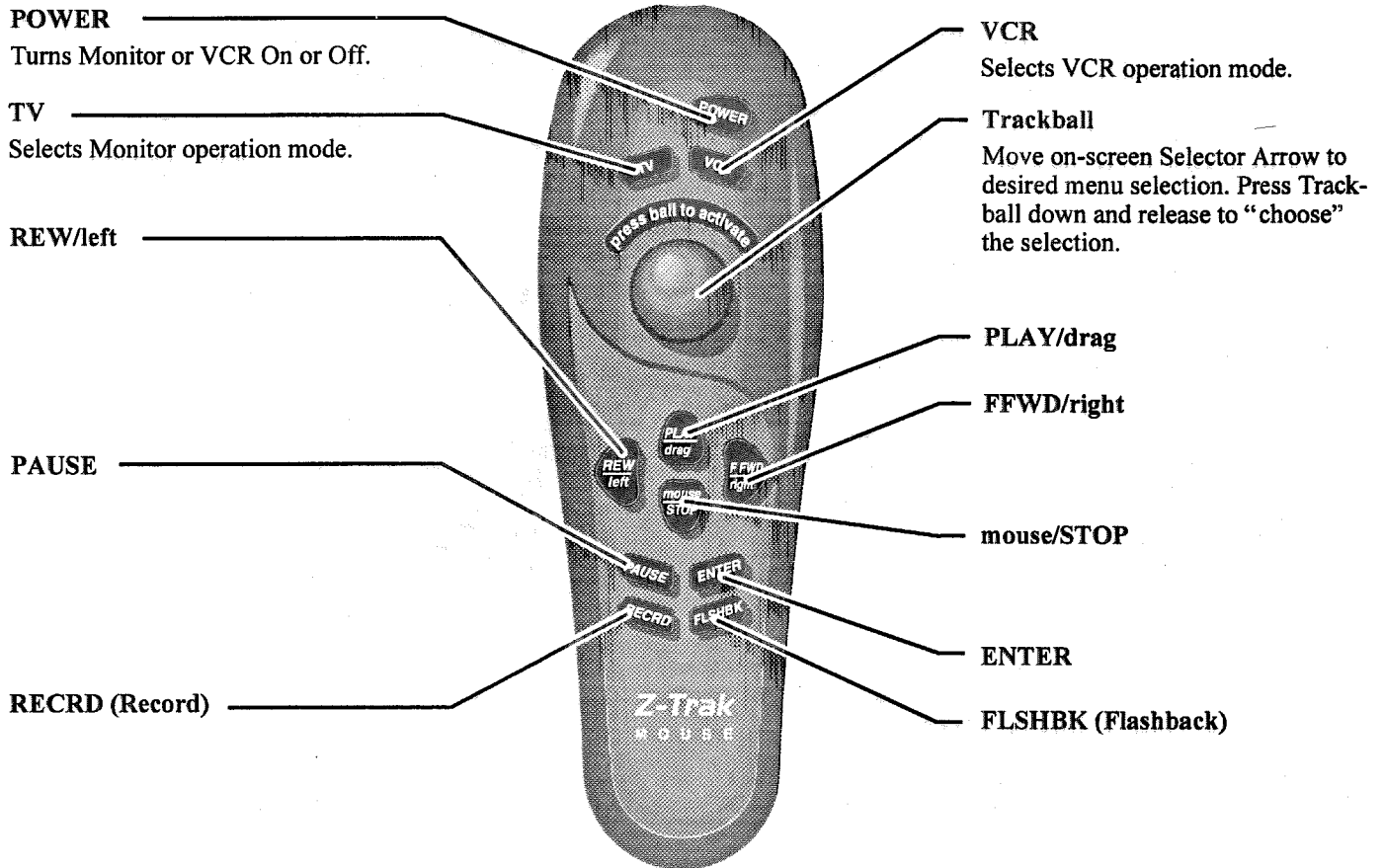


TRACKBALL REMOTE

BASIC OPERATIONS

Point remote at Monitor screen and press **POWER**. Press down on the Trackball to activate the on-screen Selector Arrow. Rotating the trackball moves the Selector Arrow around the screen to access on-screen menus. Click on highlighted menu or option. (See the "On-Screen Menus and Displays" section.)

Depending on mode,
point remote at
Monitor screen or VCR.



VCR Function Keys

Press **VCR** to access VCR functions:

- PLAY** begins tape playback.
- F FWD** advances tape rapidly.
- RECRD** begins recording.
- PAUSE** momentarily ceases tape movement.
- ENTER** shows VCR Status display.
- STOP** halts tape movement.
- FLSHBK** (not operational.)
- REW** rewinds tape.

Note: VCR functions are only available if a VCR is connected to the Monitor.

Computer Mouse Function Keys

Press **mouse** to access computer mouse functions:

- mouse** turns Off/On computer mouse mode.
- right** functions as a mouse right key.
- left** functions as a mouse left key.
- drag** enables/disables drag function for left and right keys.

Note: Computer mouse functions are only available if a computer's serial mouse input is connected to the COMM jack.



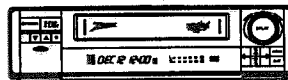
Note: If remote is in Mouse mode, the Monitor will only respond to computer mouse codes. As a result, no Monitor or VCR functions are accessible on the remote. Press **mouse/STOP** while in TV mode to access the Z-Trak Mouse Menu. Select Off to return Monitor to normal operation.

TRACKBALL REMOTE

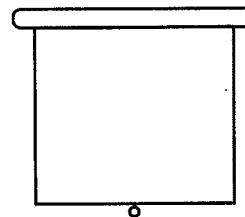
AUTO FIND: PROGRAMMING YOUR Z-TRAK REMOTE TO CONTROL A VCR

Your Z-Trak remote is already programmed to work with most Zenith VCRs. If you have a non-Zenith VCR, or if your Zenith VCR does not respond to your Z-Trak remote, you will need to program your remote as follows:

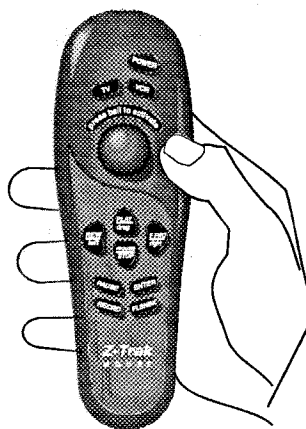
1. Make sure your VCR is turned On.
2. Simultaneously hold **PAUSE** and **ENTER** until **VCR** lights up (about three seconds).
3. Point the Z-Trak remote towards your VCR. Press **PLAY/drag** followed by **POWER**. If your VCR did not turn Off, repeat pressing **PLAY/drag** followed by **POWER** until the VCR turns Off.
4. If your VCR turned Off, press **ENTER** immediately to save the code. The VCR key will flash three times after **ENTER** is pressed.
5. Now try other controls on your VCR, such as **PLAY**, **REW**, etc. to make sure that the correct VCR brand code number was selected. (If not, repeat steps 2 to 4.)
6. Press **PAUSE** at any time to cancel Auto Find. The original VCR brand code will remain unchanged.
7. The remote exits Auto Find mode automatically after 60 seconds if no key press or Trackball movement is detected.



Select VCR mode;
point at VCR.



Select TV mode;
point at screen
to control Monitor.



CLEANING THE TRACKBALL

To keep the Z-Trak remote functioning properly, it is necessary to occasionally clean the Trackball. To do this:

1. Use a solution of mild dishwashing detergent and water.
2. Moisten a clean soft cloth with the solution and lay the cloth flat on a table.
3. Turn the Z-Trak remote upside down and gently roll the trackball on the cloth.
4. Allow the remote to air-dry before using it again.



CAUTION:

Do not use alcohol or other cleaning fluids to clean the trackball as these may damage the remote.

ON-SCREEN MENUS AND DISPLAYS

AVAILABLE MENUS

The Main menus available are: Source Menu, Setup Menu, Special Features Menu, and Video Menu. There are also additional user menus: Trackball Speed/Captions/Sleep Timer Menu, Source/Time/Broadcast Standard Display, and the Z-Trak Computer Mouse Menu.

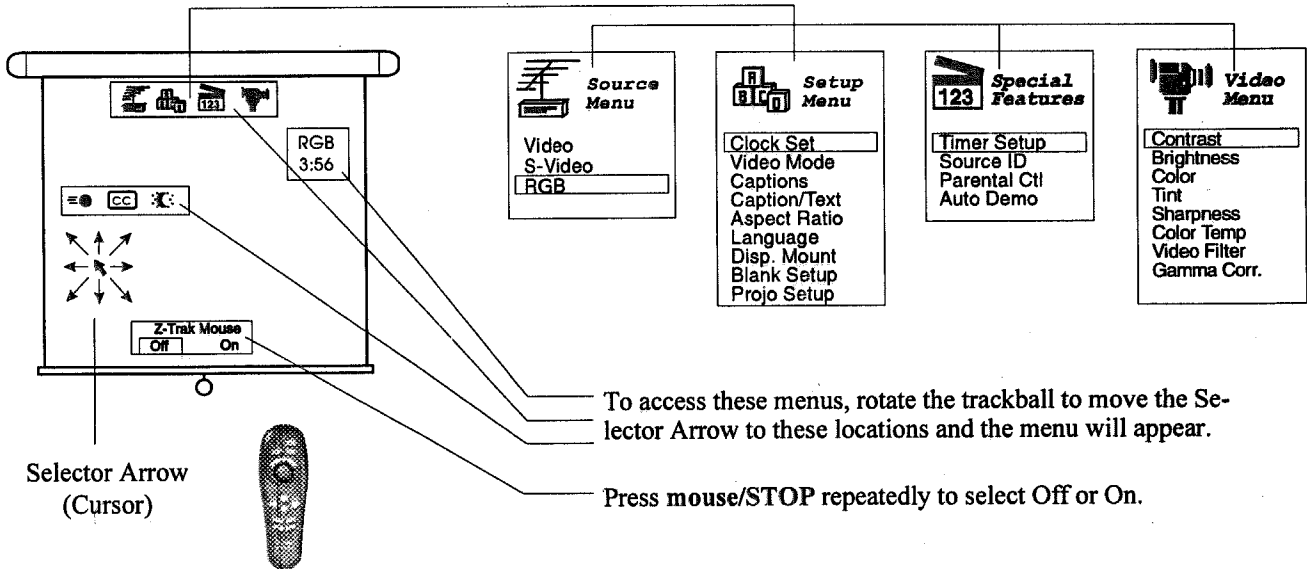
To access the menus, use the trackball remote. Instructions for remote/menu operation are included below and on the next page.

Source Menu — selects Video, S-Video, or RGB as the picture source: .

Setup Menu — sets up the Monitor features.

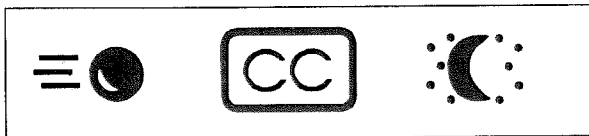
Special Features Menu — offers other Monitor options.

Video Menu — offers adjustments for personal preference viewing.



Additional Menus and Displays

Trackball Speed/Closed Captions/Sleep Timer Menu



Trackball Speed/Captions/Sleep Timer Menu —

Specify trackball speed as Slow, Medium, or Fast.

Turn Closed Captions On or Off.

Change Sleep Timer status to 0:15, 0:30, 1:00, 1:30, 2:00, 2:30, 3:00, 3:30, 4:00, or Off.

Note: Sleep Timer turns Monitor Off after a preset time.

Source/Time/Broadcast Standard Display — shows current video source, time (if the clock is set), and selected broadcast signal standard.

Z-Trak Mouse Menu — turns computer mouse functions On and Off.

Source/Time/Broadcast Standard Display



Z-Trak Mouse Menu



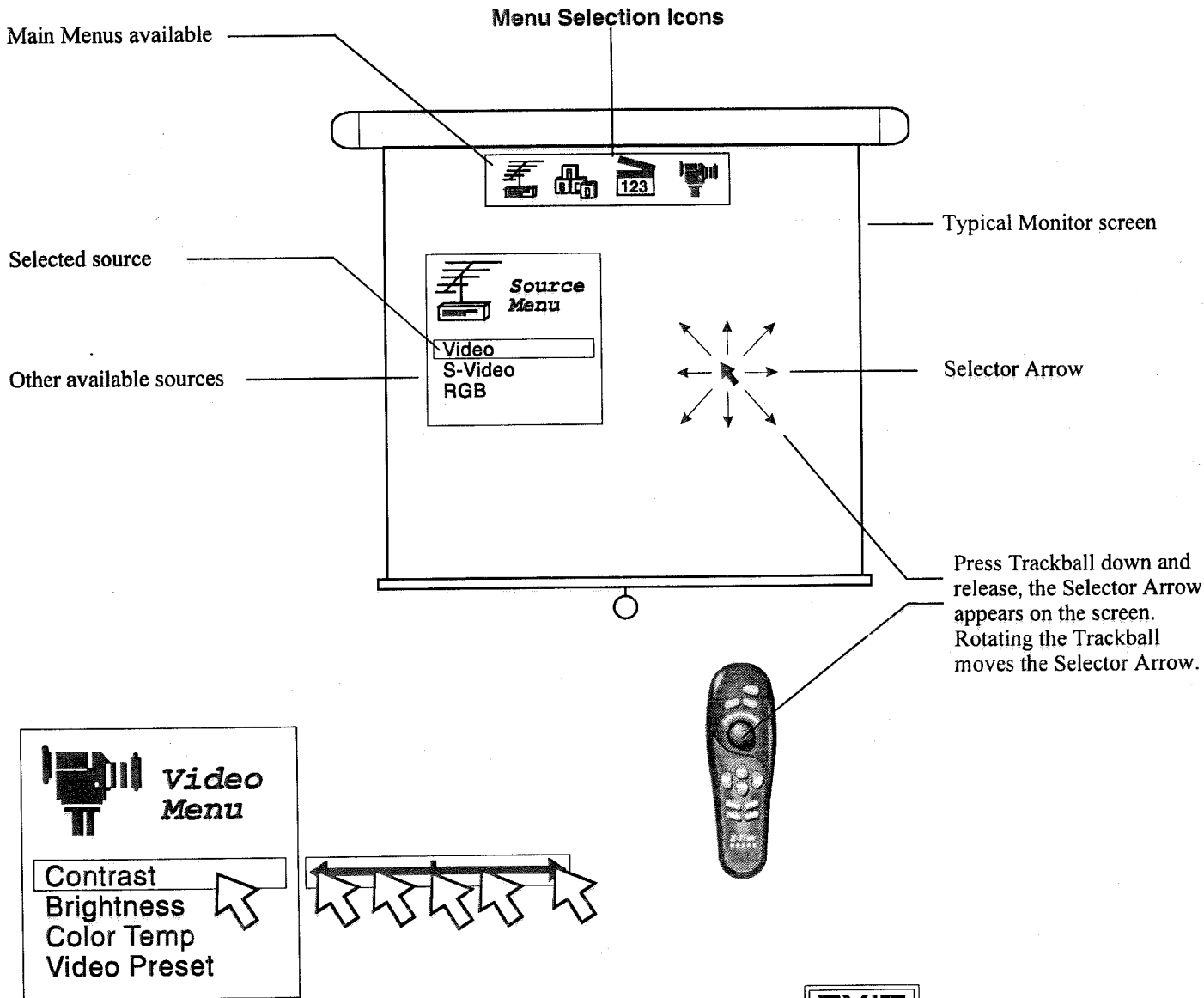
Caution: If Mouse mode is On, the Monitor will only respond to computer mouse control. As a result, no Monitor or VCR functions are accessible on the remote. Press mouse/STOP and release, while in TV mode, to access the Z-Trak Computer Mouse Off/On menu. Press mouse/STOP repeatedly to select Off to return Monitor to normal operation.

ON-SCREEN MENUS AND DISPLAYS



BASIC MENU OPERATION WITH Trackball REMOTE (Selecting and Adjusting Menu Features)

Point remote at Monitor screen. Press TV. Press Trackball down and release; Selector Arrow should appear on screen. Rotate Trackball to move Selector Arrow to top/center of screen until Menu Selection Icons appear. Move arrow to desired menu icon, press Trackball down and release; menu will appear. Move Selector Arrow to desired feature, press Trackball down and release to access feature. Once feature is selected, move Selector Arrow so it covers left or right arrow. Press down/hold down Trackball to scroll through feature options, (see descriptions below). To remove menus from screen, move Selector Arrow away from menu options, press Trackball down and release, or wait a short period of time and the menu will disappear.



Menu options can be adjusted with the arrow on any of the locations shown above.

EXIT

Note: Some menus include an Exit icon. Pointing and pressing on EXIT will remove the menu from the screen. Other menus will disappear from the screen after a short period of time.

SOURCE MENU

AVAILABLE MENU OPTIONS

Select Video, S-Video, and RGB as your video source.

Video

Displays image from composite video equipment connected to the Video input connector.

S-Video

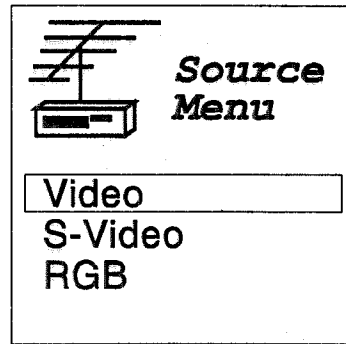
Displays image from S-Video equipment connected to the S-Video input connector.

RGB

Displays image from equipment connected to the RGB INPUT connector.

Notes:

- The Monitor does not provide any sound (Audio) for equipment connected to it. Connect equipment like a VCR or laser disc player to a separate audio output source.
- "Switcher" units are also commercially available that can be used to connect additional video sources to the Monitor.

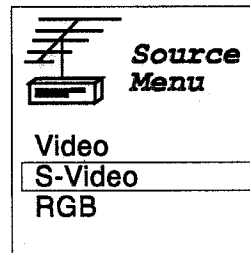


CHANGING INPUT SOURCE

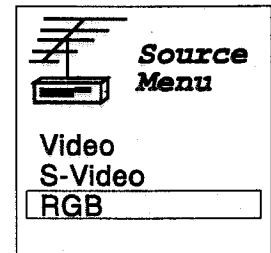
Point remote at Monitor screen. Press TV. Press trackball down and release.

When the Selector Arrow appears on-screen, move it to: Video, S-Video, or RGB. Press trackball down and release.

The Monitor will then switch to the newly selected video source; the image provided by that source will appear on the Monitor screen.



S-Video Source Selected



RGB Source Selected

INPUT SOURCES

The above descriptions for input sources refer to the equipment connected to these input connectors on the Monitor connection panel.

RGB INPUT

9-Pin D type input connector.

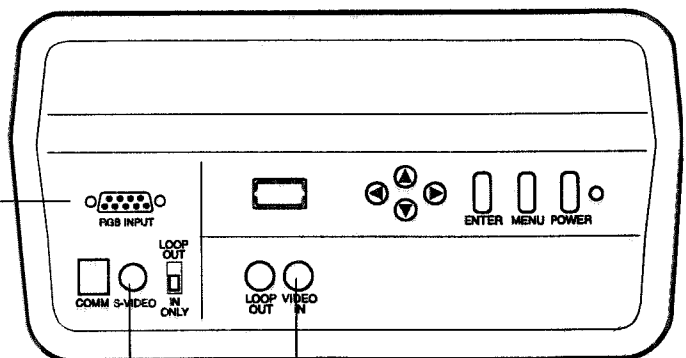
S-VIDEO

Y-C, S-Video input connector.

VIDEO

BNC Composite video input connector.

RGB Source Connector



S-Video
Y-C Source
Connector

Video
Source
Connector

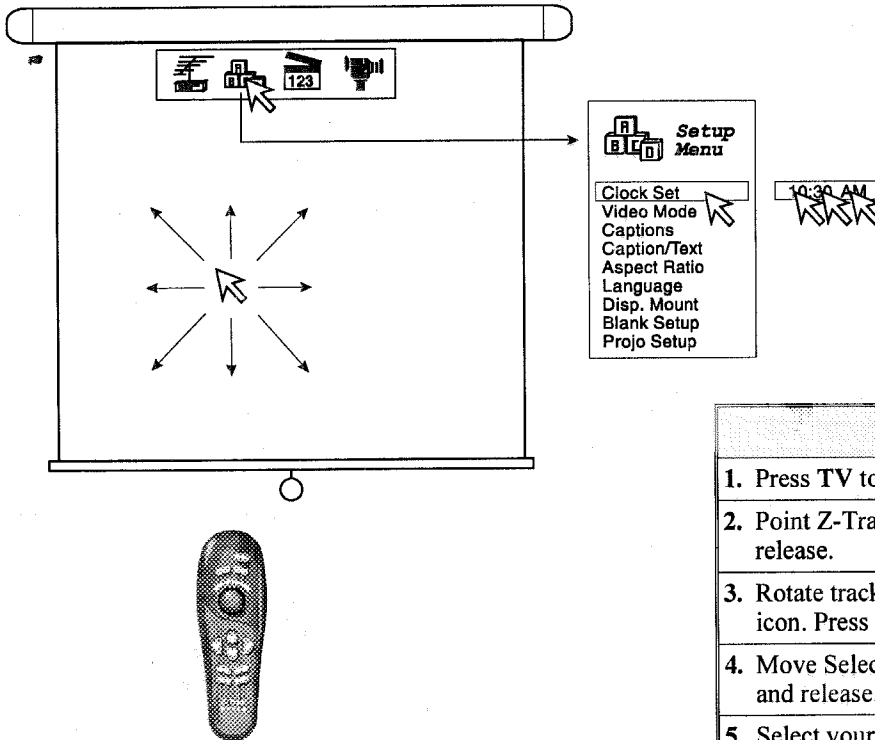
SETUP MENU

MENU OVERVIEW

Use the Setup Menu to fine-tune the Monitor to your personal preferences and video sources' particular requirements.

Use the Z-Trak remote to select and adjust the Setup Menu features.

Note: See the following pages for more detailed descriptions of the options listed below.



Menu Operation

1. Press TV to choose Monitor Mode.
2. Point Z-Trak at Monitor screen. Press Trackball down and release.
3. Rotate trackball to move Selector Arrow to Setup Menu icon. Press down and release to access Setup Menu.
4. Move Selector Arrow to option and press Trackball down and release.
5. Select your preference.
6. Move Selector Arrow off any menu, press trackball down to remove a menu from view, or wait a few seconds and the menu will disappear.

| Menu Option | Function |
|--------------|--|
| Clock Set | Sets the Monitor's internal clock. |
| Video Mode | Selects video signal format. Options are: M-NTSC, M-PAL, N-PAL, BG-PAL, NTSC 4.43, SECAM. |
| Captions | Turns Captions On and Off. |
| Caption/Text | Displays closed captions or text if available on the selected source. Options are: Caption 1, Caption 2, Caption 3, Caption 4, Text 1, Text 2, Text 3, and Text 4. |
| Aspect Ratio | (Picture Proportion) Changes shape into which image is projected. Options are: 4x3, 16x9, Compressed. |
| Language | Chooses English, Spanish, or French, for on-screen menus. |
| Disp. Mount | Selects Floor or Ceiling Mount orientation. |
| Blank Setup | Adjusts blanking on Left/Right/Top/Bottom. |
| Projo Setup | Adjusts red and blue over green color convergence alignment in the center of video image. |

SETUP MENU

Clock Set

Sets the internal clock in the Monitor to the correct time.

Change Hours

Place the Selector Arrow over the two hour digits, press the Trackball down, and release repeatedly to change hours.

Change Minutes

Place the Selector Arrow over the minutes digits, press the Trackball down, and release repeatedly to change the minutes.

Specify AM/PM

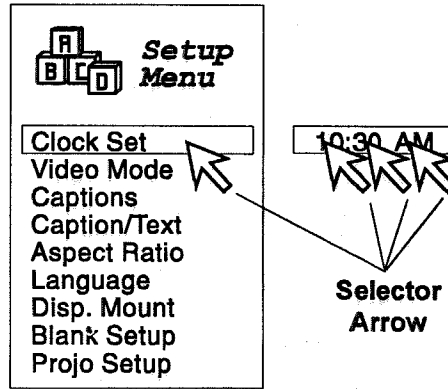
Place the Selector Arrow over AM or PM and press the Trackball down, and release repeatedly to specify AM or PM.

View Monitor Time

Move Selector Arrow to left/upper side of screen to view the Source/Time/Signal Standard Display.

```

RGB
3:56
M-NTSC
    
```



Setup Menu with Clock Set Highlighted

Note: The clock must be set before you can use the On/Off Timer features; see the Special Features Menu.

Video Mode

Selects video signal format. You can change the signal format manually.

Manual Modes

M-NTSC, M-PAL, N-PAL, BG-PAL, NTSC 4.43, SECAM

| Standard | Geographical Area |
|-----------|------------------------------------|
| M-NTSC | U.S.A., Canada, and Mexico |
| M-PAL | South America |
| N-PAL | South America |
| BG-PAL | Europe, China |
| NTSC 4.43 | Europe |
| SECAM | France, Russia, China, Middle East |

Captions

Turns Captions On and Off.

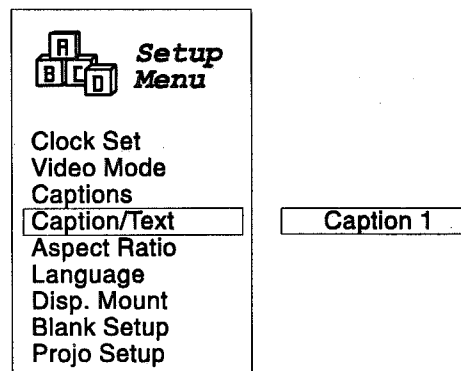
Select On to see Captions or Text if supplied on video source, then select Caption or Text mode using the Captions/Text option (see below.) Select Off to turn Captions feature off.

Caption/Text

Displays closed captions or text if available on the selected source. Captions will appear automatically.

Note: If you use the remote during captions, the captions may disappear and then reappear when the on-screen menus disappear.

Options are: Caption 1, Caption 2, Caption 3, Caption 4, Text 1, Text 2, Text 3, and Text 4.



Setup Menu with Caption/Text Highlighted

SETUP MENU

Aspect Ratio (Picture Proportion)

Changes the shape into which the source's image is projected. If the projected image from a particular source appears distorted, then you can select a different aspect ratio for that source.

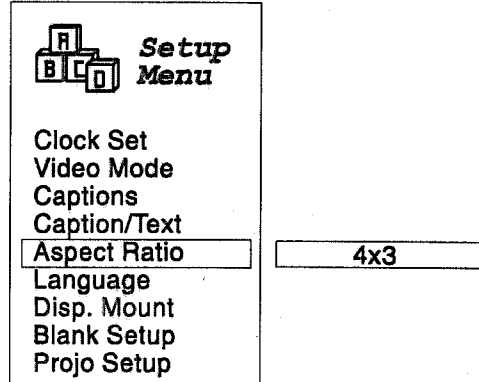
One or more of the video sources may have a different aspect ratio than other video sources. In this case, change the Aspect Ratio to the appropriate configuration for the video source's image.

Preset Image Aspect Modes

4 x 3 — Standard TV/VCR picture proportion.

16 x 9 — 16 x 9 picture dimension is used by digital video disc players and certain other wide screen formats.

Compressed — 16 x 9 picture dimension with a 4 x 3 image in the center of the screen. Useful when watching normal VCR material on a 16 x 9 screen. (Available with Video or S-Video sources only.)

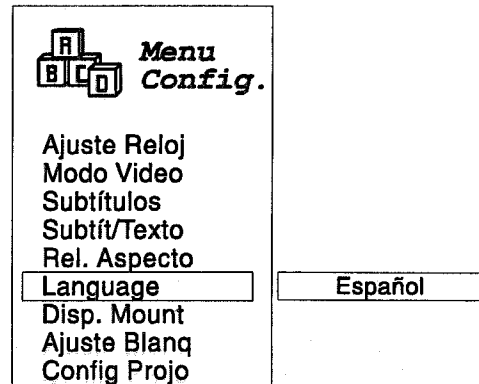


Setup Menu with Aspect Ratio Highlighted

Language

Chooses English, Spanish, or French for the Monitor on-screen menus. Once you select a new language, the on-screen menus will appear in that language.

Note: The Language option always appears in English (Language) on the menu regardless of which language you choose.



Setup Menu shown in Spanish

Disp. Mount

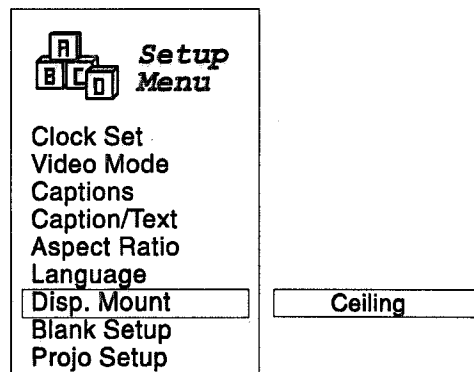
Selects Floor or Ceiling mount for Monitor orientation.

Ceiling

Select Ceiling if the Monitor is installed on the ceiling.

Floor

Select Floor if the Monitor is installed on a floor base.



Setup Menu with Disp. Mount Highlighted

SETUP MENU

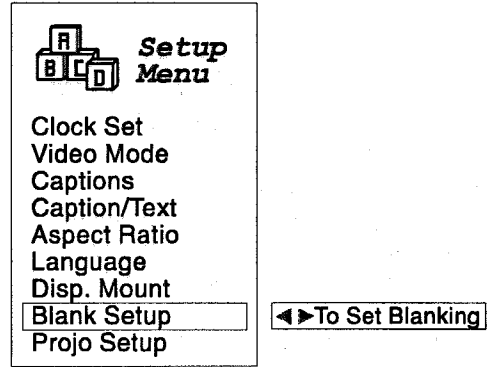
Blank Setup

This setup should be preset by system installer.

If you connect a new video source to the Monitor, the video blanking may occasionally require adjustment.

Blanking

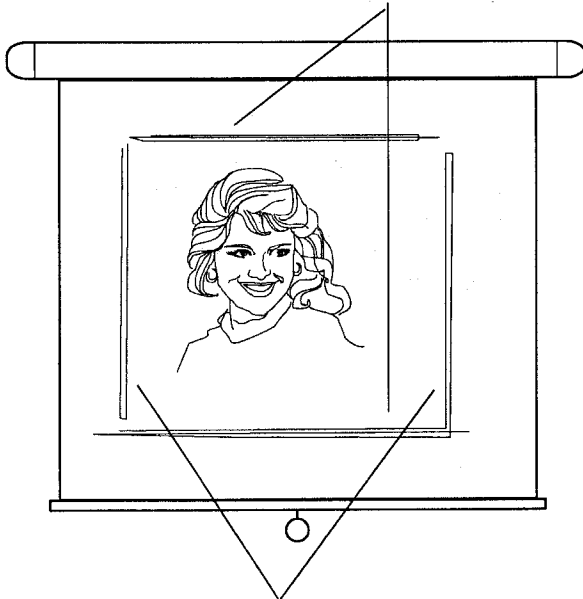
“Covers up” undesirable images at the extreme edges of the picture. You can adjust the blanking for all three sources if necessary. When adjusting blanking, point and press on the direction you want the blanking to move. Point and press on up to move the blanking up. Point and press on down to move the blanking down, etc.



Setup Menu with Blank Setup Highlighted

Blanking Top/Bottom

Covers up undesirable images around edge, such as these.



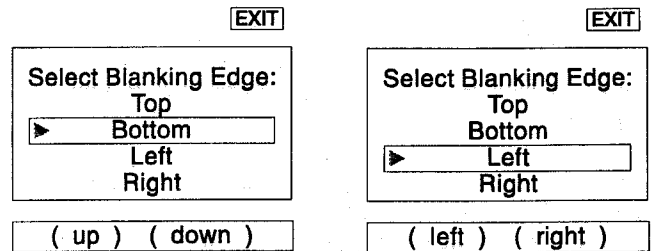
Blanking Left/Right

Covers up undesirable images around edge, such as these.

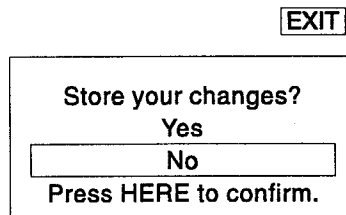
Blanking Menu Response Time

It may take the Monitor, as you make blanking adjustments, a moment to respond. As a result, you may have to press and release the Trackball several times to adjust each blanking edge.

Note: If you make blanking changes, you will be asked if you want to save them.



Blanking Adjustment Menu



Format has not been stored.

Format updates stored.

Save/Don't Save Changes to Blanking Menu

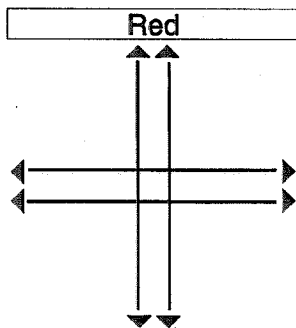
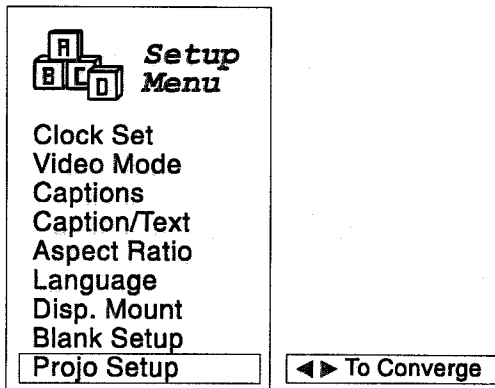
SETUP MENU

Projo Setup

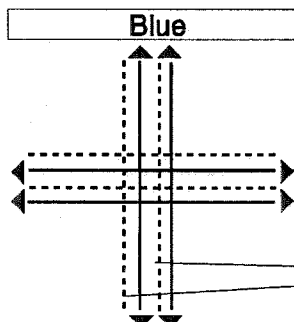
Verifies and adjusts, if needed, the red and blue alignment of the projected image. If you move your monitor, or if after time you notice color "fringes" around objects in the image, you need to check the alignment of the projected colors.

Adjusting Red and Blue over Green

Use the remote to access the Red or Blue Projo Setup menus. Place the Selector Arrow over each color adjustment arrow and press trackball down repeatedly to move Red or Blue color in the direction the on-screen arrow is pointing. Adjust the Red, then the Blue. (Red and Blue are adjusted separately.) The alignment is correct when the lines on the menu are white.



Four intersecting white lines indicate proper adjustment.



Red or blue lines offset from reference lines indicate adjustment is necessary.

Setup Menu with Projo Setup Highlighted

Point with the Selector Arrow here and press the Trackball down repeatedly to move these color lines in the direction the arrows are pointing.

Note: When adjusting the Red and Blue lines on the Projo Setup menu, they move ever so slightly. As a result, you may have to press and release the trackball many times to move the color bars even a small amount.

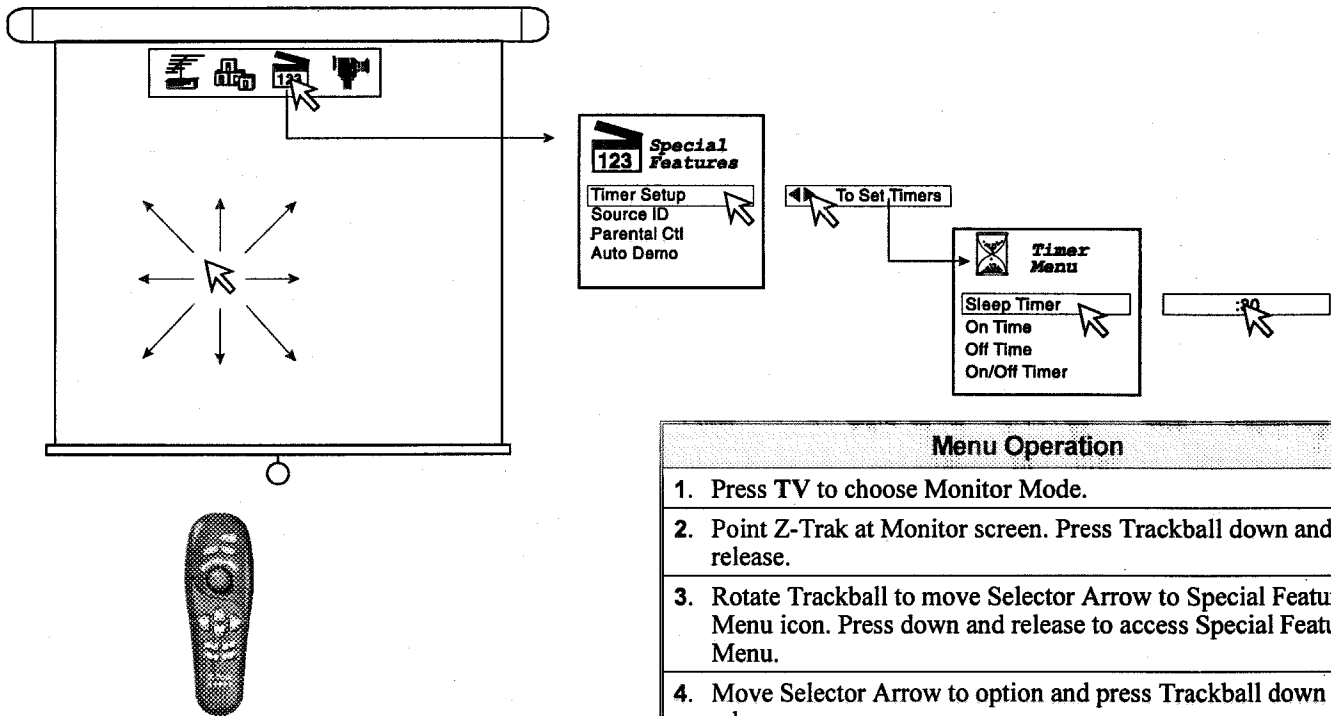
SPECIAL FEATURES MENU

MENU OVERVIEW

Use the Special Features Menu to personalize your Monitor's capabilities.

You can use the Trackball to select and adjust the options in the Special Features Menu.

Note: See the following pages for more detailed descriptions of the options listed below.



Menu Operation

1. Press TV to choose Monitor Mode.
2. Point Z-Trak at Monitor screen. Press Trackball down and release.
3. Rotate Trackball to move Selector Arrow to Special Features Menu icon. Press down and release to access Special Features Menu.
4. Move Selector Arrow to option and press Trackball down and release.
5. Select your preference.
6. Move Selector Arrow off any menu, press Trackball down to remove a menu from view, or wait a few seconds and the menu will disappear.

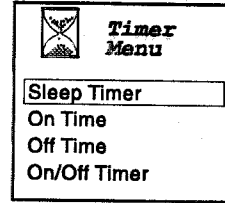
| Menu Option | Function |
|--------------|--|
| Timer Setup | <p>Note: The clock in the Monitor must be set before you can use the timers.</p> <ol style="list-style-type: none"> 1. Sets the Monitor's Sleep Timer and On/Off Timer. 2. The Sleep Timer sets the Monitor to turn off after a period from 15 minutes up to 4 hours. 3. The On/Off Timer sets the Monitor to turn on and off at specific times. |
| Source ID | Creates a descriptive "name" for each input source. |
| Parental Ctl | Denies access to all VIDEO input sources. |
| Auto Demo | Shows on-screen menus. |

SPECIAL FEATURES MENU

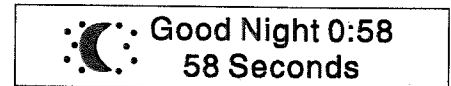
TIMER SETUP: Sleep Timer

The Sleep Timer programs the Monitor to turn off after a period from 15 minutes to 4 hours.

| To Program the Sleep Timer |
|---|
| 1. Point and press on Timer Setup in the Special Features Menu to view the Timer Menu. |
| 2. Point and press on Sleep Timer. |
| 3. Press the Trackball repeatedly to choose the length of time the Monitor will remain on. Options are: Off, 0:15, 0:30, 1:00, 1:30, 2:00, 2:30, 3:30, or 4:00. |
| 4. Move Selector Arrow off any menu, press Trackball down to remove menu from view, or wait a few seconds and the menu will disappear. |
| One minute before the Monitor turns Off, the "Good Night" display appears on the screen. At this time you can: |
| 1. Do nothing. The GOOD NIGHT display remains on the screen. The Monitor will turn Off in one minute. |
| 2. Delay the turn-off by resetting the timer with a new time period. |



Sleep Timer set to turn Monitor off in 30 minutes



"Good Night" Display Appears 60 Seconds Before Shut-Off

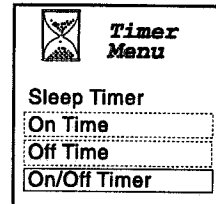
Notes:

- To cancel the Sleep Timer, turn off the Monitor or select Off from the Sleep Timer Menu.
- As the GOOD NIGHT display counts down the final 60 seconds, the picture dims for a soft, discrete turn off.

TIMER SETUP: On/Off Timer, Enabling/Disabling On/Off Timer

The On/Off Timer programs the Monitor to turn on and off at specified times.

| To Set the On/Off Timer |
|--|
| 1. Point and press on Timer Setup in the Special Features Menu to view the Timer Menu. |
| 2. Point and press on On Time option. Point and press on hours, minutes, and AM/PM digits to set the Monitor's turn on time. |
| 3. Point and press on Off Time option. Point and press on hours, minutes, and AM/PM digits to set the Monitor's turn off time. |
| 4. Point and press on On/Off Time option. |
| 5. Point and press repeatedly to specify On or Off. On - On/Off Timer will be activated. Off - On/Off Timer will be deactivated. |
| 6. Move Selector Arrow off menu and click to remove menu from screen. |



On/Off Timer set to turn Monitor On at 11:00 am and Off at 1:00 pm

Notes:

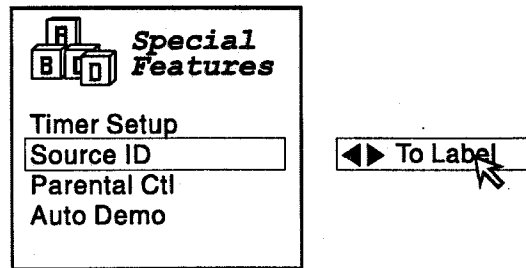
- The clock must be set before you can use the On/Off Timer feature.
- A time must be set for Off Time in order to use the On/Off timer.

SPECIAL FEATURES MENU

SOURCE ID

Creates a name for an input source. For example, if you name the Video source VCR, "VCR" will appear in the Source Menu as a reminder that your VCR is connected to the Video input jack.

| To Label Source |
|---|
| 1. Point and press on Source ID in the Special Features menu. |
| 2. Point and press on "To Label." |
| 3. Point and press on the Source you want to create a label for: Video, S-Video, or RGB. |
| 4. Point and press on the EDIT icon to the right of the selected source. |
| 5. Point and press on the letters to create a source label of up to 10 characters. For example, to label source VCR, point and press on V, then C, then R. Point and press on EXIT icon to return to Source/Label menu. |
| 6. Choose another source to label or exit menu. |



Special Features Menu with Source ID Highlighted

Note: If you select Disabled, the source will not appear in the Source Menu.

Point and press on this EXIT icon to return to Special Features Menu.

Point and press to select input source.

Point and press on the EDIT icon to access Label Alphabet Menu.

Point and press on this EXIT icon to return to Source/Label Menu.

The diagram illustrates the process of labeling a source. It shows two screens:

- Source/Label Menu:** A table with two columns: "Source" and "Label". The "Source" column lists "Video", "S-Video", and "RGB". The "Label" column lists "VCR" and "Computer". An "EXIT" icon is at the top left, and an "EDIT" icon is at the bottom right. A mouse cursor points to the "RGB" source, and another points to the "EDIT" icon.
- Label Alphabet Menu:** A screen for entering characters. It has a header "V" followed by a dashed line. Below is a grid of characters:

| | |
|---|-----------------------------|
| V | ----- |
| _ | ABCDEFGHIJKLNNO |
| P | QRSTUVWXYZ01234 |
| 5 | 6 7 8 9 . > & # + ! ? * Ñ É |

 An "EXIT" icon is at the bottom right. A mouse cursor points to the "W" character.

SPECIAL FEATURES MENU


PARENTAL CONTROL

| To Program Parental Control |
|--|
| 1. Point and press on Parental Control in the Special Features Menu to view the Parental Control Menu. |
| 2. Point and press on Block Video, select Blocked. |
| 3. Point and press on Set Hours option to set number of hours Parental control will be active. |
| 4. Point and press on Set Password. When you are prompted to Enter Code, point and press on the numbers of your choice provided at the bottom of the menu. (Verify the code by entering it a second time.) |
| 5. Point and press to select Lock On/Off and specify On. |
| 6. Point and press with the Selector Arrow on an empty portion of the screen to exit menu. |

Note: Each time you use Parental Control you must enter a password.



Remember your password! To re-enter parental control while it's on, you must enter this code. Otherwise, you'll have to wait for the specified time period to elapse.



Parental Control

Block Video

Set Hours

Set Password

Lock On/Off


Blocked

01 Hours

Enter Code: x x x x

On

Parental Control Menu



Parental Control

Password ?

Enter Code: x x x x


▶0◀▶1◀▶2◀▶3◀▶4◀▶5◀▶6◀▶7◀▶8◀▶9◀

Password Selector Menu

AUTO DEMO

Your Monitor demonstrates on-screen menus that control the Monitor's setup and operational features. Turn on Auto Demo to show the on-screen menus one-by-one.

| To Start Auto Demo |
|--|
| 1. In the Special Features Menu, point and press to select Auto Demo. |
| 2. Point and press to turn Auto Demo to On. |
| 3. Point and press with the Selector Arrow on an empty portion of the screen to remove the menu from view. |



Special Features

Timer Setup

Source ID

Parental Ctl

Auto Demo

◀▶ Off

Setup Menu with Auto Demo Highlighted



Note: Auto Demo will continue to operate until you set it to Off in the Special Features Menu.

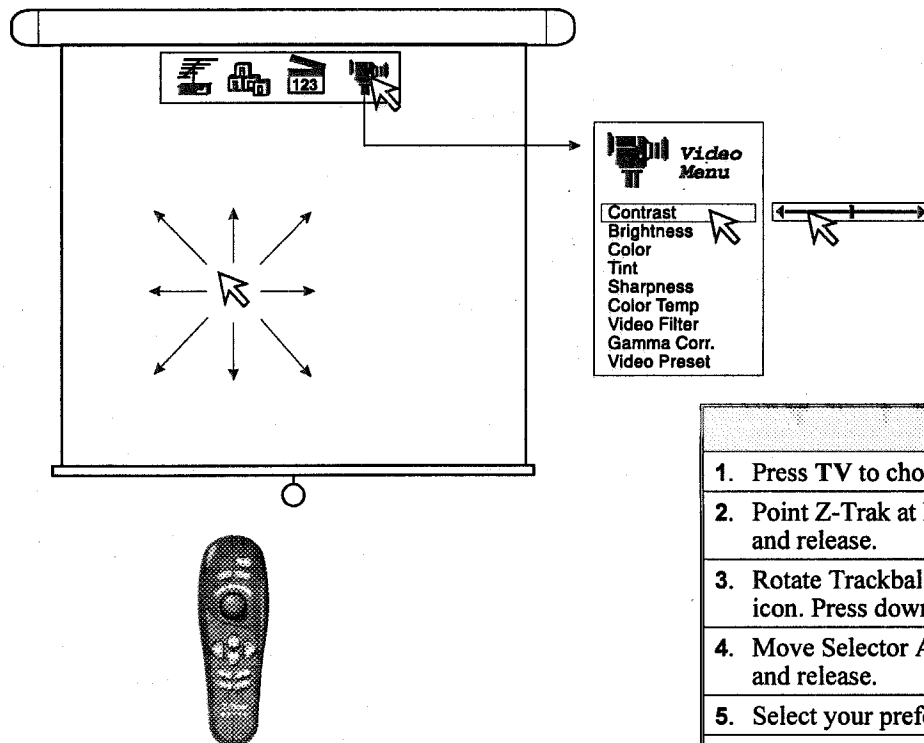
VIDEO MENU

MENU OVERVIEW

Use the Video Menu to fine-tune settings for each video source.

Use the Trackball remote to select and adjust the Video Menu features.

Note: See the following pages for a more detailed description of some of the options listed below.



Menu Operation

1. Press TV to choose Monitor Mode.
2. Point Z-Trak at Monitor screen. Press Trackball down and release.
3. Rotate Trackball to move Selector Arrow to Video menu icon. Press down and release to access the Video Menu.
4. Move Selector Arrow to option, press Trackball down and release.
5. Select your preference.
6. Move Selector Arrow off any menu, press Trackball down to remove a menu from view, or wait a few seconds and the menu will disappear.

VIDEO MENU OPTIONS

| Adjustment | Adjustment Options or Range and Effect |
|---------------|--|
| Contrast | (Min-Max) Adjusts the overall light-to-dark characteristics of the picture. |
| Brightness | (Min-Max) Adjusts the overall brilliance of the picture from very dim to very bright. |
| Color* | (Min-Max) Adjusts the color intensity in the picture. |
| Tint* | (Green-Red) Adjusts the flesh tones to more green or more red. |
| Sharpness* | (Min-Max) Adjusts the clarity of the edges around object. |
| Color Temp | (Custom/6500K) Changes the "color temperature" or picture white balance between cooler natural whites and warmer red colors. |
| Video Filter* | (Off/On) Reduces video "noise" or interference in the dark picture areas. |
| Gamma Corr.* | (Off/On) The Gamma Correction option limits the intensity of the peak whites. |
| Video Preset | (Custom/Preset/Movie/Video Game/Sports/Daylight/Weak Signal) Lets you use your own Custom video settings or the factory Preset video settings. |

*These options will not be available when RGB is the selected source. Note: Any changes to the above when Picture Pref is in the Preset or Theatre modes will automatically make the current settings your new custom settings.

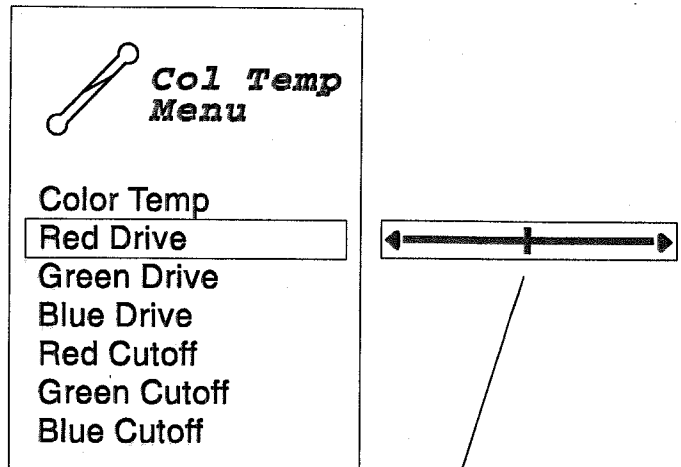
VIDEO MENU

Color Temp

The Color Temp Menu is provided for the more technically-knowledgeable user who wants to set the drives and cutoffs to a preference different from that of the factory preset condition. Changes the "color temperature" or picture white balance between cooler natural whites and warmer red colors. Use 6500K, the factory preset color temperature setting. Or, use Custom and set the Red, Green, and Blue Drives to your personal preference and the Red, Green and Blue Cutoffs as required in your viewing environment.

| Adjustment | Adjustment Options or Range and Effect |
|--------------|--|
| Color Temp | (Custom or 6500K) |
| Red Drive | (Min-Factory Preset-Max) Set to your preference. |
| Green Drive | |
| Blue Drive | |
| Red Cutoff | |
| Green Cutoff | |
| Blue Cutoff | |

Note: Use all six adjustments to set your preferred white balance.



Bar indicates factory preset position

Video Preset

| Adjustment | Adjustment Options or Range and Effect |
|-------------|---|
| Custom | Saves personal preference changes made to the Video Menu and stores them as your Custom setting. |
| Preset | Restores the factory Video Menu settings for: Movie, Video Game, Sports, Daylight, and Weak Signal. |
| Movie | Provides cinema-like effects for use in a home theater setting with dim light. |
| Video Game | Reduces bright video game color and graphics for prolonged, close-range viewing. |
| Sports | Provides a bright, sharp picture with vivid color and crisp detail. |
| Daylight | Enhances picture contrast in a bright daylight environment. |
| Weak Signal | Reduces "noise" (snow) in poor quality signal transmissions or videotapes. |

Specify your own Custom video settings depending on your input source, or use the factory Preset settings.

MAINTENANCE AND TROUBLESHOOTING

CARING FOR YOUR MONITOR

Your Monitor will look better, have a longer life, and perform better if you care for it properly.



First check to see that the Monitor is off. For added safety, disconnect AC power to the Monitor.

Note: If you unplug your Monitor, you will have to reset the clock to the current time.

CABINET CARE

Non-Wood Cabinet or Cabinet Components

Moisten a soft cloth with a mild soap solution. Wipe the surface with a damp cloth. Then rinse the cloth in clean water and wipe the surface again. Allow the Monitor to air-dry before turning it on.

LENS CLEANING

When the lenses of your Monitor need cleaning, be sure to follow these directions so you do not damage or scratch the optical coating on the lenses:



- Do NOT spray any type of fluid directly on the lenses' surface.
- Use a soft cotton cloth (cotton diapers laundered several times to remove sizing) or a soft facial tissue.
- Do NOT use any type of aerosol cleaner.
- Do NOT use dry material, such as paper, tissue or a dry cloth to clean the lenses.

Moisten the soft cloth or tissue with warm water and gently wipe the surface of the lens.

Note: The lenses are easily damaged. Avoid accidental contact with them.

EXTENDED ABSENCE

Before an extended absence (such as a vacation) you may want to disconnect AC power to your Monitor. This will protect the Monitor from possible damage from lightning or power line surges. For added safety, you may want to disconnect all video equipment connected to the Monitor.

Note: If you unplug your Monitor, you will have to reset the clock to the current time.

PICTURE INTERFERENCE

Your picture may be affected by interference caused by one or a number of factors, including:

Speckled or Streaked Picture Caused by nearby automobile ignition, electrical appliances, etc. This is most noticeable when there are loose connections to the unit.

Snow in Picture Caused by insufficient signal possibly when the video cable is too long or broken, or has an intermittent ground return.

MAINTENANCE AND TROUBLESHOOTING

BEFORE CALLING FOR SERVICE

Use the following chart to identify operating problems. You may save yourself a service call charge.

Note: Problems not listed here may be installation related. See the Installation Guide. Refer problems to Installer/Maintenance personnel.

Problem Identification Chart

| Problem | Possible Cause |
|---|---|
| No image on screen. | Source turned off? No signal? Weak signal? Cables loose or broken? |
| Selector Arrow does not appear on screen. | Using wrong remote control? Use only Trackball remote. Remote in VCR mode? Batteries weak? Wrong battery polarity? Remote not pointed at Monitor screen? Z-Trak Computer Mouse mode activated? |
| Colors misaligned. | Convergence needs adjustment. |
| Image appears distorted. | Aspect Ratio setup wrong for source selected? |
| Image appears in black and white. | Wrong broadcast standard selected? Black and white signal? Weak signal from broadcasting station? Cables broken or loose? |
| VCR cannot be controlled. | Remote in TV mode? Remote not pointed at VCR? VCR cannot be controlled by remote? Remote batteries weak? Did you use AutoFind option to program remote for VCR? VCR not IR controlled? VCR turned Off? VCR in Timer mode? Z-Trak Computer Mouse mode activated? |
| Sleep Timer does not function. | Sleep Timer status set to Off? |
| Monitor turns Off. | Sleep Timer turned On? Off Timer active? Power failure? |
| Monitor does not turn Off at preset time. | On/Off Timer disabled? |
| Image looks Washed-Out. | Loop Out/In switch set on wrong position? |
| Z-Trak Computer Mouse mode not active. | PS2 Mouse connected to computer? Remote not set up for computer mouse? Monitor cannot control mouse functions of computer? Computer's serial mouse input is not connected to COMM jack. |

RGB Source Problems

| Problem | Possible Cause |
|--|--|
| Video mode, Captions, Captions/Text not available on Setup Menu. | RGB selected as source, (only available on Video or S-Video Source). |
| Mouse menu remains on screen. | Select and adjust mouse menu before turning on computer. |

YOUR ZENITH WARRANTY MODEL NO. PRO880

PROTECTION PLAN FOR ZENITH PRO880 MONITOR

Welcome into the Zenith family! We believe that you will be pleased with your new Zenith Monitor. Please read this Protection Plan carefully. If this product was purchased for personal, family, or household purposes, it is a "TWO-YEAR LIMITED WARRANTY" as defined under federal law. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state within the U.S.A.

ZENITH'S RESPONSIBILITY

Parts and Labor — For two-years from effective warranty date, Zenith will supply new or remanufactured replacement parts and pay for service labor by a Zenith authorized digital display service center in the U.S.A. or Canada when needed to repair the product as a result of a manufacturing defect. Replacement parts are warranted for the remaining portion of the original warranty period.

On-Site Service — Whenever possible, warranty service will be provided where the Monitor is installed in the U.S.A. or Canada. Some repairs may require the unit to be removed and sent to a repair facility, at no additional charge.

Not Covered — This warranty covers manufacturing defects and does not cover installation, adjustment of controls, or repair of home systems, cable converters or cable company-supplied equipment; it also does not cover damage due to misuse, abuse, negligence, acts of God, or other causes beyond the control of Zenith. Any alteration of the product after manufacture voids this warranty in its entirety.

COMMERCIAL/INSTITUTIONAL USE— IF THIS PRODUCT IS USED IN COMMERCIAL OR OTHER INSTITUTIONAL APPLICATIONS OTHER THAN FOR PERSONAL, FAMILY, OR HOUSEHOLD PURPOSES, THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND CONSEQUENTIAL, SPECIAL, INDIRECT OR INCIDENTAL DAMAGES OF ANY KIND, INCLUDING LOST REVENUES OR PROFITS, ARE EXPRESSLY EXCLUDED.

Before you ask for Warranty service, check "Maintenance and Troubleshooting." You might avoid a service call.

OWNER'S RESPONSIBILITY

Effective Warranty Date — Warranty begins on the date of original installation. For your convenience, keep the dated bill of sale or delivery ticket as evidence of the purchase date.

Operating Guide — Read your Operating Guide carefully so that you will understand the operation of your Monitor and how to adjust the customer controls.

Warranty Service — For warranty service information, contact any Zenith authorized digital display service center. Parts and service labor that are Zenith's responsibility (see left) will be provided without charge. Other service is at the owner's expense. If you have any problem in obtaining satisfactory warranty service, call or write:

Zenith Electronics Corporation
Zenith Response Center
1000 Milwaukee Avenue
Glenview, IL 60025-2493
Telephone: (847) 391-8752
Mon-Fri, 8:00 a.m. - 4:30 p.m. Central Time
www.zenith.com

ZENITH ELECTRONICS CORPORATION
1000 MILWAUKEE AVENUE
GLENVIEW, ILLINOIS 60025-2493

Part No. 206-3069
Issue O
Printed in U.S.A.