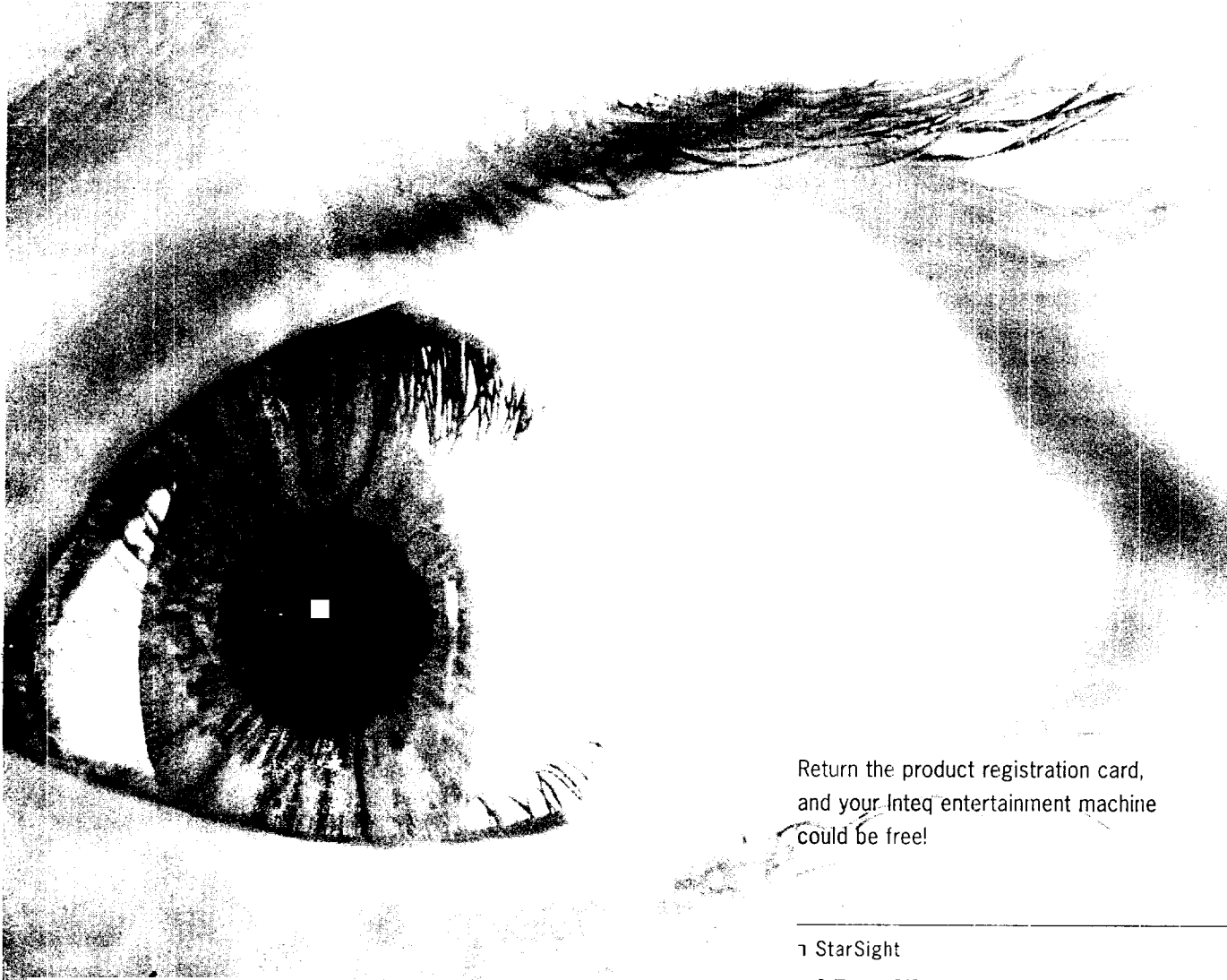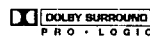# INTEQ

FULL FRONTAL ENTERTAINMENT FOR YOUR HEAD

| operating guide and warranty |

Return the product registration card, and your Inteq entertainment machine could be free!

˥ StarSight

˥ 2 Tuner PIP

˥ Dolby Prologic Surround Sound

˥ BBE Audio

˥ Intraq Remote

DOLBY SURROUND
PRO · LOGIC

BBE.

SAFETY TIPS

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

NOTE TO CABLE TV SYSTEM INSTALLER

This reminder is provided to call the cable TV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of the cable entry as practical.

POWER-CORD POLARIZATION

This product is equipped with a polarized alternating-current line plug (a plug having one blade wider than the other.) 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 outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

CAUTION

To prevent electric shock, match wide blade of plug to wide slot, fully insert.

ATTENTION

Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

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.

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.

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**
   All the safety and operating instructions should be read before the product is operated.

2. **Follow Instructions**
   All operating and use instructions should be followed.

3. **Retain Instructions**
   The safety and operating instructions should be retained for future reference.

4. **Heed Warnings**
   All warnings on the product and in the operating instructions should be adhered to.

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 bath tub, wash bowl, kitchen sink, or 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.

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 are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked 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 polarized alternating-current line plug (a plug having one blade wider than the other). 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 outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized 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.
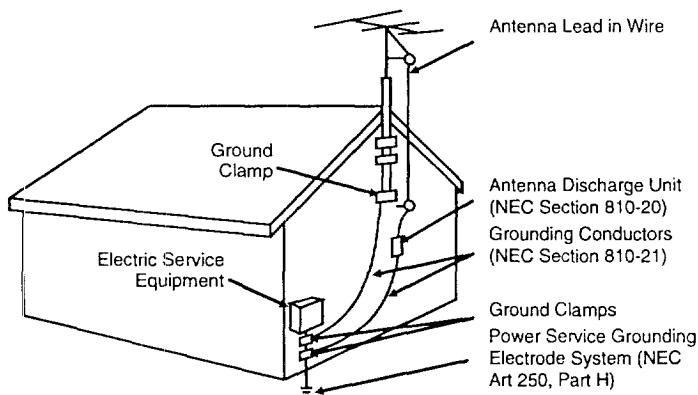
PORTABLE CART WARNING

IMPORTANT SAFETY INSTRUCTIONS

14. Outdoor Antenna Grounding

If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code (U.S.A.), ANSI/ NFPA 70 provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

EXAMPLE OF GROUNDING ACCORDING TO NATIONAL ELECTRICAL CODE INSTRUCTIONS

Antenna Lead in Wire

Ground Clamp

Antenna Discharge Unit (NEC Section 810-20)
Grounding Conductors (NEC Section 810-21)

Electric Service Equipment

Ground Clamps
Power Service Grounding Electrode System (NEC Art 250, Part H)

NEC - NATIONAL ELECTRICAL CODE

15. Lightning

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

16. Power Lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

17. Overloading

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

18. 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.

19. 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.

20. 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 as an 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.

21. 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.

22. 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.

23. Wall or Ceiling Mounting

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

24. Heat

The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

INTRODUCTION

CONTENTS

How to use this operating guide

Standard TV installation and operation is given in this portion of the operating guide. Follow the procedures given if you will not be using StarSight® . Two remote controls are provided, each with its own set of on-screen menus. Refer to the appropriate sections of this guide when using the different remote controls.

WELCOME

Welcome into the family of IⵏTEG™ Color Television owners. This guide provides instructions on how to operate your new TV. In addition, we strongly advise you to read and observe the precautions listed in the Important Safety Instructions section of this operating guide. . We urge you to read these publications carefully so that you will receive full enjoyment from your new IⵏTEG TV for many years to come.

Your new TV has been designed and built to give you the very best in quality, features and performance. There are thousands of IⵏTEG authorized service centers throughout the U.S., Canada and Mexico who can attend promptly and effectively to ordinary service needs.

If you should have an unusual performance or service problem that cannot be satisfactorily resolved by your IⵏTEG dealer or IⵏTEG authorized service center, contact us toll free at:

IⵏTEG
Customer Service Department
1000 Milwaukee Avenue
Glenview, IL 60025-2493
Telephone: (888) 376-6825
Mon-Fri, 8:00 a.m. - 4:30 p.m. Central Time

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 be of assistance in resolving it promptly.

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

DOLBY SURROUND
PRO • LOGIC

Manufactured under license from Dolby Laboratories Licensing Corporation. Additionally licensed under Canadian patent number 1,037,877. "Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

Model No. _____

Serial No. _____

INSTALLATION CONSIDERATIONS

Before you install your TV...

Ventilation — Proper ventilation keeps your TV running cool. Air circulates through perforations in the back and bottom of the cabinet. Do not block these vents or you will shorten the life of your TV.

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

Power Cord — Your power cord has a polarized plug as required by Underwriters' Laboratories. It has one regular blade and one wide blade and fits only one way into a standard electrical outlet. If the blades will not enter either way, your outlet is very old and non-standard. A new outlet should be installed by a qualified electrician.

Safe Operation — Your TV is manufactured and tested with your safety in mind. However, unusual stress caused by dropping or mishandling, exposure to flood, fire, rain or moisture, or accidental spilling of liquids into the TV, can result in potential electrical shock or fire hazards. If this happens, have your TV checked by a service technician before using it again.

PLEASE READ AND OBSERVE EACH SAFETY POINT IN THE "SAFETY TIPS" FOLDER WHEN INSTALLING AND USING YOUR TV.

VIDEO GAMES AND OTHER FIXED PATTERN DISPLAY CAUTION — If you use your TV for video games or other fixed displays, avoid setting the BRIGHTNESS control for an excessively bright picture. A fixed display is any image which does not change frequently, such as a channel/network identification or other symbol that remains in the same location for long periods of time. A bright, fixed pattern, if left on for long periods of time, can result in a permanent imprint on the TV picture tube. You can reduce this possibility by alternating the use of the fixed pattern display with normal TV picture viewing, by turning down the CONTRAST control for sustained fixed pattern use, and by turning off the fixed pattern display when not in use.

PLUGGING IN YOUR TV — Be sure to plug your TV into an "unswitched" AC power source. The "switched" AC outlets found on some video equipment will not continue supplying power to the TV once the equipment is turned off. If the power to the TV is interrupted, you will have to reset the clock in the TV to the current time.

PICTURE SCREEN CLEANING — Use a soft cloth moistened with warm water and rub lightly in the soiled areas of the screen. DO NOT USE A TISSUE OR PAPER TOWEL, AS THESE MAY DAMAGE SURFACE. Wipe only in the vertical (up/down) direction (along the grooves). If there is a dirt buildup, a mild solution of warm water and Ivory dishwashing detergent may be used. Use dry soft cloth to dry the screen. Care should be taken to avoid scratches or damage to the screen surface.

NOTE — The TV screen is easily damaged. Avoid accidental contact with the screen.

INTRODUCTION

INTEQ ......DEFINED ....UNLEASHED

Your new Inteq TV is a "high-tech," sophisticated, entertainment machine. Just watching TV is no longer enough: It's time to start experiencing TV. Do you want your teeth to be rattled loose by the sound and your eyes dazzled by the brilliance and sharpness of the picture? then start your ignition (press **POWER**), fasten your seat belt, and experience this....

Look at the Video....

650+, or 700, or even 800 lines of horizontal resolution (depending on the TV model). Add to this a 3-line comb filter that provides wicked reds and tight, cool blues, and you have picture quality that can only be described as **awesome**! But there's more .... Invar picture tube technology in the direct view TV prevents warping and other video distortion that can occur in larger picture tube sizes operating at high temperature. Improved signal brightness defined with truer color is the end result.

For the projection entertainment machine, the lens systems deliver high contrast and optimum brightness for extreme picture performance. Also, the short focal optical path gives the system its slim profile so it takes up less floor space without sacrificing performance. And, the screen's Frennel lens provides uniform light distribution – without "hot spots" – for a more realistic picture with a whopping 160° wide viewing angle. (That means you don't have to sit directly in front of the projection TV to see a quality picture.)

Listen to the Audio....

Dolby Pro-Logic Surround Sound™ , Dolby Phantom Pro-Logic™ , Dolby 3™ , BBE Sonic Maximizer™ : With a line-up like this, "full frontal entertainment for your head" – especially for your ears – is no joke! The really great part is that all of this audio performance occurs inside the TV. So, if you choose to route the TV sound through your stereo system or external amplifier to create a home theater system, you'll still have the benefit of these audio enhancing features.

Dolby Pro-Logic Surround Sound™ : This technology utilizes the same logic steering, directional enhancement system found in theaters to put sound where it belongs. With optional speakers hooked up, the separate center channel keeps dialogue and other central sounds close to the screen while other sounds (like background noise) come from the back, in a "surrounding" effect. You might actually think you're in a theater.

Dolby Phantom Pro-Logic™ : This phantom takes nothing away. Instead, it actually creates the illusion of a "true" center channel and uses the same logic steering Dolby is famous for in systems without a surround sound speaker system.

Dolby 3™ : A perceptual digital audio coding technique of phenomenal efficiency, quality and versatility. Now, true stereo sound effects can be achieved for expanded depth, localization, and realism — even without surround sound speakers.

BBE Sonic Maximizer™ : Nothing can compare to being at a live performance .... until now! When sound is recorded, transmitted, and wrung through miles of wires and countless audio circuits, it's obvious that some of the live performance experience will be lost. That's where the BBE Sonic Maximizer comes to the rescue: BBE technology compensates for phase and amplitude distortions to return sound to a near live-performance state. The result is crystal-clear highs and earth-shattering lows.

OTHER GOOD STUFF

As if the Video and Audio stuff isn't enough, your entertainment machine is packed full of other features you'll love. At the head of the list is the StarSight® program guide. Why thumb through TV listings in the newspaper when you can see the listings on your TV screen? Not to mention having detailed descriptions of movies and shows and automatic programming of VCR-record features at your finger tips. You'll want to activate this optional service immediately.

All TV operations, video picture adjustments, and audio sound adjustments are performed through the use of on-screen menus and displays. And, most of the TV's features can be selected and adjusted from the comfort of your favorite chair by using either of the two infrared remote controls: The Multi-brand (7 function) remote or the Intraq trakball (TV/VCR) remote.

The multi-brand programmable remote can operate up to seven different pieces of audio/video equipment. Talk about convenience: Your VCR, Video Disk Player, TV, Audio Amplifier, and others can all be operated by this one remote. About the only thing it doesn't do is change its own battery – that's up to you.

If you really like modern toys, you'll want to operate your Inteq machine with the In傽aq™ programmable trakball remote. "Point-and-press" — such as the pointer on a computer screen — is the effortless way to unleash this machine's capabilities. In addition, not only will the Intraq remote operate your TV, it can also be programmed for the basic functions of most VCRs.

This operating guide describes a family of TV models. Not all models have all of the features described in this guide. In addition, different control panels may be used from model to model. Most models include the following features:
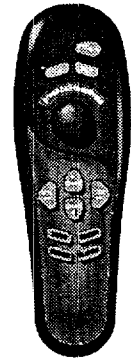
GENERAL FEATURES	AUDIO FEATURES
Optional StarSight® Program Guide Capability	Dolby Pro-Logic Surround Sound™
Automatic Demonstration of TV Features	Dolby Phantom Pro-Logic™
On-Screen Menus accessed by Remote Controls or the TV Control Panel	Dolby 3™
Universal (7 Mode) Programmable Remote Control	BBE Sonic Maximizer™
Intraq Trakball (TV/VCR) Programmable Remote Control	On-Screen Audio Adjustments
Closed Captions and Text Modes	MTS Stereo
181 Channel Tuning	Surround Sound Speaker Jacks
Automatic Channel Programming	Front and Rear Surround Sound Speaker Controls
Parental Control Channel Block	Preset Surround Sound
Channel Labels (ABC, NBC, MAX, SHO, etc.)	**Preset Audio Enhancement Effects**
Input Source Identification (VCR, Cable Box, etc.)	Variable Audio Output jacks
Antenna/Cable and Loop-Out to Cable Box Jacks	SoundRite Auto Volume Limiter
Rear Chassis Audio/Video (A/V) Input/Output Jacks	2-Level Audio Mute Control
Front Chassis Audio/Video (A/V) Input Jacks (Available on some models only)	On-Screen Captions when Audio Muted
On-Screen Video Adjustments	**PIP (Picture-In-Picture) FEATURES**
Channel Scan Add Channels	Video Swap PIP Window/Main Screen Picture
Channel Scan Delete Channels	PIP/Main Screen Pictures Freeze
Select Channel Surfing Channels	Picture-In-Picture Capability with 2 Direct-Source TV Tuners
Sleep Timer	1-Minute Commercial Break Surf-to-PIP Channel Scanning
On/Off Timer (Vacation Timer)	Audio Swap PIP Window/Main Screen Picture
On-Screen Icon Menu Identifiers	Move PIP Window anywhere on-screen with Intraq Remote
	Intraq PIP Icons Menu

Features and specifications are subject to change without prior notice.

⚠ Refer to the StarSight® operating guide for StarSight® activation and operation.

GET TO KNOW YOUR ENTERTAINMENT MACHINE

TYPICAL LOCATION OF USER ITEMS

The user items pointed out in the illustration are important to the operation of your entertainment machine. You should be familiar with them because they are referenced throughout this operating guide.

Point remote toward center of screen to operate TV.

Control Panel and Front A/V Input Jacks (See below)

Built-in speakers

Source Connection Panel

Place VCR Shelf Here (Projection TVs only)

Front View of TV

Back View of TV

TYPICAL CONTROL PANEL

The control panel on your TV may differ slightly from the one shown but its operation is the same.

ENTER
Shows the Channel/Time display, or removes any on-screen display or menu.

MENU
Shows a menu. Press repeatedly to sequence through the available menus.

VOLUME Up/Down
Increases or decreases sound level.

POWER
Turns TV On or Off.

ENTER ◀ADJUST▶ SELECT MENU ▼VOLUME▲ ▼CHANNEL▲ POWER

ADJUST Left/Right
Shows information/status display for selected option during on-screen menu operation, and adjusts the selected menu option.

SELECT Up/Down
Selects a menu option during on-screen menu operations.

CH (CHANNEL) Up/Down
Selects channels higher or lower than the current channel.

Remote Window
Point the remote control towards this window to operate the TV. (Direct view TVs only.)

TV SOURCE CONNECTION PANEL

Before you can use it, you have to connect it! And with the help of the easy-to-follow diagrams on the following pages, setting up your entertainment machine is a snap.

The jacks shown here on the **Source Connection Panel** provide three basic functions: 1. Input connection from an antenna or cable system; 2. Input connection from a VCR or other A/V device; 3. Output connection to an optional monitor, amplifier or speakers. Refer to the following descriptions.

VIDEO 1 or 2 IN
Jacks for audio and video input from a stereo VCR or other stereo A/V device.

You must connect to these jacks in order to hear stereo sound from your stereo VCR.

Use the Left audio input jack when connecting a monaural VCR to these A/V inputs.

S-VIDEO 1 IN
Jacks for audio and video input from a Super-VHS VCR.

ANTENNA/CABLE 1
75-ohm antenna or cable-TV connection. Attach your antenna, cable-TV line or 75-ohm output from a VCR to this jack.

LOOP OUT TO DECODER
Routes the direct cable-TV input to Antenna/Cable 2 back to the cable box supplied by the cable service.

ANTENNA/CABLE 2
Additional 75-ohm antenna or cable-TV connection.

SURROUND SPEAKER TERMINALS
Connections for output to optional Surround Sound speakers.

STARSIGHT CONTROL PORT
Jack for connection of StarSight Remote Emitter cable.

MONITOR OUT
Standard audio/video jacks for output to an additional audio/ video monitor (such as a second TV). Whatever is currently being being watched on this TV, is output to these jacks for viewing on the additional monitor.
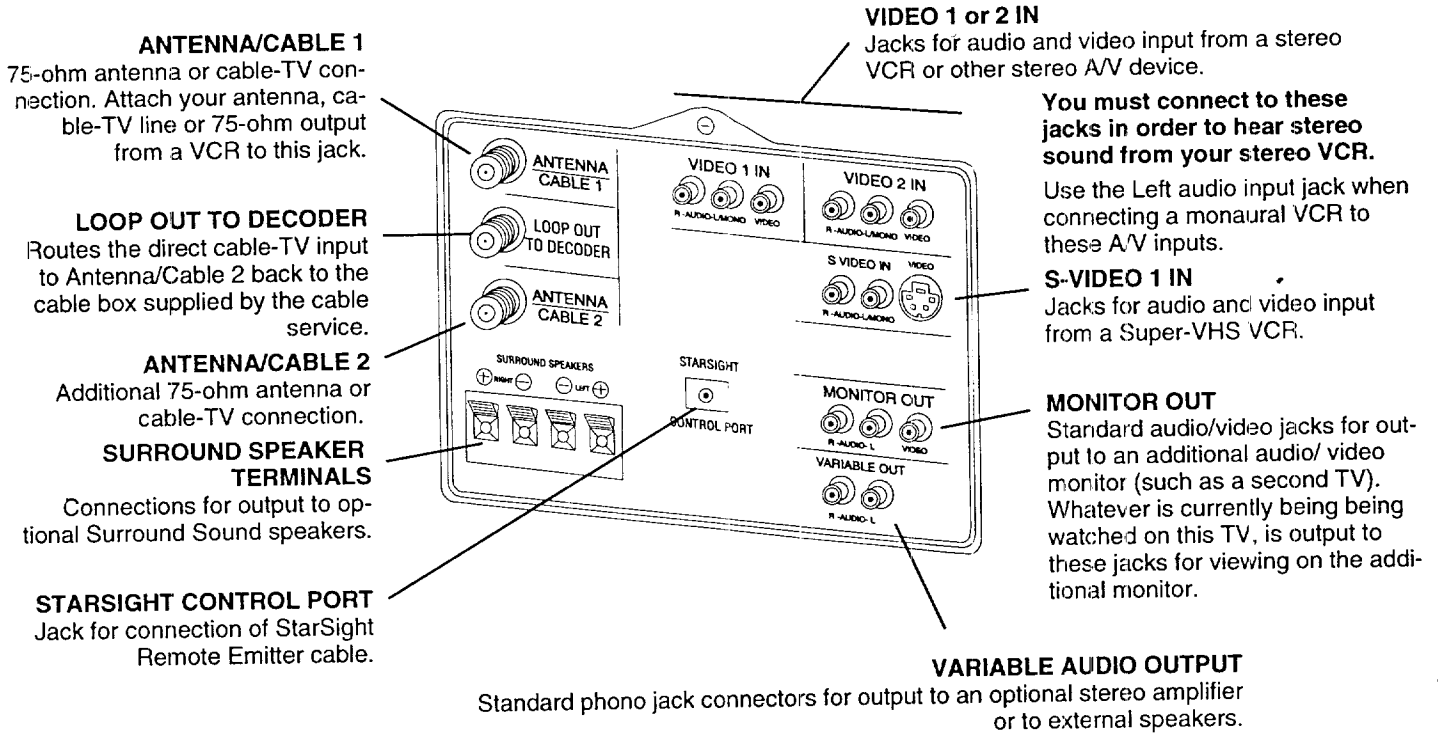
VARIABLE AUDIO OUTPUT
Standard phono jack connectors for output to an optional stereo amplifier or to external speakers.

To enhance your listening enjoyment using the Dolby Pro Logic Audio system, connect these jacks to the audio input jacks of your stereo amplifier. Then, follow the instructions in the Inteq Audio section of this operating guide —
AND GET READY FOR SOME SERIOUS LISTENING ENJOYMENT.

FRONT A/V INPUT JACKS

If your TV model is equipped with front A/V input jacks, they'll be on the control panel on the front of the TV behind a small door.

S-VIDEO 2 IN
Jacks for audio and video input from a second Super-VHS VCR or other Super-VHS video device.

VIDEO 3 IN
Jacks for audio and video input from a third stereo VCR or other A/V device.

Use the Left audio input jack when connecting a monaural VCR to these A/V inputs.

3061-01
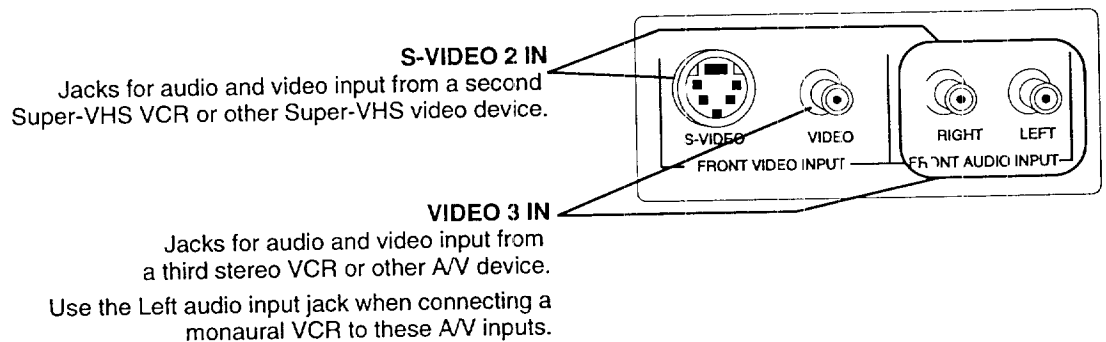
CONNECTING YOUR TV

OVERVIEW: SOURCE EQUIPMENT CONNECTION OPTIONS

A "source" refers to the equipment that supplies the picture and sound to your TV. Several types of "source" equipment are shown below: Antennas, cable boxes and VCRs. And, your television has many input jacks to allow the connection of several different input sources all at the same time.

The following pages show several alternatives for connecting sources and other equipment to your TV. These recommended connections will provide you with the greatest possible versatility when using the TV. Once all connections are done, proceed to "The First Time You Operate Your TV" section to get your entertainment machine up and running.
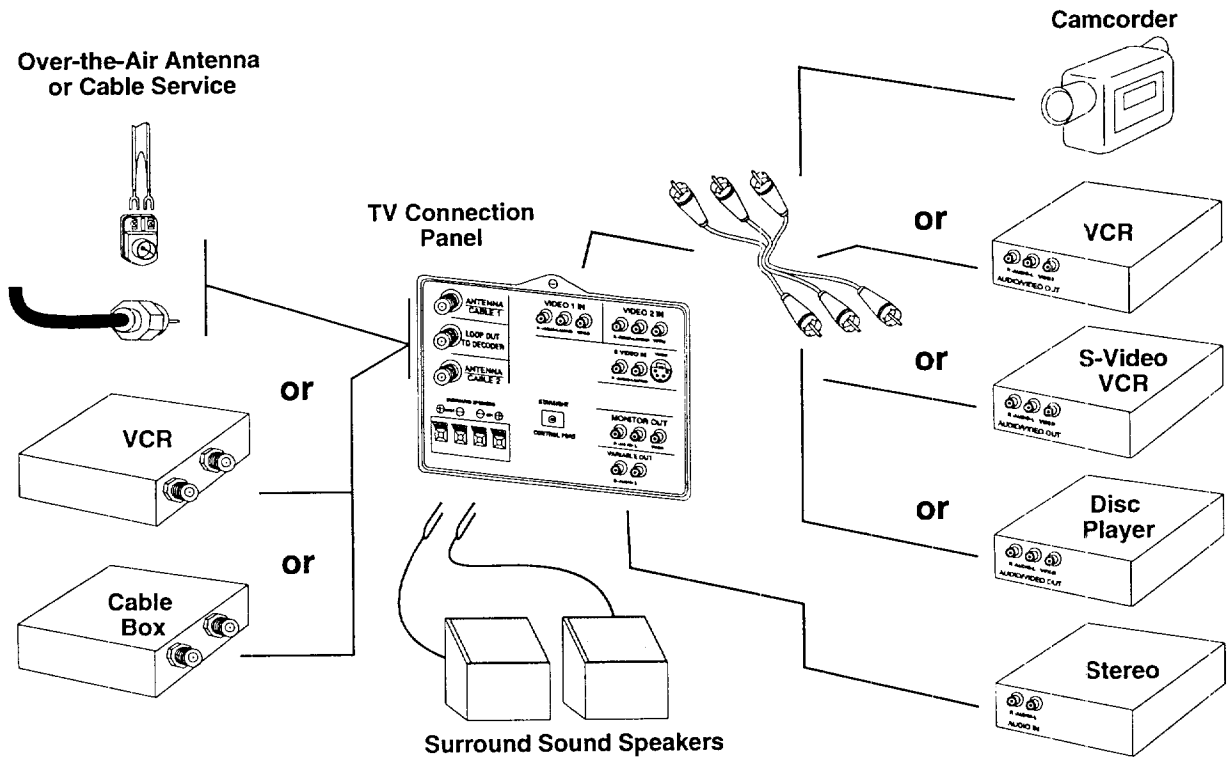
OVERVIEW OF CONNECTION OPTIONS

Input Jacks on TV Connection Panel

Antenna/Cable 1 In Jack
Antenna/Cable 2 In Jack
Video 1 In Jacks
Video 2 In Jacks
S-Video In Jacks

Input Jacks on Front Connection Panel

Front Video In Jacks
Front S-Video In Jacks

Output Jacks on TV Connections Panel

Loop-Out to Cable Box
Monitor Output Jacks
Variable Audio Output Jacks
Surround Sound Speaker Output Jacks
StarSight Emitter Output Jack

Equipment That Can Be Connected to the TV Connections Panel Includes:

Cable-TV Boxes, VCRs, S-Video Equipment, Camcorders, Video Disc Players, Video/Surveillance Cameras, Audio Amplifier or Stereo System, Surround Sound Speakers, etc.

⚠️ **Turn off power or unplug TV before making any connections to your TV.**
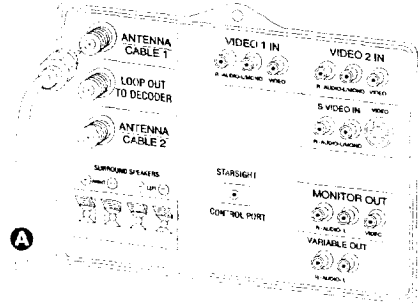
SETUP 1: ANTENNA OR DIRECT CABLE-TV

If you receive your signal by antenna or direct cable-TV (no cable box), connect your TV as shown here.

Cable	Leading from..	Connected to..
A – 75 ohm Antenna Cable	Wall Jack – From Antenna or Cable Service	TV – Antenna/ Cable 1

PIP Capabilities with Setup 1

❏ View a channel as the main TV picture and simultaneously view a different channel in the PIP window. (Main Source and PIP Source are Antenna/Cable 1.)

❏ View a channel as the main TV picture and simultaneously view the same channel in the PIP window. (Main Source and PIP Source are Antenna/Cable 1.)

❏ Swap the PIP picture and main picture.

Antenna or Cable-TV Connection
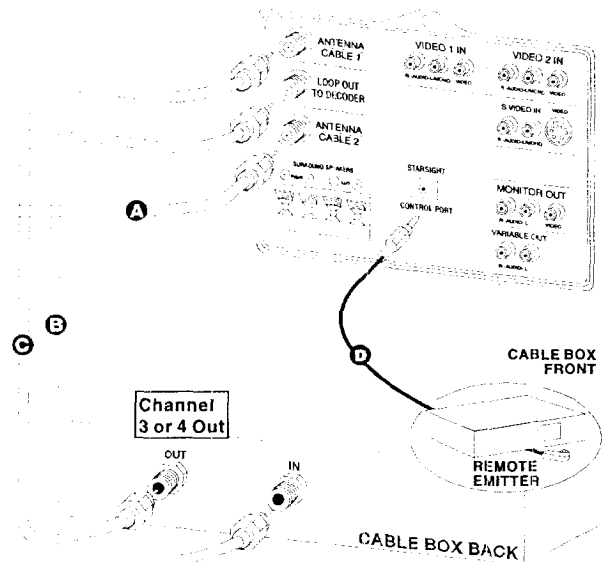
SETUP 2: CABLE-TV WITH CABLE BOX

If you receive your television from a cable box, connect your TV as shown here.

Cable	Leading from..	Connected to..
A – 75 ohm Antenna Cable	Wall Jack – From Antenna or Cable Service	TV – "Antenna/ Cable 2"
B – 75 ohm Antenna Cable	TV – "Loop Out To Decoder"	Cable Box – "In"
C – 75 ohm Antenna	Cable Box – "Out"	TV – "Antenna/ Cable 1"
D – Remote Emitter Cable	TV – "StarSight Control Port"	Cable Box – Front panel

Note: Choose Ant/Cable 1 Source in the Inteq Source menu and tune your TV to channel 3 to watch channels selected by the cable box (Antenna/Cable 1 jack, Cable C).

PIP Capabilities with Setup 2

❏ View a channel as the main TV picture and simultaneously view a different channel selected by the TV in the PIP window. (Main Source and PIP Source are Antenna/Cable 2.)

❏ View a channel selected by the cable box as the main TV picture and simultaneously view the same channel in the PIP window. (Main Source and PIP Source are Antenna/Cable 1.)

❏ Swap the PIP picture and main picture.

Cable Box Connection

⚠ **Do not unplug your cable box at any time! Do not plug your TV power cord into the back of your cable box!**
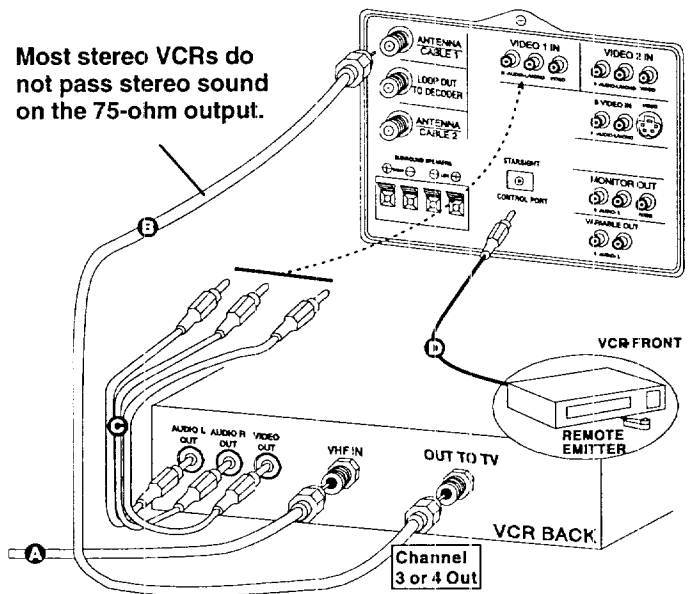
CONNECTING YOUR TV

SETUP 3: VCR OR SUPER-VHS VCR

If you receive your signal through your VCR, connect your TV as shown here.

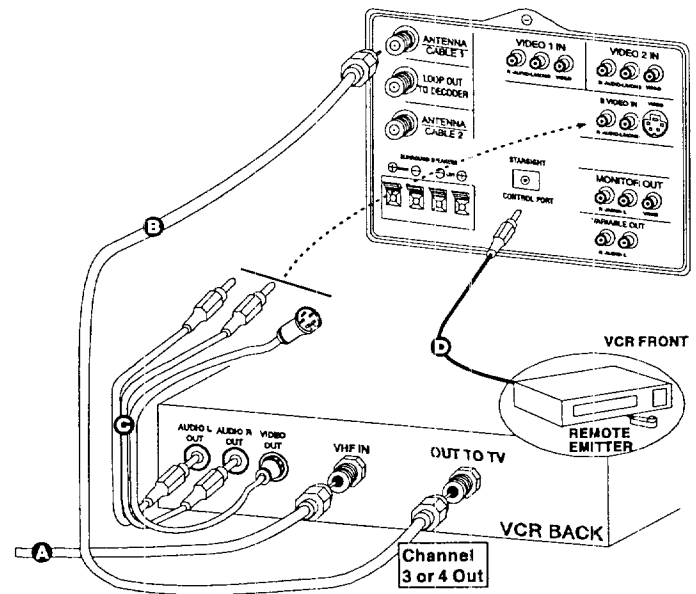| Cable	Leading from..	Connected to..
A – 75 ohm Antenna Cable	Wall Jack – From Antenna or Cable Service	VCR – VHF In
B – 75 ohm Antenna Cable	VCR – Out to TV	TV – Antenna/ Cable 1
C – Audio/Video Cables	VCR – R-Audio-L/ Video Out.	TV – Video 1 or 2 In (or S-Video In)
D – Remote Emitter Cable	TV – StarSight Control Port	VCR – Front panel

Notes:

☐ The Video 1, Video 2, S-Video or Front A/V connections must be used if you wish to hear stereo sound from your stereo VCR.

☐ If you have a Super-VHS VCR, see connections diagram below for Super-VHS VCR.

☐ Choose Ant/Cable 1 Source in the Inteq Source menu and tune your TV to channel 3 to watch a tape or a channel selected by the VCR (Ant/Cable 1 jack, Cable B).

PIP Capabilities with Setup 3

☐ View a channel as the main TV picture and simultaneously view a different channel selected by the TV in the PIP window. (Main Source and PIP Source are Antenna/Cable 1; TV/VCR switch on VCR set to TV.)

☐ View a channel selected by the TV as the main TV picture and simultaneously view a different channel selected by the VCR, or a video tape in the PIP window. (Main Source is Ant/Cable 1; PIP Source is Video 1 In; TV/VCR switch on VCR set to TV.)

☐ View a channel selected by the VCR or a video tape as the main picture of the TV and simultaneously view the same channel or video tape in the PIP window. (Main Source and PIP Source are Video 1.)

☐ Swap the PIP picture and main picture.

Most stereo VCRs do not pass stereo sound on the 75-ohm output.

Standard VHS VCR Connection

Super-VHS VCR Connection

SETUP 4: VCR AND CABLE BOX

If you receive your signal through a VCR and a cable-TV box, connect your TV as shown here.

| Cable	Leading from..	Connected to..
A – 75 ohm Antenna Cable	Wall Jack – From Antenna or Cable Service	TV – "Antenna/Cable 2 In"
B – 75 ohm Antenna Cable	TV – "Loop Out to Decoder"	Cable Box – "In"
C – 75 ohm Antenna Cable	Cable Box – "Out"	VCR – "VHF In"
D – 75 ohm Antenna Cable	VCR – "Out To TV"	TV – "Antenna/Cable 1"
E – Audio/Video Cables	VCR – "R-Audio-L/Video Out"	TV – "Video 1 or 2 In"
F – Remote Emitter Cable	TV – "StarSight Control Port"	VCR/Cable Box – Front panels

Notes:

❏ The Audio/Video connections must be used if you wish to hear stereo sound from your stereo VCR.

❏ Choose Ant/Cable 1 Source in the Inteq Source menu and tune your TV to channel 3 (or 4) to watch a tape playing in the VCR or a channel selected by the cable box (Ant/Cable 1 jack, Cable D).

PIP Capabilities with Setup 4

❏ View a channel as the main TV picture and simultaneously view a different channel selected by the TV in the PIP window. (Main Source and PIP Source are Antenna/Cable 2; TV/VCR switch on VCR set to TV.)

❏ View a channel selected by the TV as the main picture of the TV and simultaneously view a different channel selected by the cable box in the PIP window. (Main Source is Ant/Cable 2; PIP Source is Video 1 In; VCR is on and tuned to channel 3 or 4.)

❏ View a channel selected by the TV as the main picture of the TV and simultaneously view a video tape playing in the VCR in the PIP window. (Main Source is Ant/Cable 2; PIP Source is Video 1 In; VCR is on and playing a tape.)

❏ View a channel selected by the cable box as the main picture of the TV and simultaneously view the same channel in the PIP window. (Main Source and PIP Source are Video 1.)

❏ View a video tape playing in the VCR as the main picture of the TV and simultaneously view the same video tape in the PIP window. (Main Source and PIP Source are Video 1.)

❏ Swap the PIP picture and main picture.
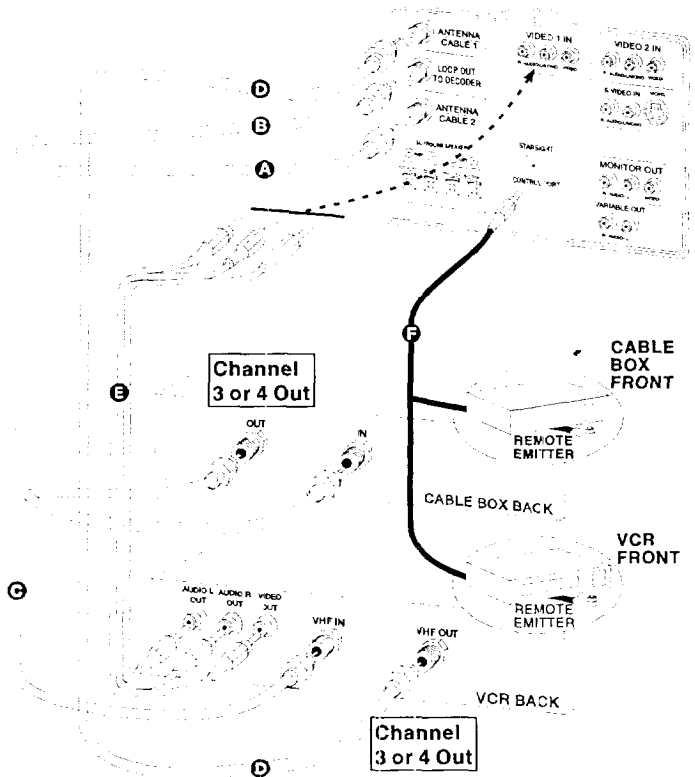
Cable Box and VCR Connection

Starsight Notes:

❏ The Remote Emitter is only necessary if you are planning to activate StarSight.

❏ **Do not adhere the Remote Emitter until after you have completed activating StarSight and you have confirmed the correct codes that operate your VCR and Cable Box.** Once the code is confirmed, peel off the backing of the sticker on the Remote Emitter and adhere it in place.

❏ To activate StarSight, proceed to "Step 1. Fill out the StarSight Checklist" in the StarSight operating guide.

CONNECTING YOUR TV

FRONT AUDIO/VIDEO (A/V) CONNECTIONS
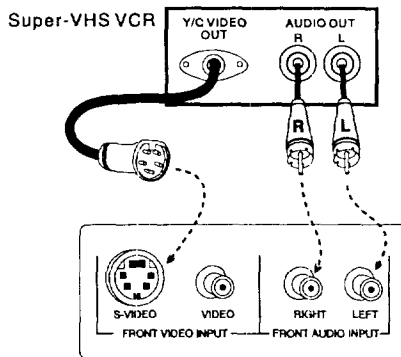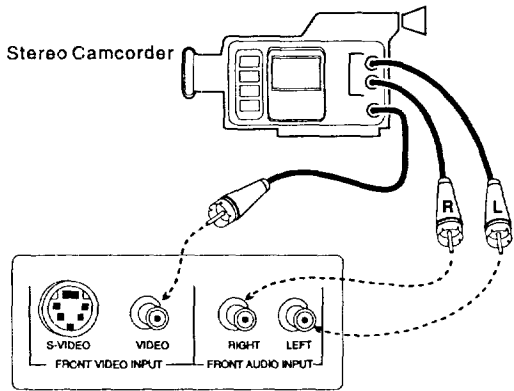
OPTIONAL AUDIO AMPLIFIER/SURROUND SOUND CONNECTIONS TO TV

If you wish to listen to the TV audio through an external amplifier or stereo system, or connect Surround Sound speakers to your TV, refer to the connections diagrams shown below.

Amplifier and Dual Surround Speaker Connections

Single Surround Speaker Connection

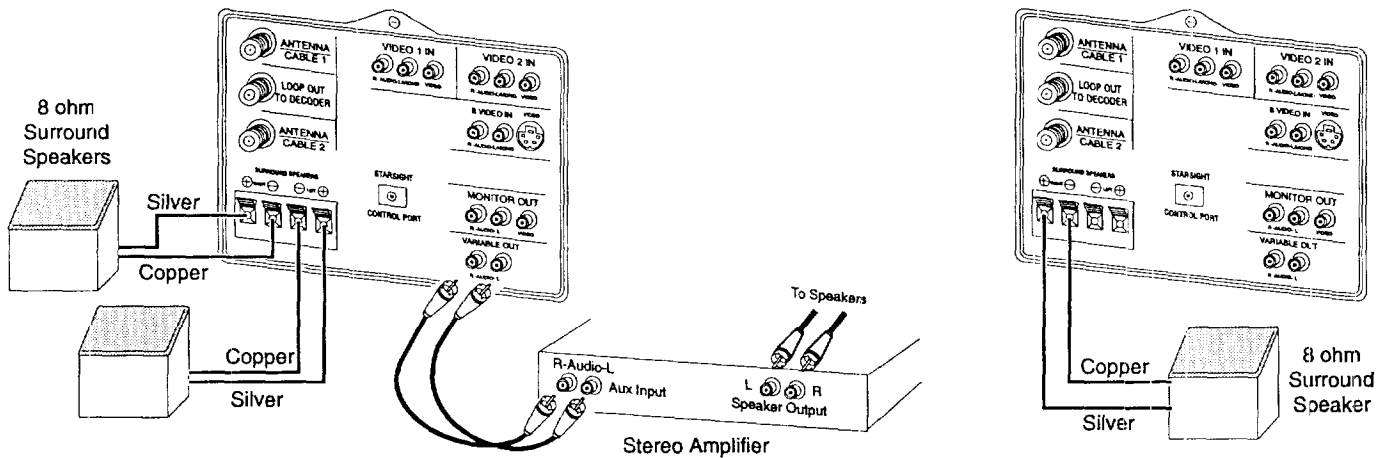| WAYS TO LISTEN TO YOUR TV			
TV Speakers Only	**Amplifier Speakers Only**	**TV & Amplifier Speakers**	**Surround Sound**
❏ **INTEQ Audio Menu "Speakers" set to "ON," stereo amplifier turned "OFF"** — The TV's speakers are On. Sound is heard from the TV's speakers.	❏ **INTEQ Audio Menu "Speakers" set to "OFF," stereo amplifier turned "ON"** — The TV's speakers are Off. Sound is heard from the amplifier's speakers.	❏ **INTEQ Audio Menu "Speakers" set to "ON," stereo amplifier turned "ON"** — Sound is heard from both the TV's and amplifier's speakers.	❏ Connect Surround Sound speakers as shown. The level of Surround Sound will vary, depending on the program being viewed. Note that not all programs have Surround Sound audio.
❏ **Use the TV's volume control** to raise and lower the sound level of the TV's speakers.	❏ **Use the TV's volume control** to raise and lower the sound level of the amplifier's speakers.	❏ **Use TV's volume control** to raise and lower the sound level of both sets of speakers.	❏ If you want to use only **one** surround speaker with your TV, connect the speaker wires to either the left or right terminals.

Notes:

❏ See the INTEQ Audio section of this operating guide for information regarding the INTEQ Audio Menu.

❏ Cables shown above, and in the diagrams on the preceding pages, are not supplied with your TV. Optional cables can be purchased at your local home electronics retailer.

CONNECTING YOUR TV

TYPICAL HOME THEATER SETUP

What is "home theater?" In simple terms, it is providing a movie theater-like experience in the privacy of your own home. Your Inteq entertainment machine has been designed with home theater in mind and delivers outstanding video and audio perfomance. By adding a few optional accessories as shown below, you could have the entertainment system that is the envy of everyone on your block.

A typical home theater system can contain the following optional equipment: Inteq television, Inteq Digital Video Disc (DVD) player, Inteq VCR, Inteq Powered Sub-woofer, Inteq Mini Tower Speakers, and Surround Sound speakers. You'll want to connect these items as described below.

Inteq TV

Inteq DVD

Inteq VCR

Inteq Powered Sub-woofer

Inteq Mini Tower Speakers

Inteq Surround Sound Speakers
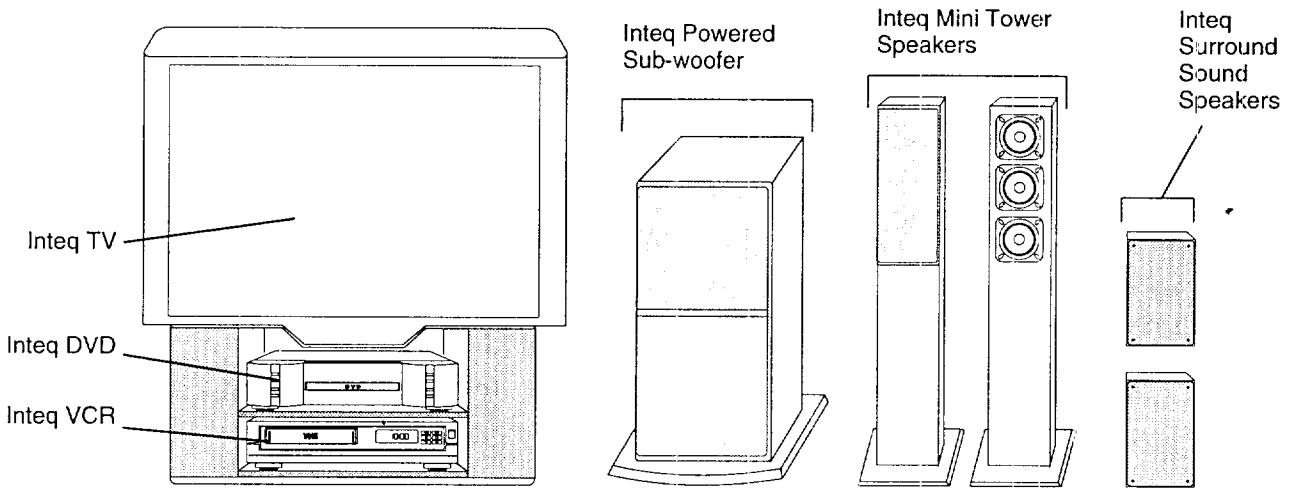
To Connect the Equipment Shown Above

Cable	Leading from..	Connected to..
A – 75 ohm Antenna Cable	Wall Jack – From Antenna or Cable Service	TV – "Antenna/ Cable 1 In"
B – Audio Cables	Sub-Woofer – "Audio R & L Input"	TV – Variable Audio Output
C – Speaker Wires	Surround Sound Speakers	TV – Surround Sound Speaker Terminals
D – Audio/Video Cables	Inteq DVD Player – "Audio R & L/ Video Output"	TV – "Video 1 In"
E – Audio/Video Cables	Inteq VCR – "Audio R & L/ Video Output"	TV – "Video 2 In"

Notes:

❏ The Audio/Video connections must be used if you wish to hear stereo sound from your stereo VCR or stereo Video Disc Player.

❏ Refer to the Sub-woofer and Tower Speaker operating guides for information on properly connecting these optional accessories.
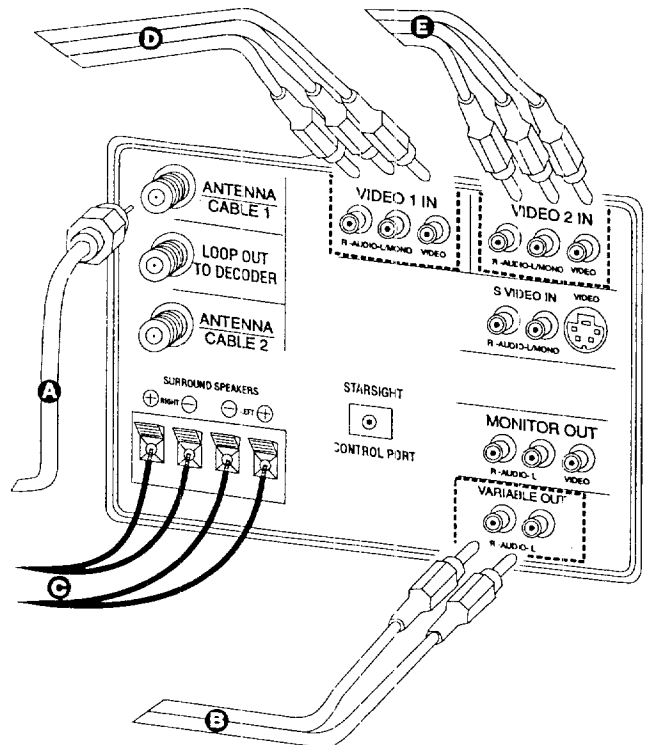
⚠ **Turn off power or unplug TV before making any connections to your TV.**

Placement of System Equipment

Typically, you'll want to place your home theater equipment as shown in the illustration: Left, Center, and Right channel speakers are set in front of you, creating what is refered to as a "front sound stage" to provide dialog and stereo sound. The Surround Sound speakers (rear-channel sound) are set behind you and to the side.

There are many ways a home theater system can be arranged. The example shown here is just one possible setup.
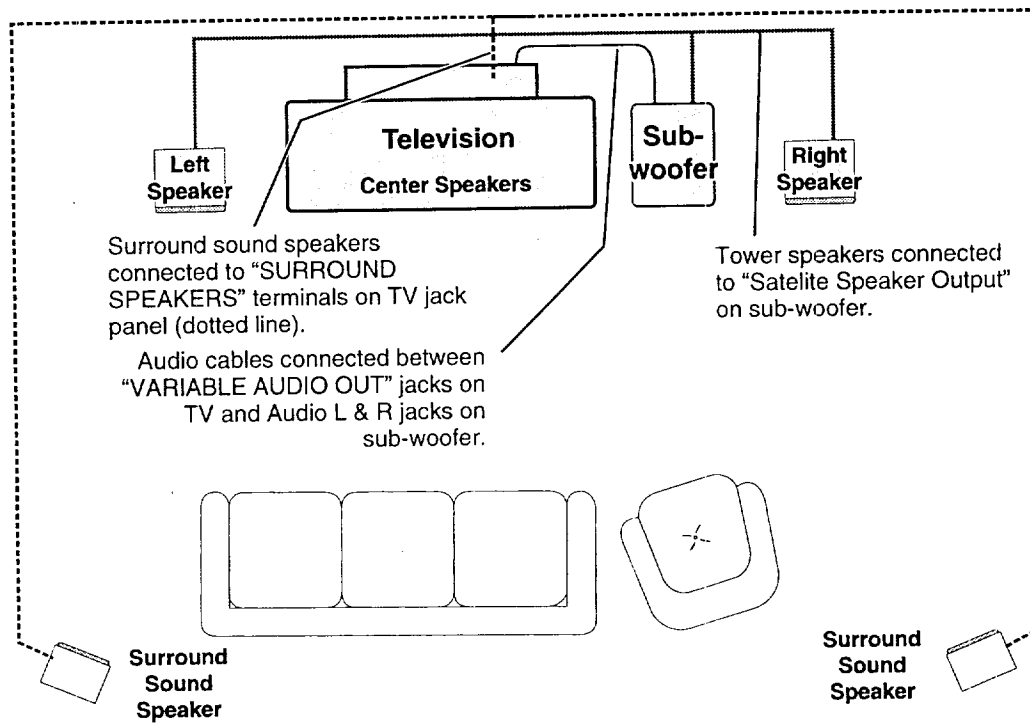
Typical Placement of Home Theater System Equipment

While Operating The Home Theater System

While you're experiencing your new home theater, you'll want to keep the following in mind:

❑ Your entertainment machine is shipped from the factory with the picture and sound adjustments preset. To change these settings, select the Video or Audio menu and adjust the options to your own personal preference.

❑ To hear the correct level of sound from your speakers, perform the speaker balancing procedure described in the Inteq Audio Menu section of the operating guide.

❑ If you are not hearing any audio from the surround speakers, the program may not have Surround Sound. Not all programs or movies contain Surround Sound.

WHAT YOU SHOULD DO FIRST

## STEP 1: INSTALL THE BATTERIES INTO THE REMOTE CONTROLS

Batteries are provided with your remotes but they must be installed before you use the remotes. When a remote no longer functions normally, or when it loses memory, replace the batteries with high-quality, alkaline batteries. Match plus with plus (+ with +) and minus with minus (– with –), as shown in the battery compartment.

Unless your equipment responds to the factory preset codes, you will need to reprogram the remotes with the codes of your particular equipment each time you replace batteries.

Universal Remote
(Uses 2 size AAA batteries.)

Push tab in and lift out.

Notes:

❑ Do not to place heavy objects on top of the remote control keys. Prolonged unintentional operation of the remote shortens battery life.

❑ Remove the batteries if the remote control will not be used for a month or more.
The manufacturer is not responsible for damage caused by battery leakage.
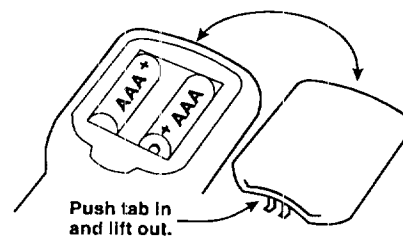
InTraq Remote
(Uses 2 size AA batteries.)

Push tab in and lift out.
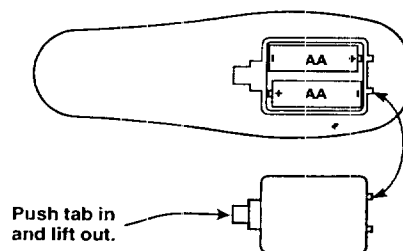
STEP 2: CONNECT THE POWER

After you have made the necessary connections to your entertainment machine, plug the power cord into an AC power outlet.

To connect power to your TV:
1. Plug your TV into an unswitched AC power source. (Normal household current outlet that <u>does not</u> turn On and Off with a switch.)
2. Turn the TV on by pressing **POWER**.
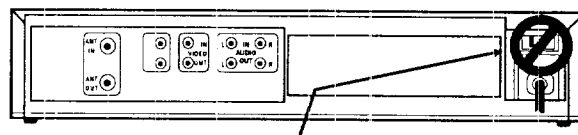
Do not plug TV into switched outlet found on some VCRs or cable-TV decoders.

STEP 3: SELECT YOUR MAIN SOURCE & PIP (Picture-in-Picture) SOURCE

A TV "source" refers to the equipment connected to the TV Source Connections Panel that supplies the picture and sound to your TV. You select the viewing source by using the **Inteq Source menu**.

Main Picture Source	PIP Window Picture Source
1. Press **SOURCE** on your remote to view the Inteq Source menu.	1. Press **SOURCE** on your remote to view the Inteq Source menu.
2. Press SOURCE repeatedly to select the source that corresponds to the jack on the TV connection center that is receiving the input signal.	2. Press the Left or Right arrows to select <u>PIP</u>.
	3. Press **SOURCE** repeatedly to select the source that corresponds to the jack that is receiving the PIP input signal.
3. Press **QUIT** to remove the menu.	4. Press **QUIT** to remove the menu.

INTEQ
Source

Main ◄► PIP

► Ant/Cable 1
  Ant/Cable 2
  Video 1
  Video 2
  S-Video
  Front Video
  Frnt S-Video

INTEQ
Source

Main ◄► PIP

  Ant/Cable 1
► Video 1
  Video 2
  S-Video
  Front Video
  Frnt S-Video
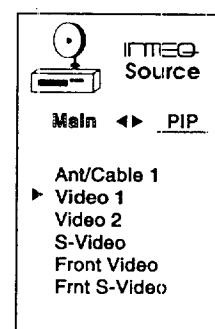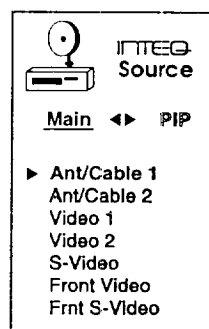
Source Menu with Main Source set to Ant/Cable 1 and PIP Source set to Video 1. Connections must be made to the corresponding jacks on the TV Connection Panel.

WHAT YOU SHOULD DO FIRST

STEP 4: USE AUTO PROGRAM

Auto Program finds all available channels on the selected antenna or direct cable-TV source and stores them in the memory of the TV.

To Start the Auto Program Procedure:

1. Either Ant/Cable 1 or 2 must be selected as the Main picture source. The selected source must be an antenna or direct cable-TV line.

2. Press **MENU** on your multi-brand remote until the **Inteq Setup** menu appears.

3. Press an Up or Down arrow until **Auto Program** is highlighted then press a Left or Right arrow to view the next screen.
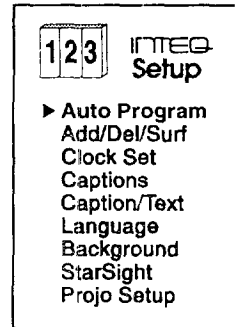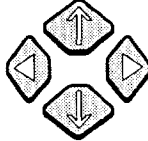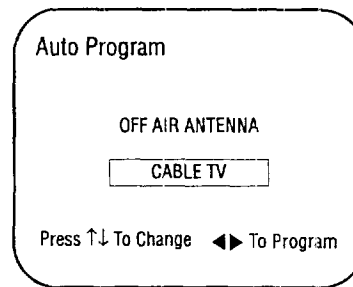
4. **What kind of TV signal is coming in to your TV? Did you connect a cable-TV line or an antenna to the jack on the back of the TV?**

   Press an Up or Down arrow to select either OFF AIR ANTENNA or CABLE TV.

5. Press a Left or Right arrow to begin the search for all available channels.

6. After the search is completed, wait a few seconds for the TV screen to clear.

⚠️ **The Auto Program procedure must be performed to properly receive all available channels .**

```
┌─────────────────────────┐
│ ┌───┐                   │
│ │123│  IΠΤΕQ            │
│ └───┘  Setup            │
│                         │
│ ► Auto Program          │
│   Add/Del/Surf          │
│   Clock Set             │
│   Captions              │
│   Caption/Text          │
│   Language              │
│   Background            │
│   StarSight             │
│   Projo Setup           │
└─────────────────────────┘
```

Inteq Setup Menu with Auto Program Highlighted

```
╭─────────────────────────────╮
│ Auto Program                │
│                             │
│                             │
│        OFF AIR ANTENNA      │
│      ┌─────────────┐        │
│      │   CABLE TV   │       │
│      └─────────────┘        │
│                             │
│ Press ↑↓ To Change ◄► To Program │
╰─────────────────────────────╯
```

Is a direct cable-TV line or an antenna connected to the source jack on the back of the TV?

Available channels are:

Broadcast Band — VHF 2 to 13, UHF 14 to 69
Cable-TV Band — 1 to 125

STEP 5: SET THE CLOCK

Don't forget to set the clock: If you're going to use features like the On/Off Timer, this is important.

1. Press **MENU** repeatedly on your multi-brand remote until the **INTEQ Setup** menu is displayed, then press the Up or Down arrows to select Clock Set.

2. Select Clock Mode, and press the Left or Right arrows.

3. Press the Up or Down arrow to select Auto or Manual, then press **MENU** to return to the previous menu:
AUTO: TV sets the time automatically (while the TV is turned OFF).
MANUAL: Use the universal remote to set the time.

AUTO	or	MANUAL
4. Use Up/Down arrows to select Time Zone, then press a Left/Right arrow.		4. Use Up/Down arrows to select Time Set and use the number keys to set the time.
5. Use Up/Down arrows to select Auto, press **MENU** to return to the previous menu, then use the Up/Down arrows to select Daylight Saving.		5. Press **TIMER** to select AM or PM.
6. Press a Left/Right arrow, then use the Up/Down arrows to select Auto.		6. Press **QUIT** to remove the menu
7. Press QUIT to remove the menu.		
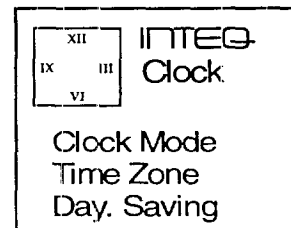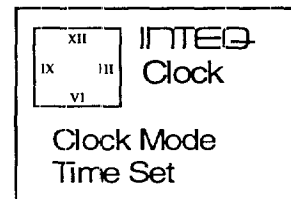
StarSight Clock Set Note:

After StarSight is authorized for your TV, it can take up to 48 hours for StarSight information to be provided to the TV. This may result in the Clock's time being set incorrectly. Simply activate the Clock Menu and set the correct time.

```
┌─────────────────┐
│ ┌─────┐         │
│ │ XII │ IΠΤΕQ   │
│ │IX III│ Clock  │
│ │ VI  │         │
│ └─────┘         │
│                 │
│ Clock Mode      │
│ Time Set        │
└─────────────────┘
```

```
┌─────────────────┐
│ ┌─────┐         │
│ │ XII │ IΠΤΕQ   │
│ │IX III│ Clock  │
│ │ VI  │         │
│ └─────┘         │
│                 │
│ Clock Mode      │
│ Time Zone       │
│ Day. Saving     │
└─────────────────┘
```

Auto/StarSight:

If StarSight is authorized for your TV, "StarSight Mode" appears in the display instead of Manual or Auto.

STEP 6: VERIFY COLOR CONVERGENCE (Projection TVs Only)

From the factory, your projection TV should perform as you expect it to: Crystal clear, teeth-rattling sound with brilliant, razor-sharp video images. However, because your TV "projects" three different images, each in a different color, and overlaps them on the TV screen, gravitational forces and strong magnetic fields can affect whether or not the images precisely overlap. If they do not, you will notice images on your TV with blue, red or green "fringes" around them.

To "converge" the Color(s) Back Into Alignment:

1. Press **MENU** on your multi-brand remote repeatedly until the **Inteq Setup** menu appears.
2. Press the Up/Down arrow keys to select Projo Setup then press the Left/Right arrow keys to view the "Converge" lines.

If you see four intersecting white lines, the colors are converged correctly. Press **QUIT** on your remote to exit the procedure.

If you see red or blue lines offset from the reference lines, the convergence procedure is necessary.

3. Press **SOURCE** to select either red or blue lines to converge.
4. Press the Up/Down and Left/Right arrow keys to move the red (or blue) lines directly on top of the reference lines. (Do this for both colors if necessary.)
5. Once the four lines are white, the colors are converged correctly. Press **QUIT** on your remote to exit the procedure.
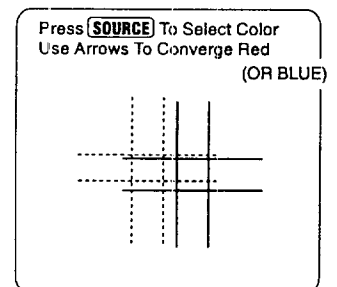
Note: Each time the TV is moved to a different location, check the convergence.
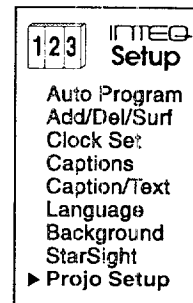
Inteq Setup Menu with Projo Setup Selected
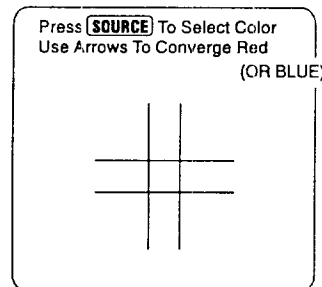
Four intersecting white lines indicate proper convergence.

Red or blue lines offset from reference lines indicate convergence procedure is necessary.

STEP 7: AUTO DEMO

To gain a basic understanding of the special features and many other features built into your new entertainment machine, you may wish to activate the Auto Demo. The TV will give you a quick "tour" of it's abilities.

To begin the Auto Demonstration:

1. Use an Up or Down arrow to highlight Auto Demo.
2. Press a Left or Right arrow to activate the demonstration. (It will begin after a few seconds.)

Notes:

❑ To stop the demonstration, you must select Auto Demo in the menu and set it to Off. Auto Demo will continue until it is set to Off.

❑ If you press any key during Auto Demo, it will disappear from the TV screen and begin again after about 20 seconds.
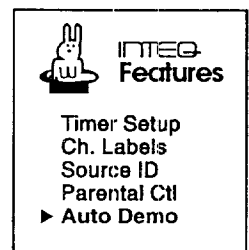
⚠ **To stop the demonstration, you must select Auto Demo in the menu and set it to OFF. Auto Demo will continue until it is set to OFF.**

STEP 8: USE OTHER OPTIONS

You may want to consider using the **Add/Del/Surf** option to delete undesirable channels or add additional channels, apply "labels" to your available channels using the **Ch. (Channel) Labels** option, label the input sources with descriptive names such as "VCR," or adjust the options in the **Audio** and **Video Menus**.

PICTURE-IN-PICTURE (PIP) OPERATION

OVERVIEW

Picture-in-Picture (PIP) allows your single TV to perform like two TVs. As illustrated below, two different pictures can be watched at the same time – on one TV screen – using the PIP feature. With this kind of convenience, you'll no longer need to place two TVs side-by-side to keep track of two important football games being played at the same time.
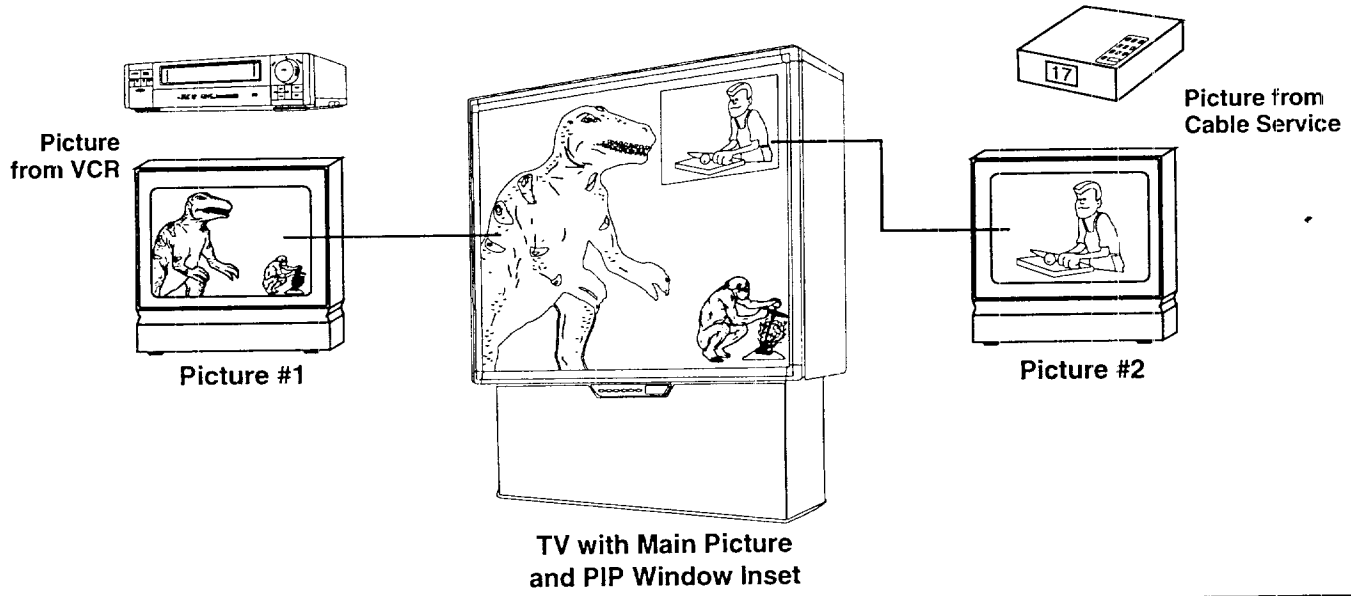
The pictures on the TV screen are provided by the equipment, or "sources," connected to the Connection Panel on the back of the TV. Of the many input jacks available on this connection panel, you can specify one input viewing source for the TV's main picture and a separate input viewing source for the PIP image.

Picture from VCR

Picture #1

Picture from Cable Service

Picture #2

TV with Main Picture
and PIP Window Inset

TWO TUNER PIP

Your TV is designed with two tuners. That means that there are two internal devices that can select the channels. This also means that the operation of PIP is easier than ever: With a single antenna or direct cable-TV connection to the Ant/Cable 1 or Ant/Cable 2 jack on the back of the TV, as shown below, you can watch one channel as the Main Picture of the TV while a completely different channel is showing in the PIP window.

The instructions for using the two-tuner PIP capabilities are different, depending on the remote control being used. Refer to the "PIP Features/Controls " sections on the following pages for specific operating instructions.
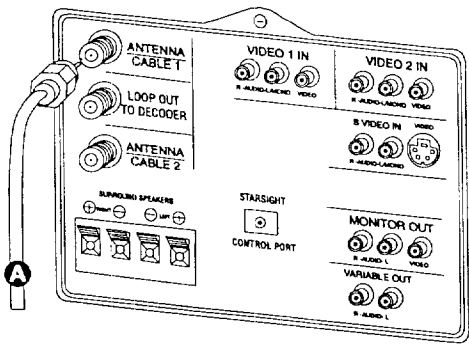
Example of antenna or direct cable-TV connection.
(Antenna/Cable 2 can also be used.)

TURNING ON PIP

Turn PIP On: Universal Remote Control
1. Press TV to ensure remote is in TV mode.
2. Point the remote at the TV and press PIP.
3. Use the Source Menu to choose the viewing source for the PIP window.
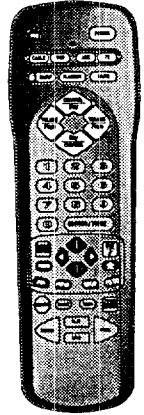
Turn PIP On: InTraq Remote Control
1. Press TV to ensure remote is in TV mode.
2. Point the remote at the TV and press the ball to view the on-screen "pointer."
3. Roll the ball to move the pointer to the middle/left of the TV screen to view the PIP Menu.
4. Move the pointer to the PIP icon and press the ball.
5. Use the Source Menu to choose the viewing source for the PIP window.
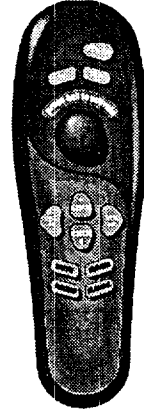
PICTURE-IN-PICTURE (PIP) OPERATION

SELECTING MAIN PICTURE SOURCE AND PIP WINDOW PICTURE SOURCE

Source of Audio (Main Picture)

PIP Window Picture

Ch 2-CBS
2:00
Surround
PIP
Ch 5- NBC

Source of Main Picture shows here.

Audio Mode

Source of PIP Window Picture shows here.

Main Picture

Note: The PIP features described here are based on using Antenna/Cable 1 or 2 as the Main and PIP sources.

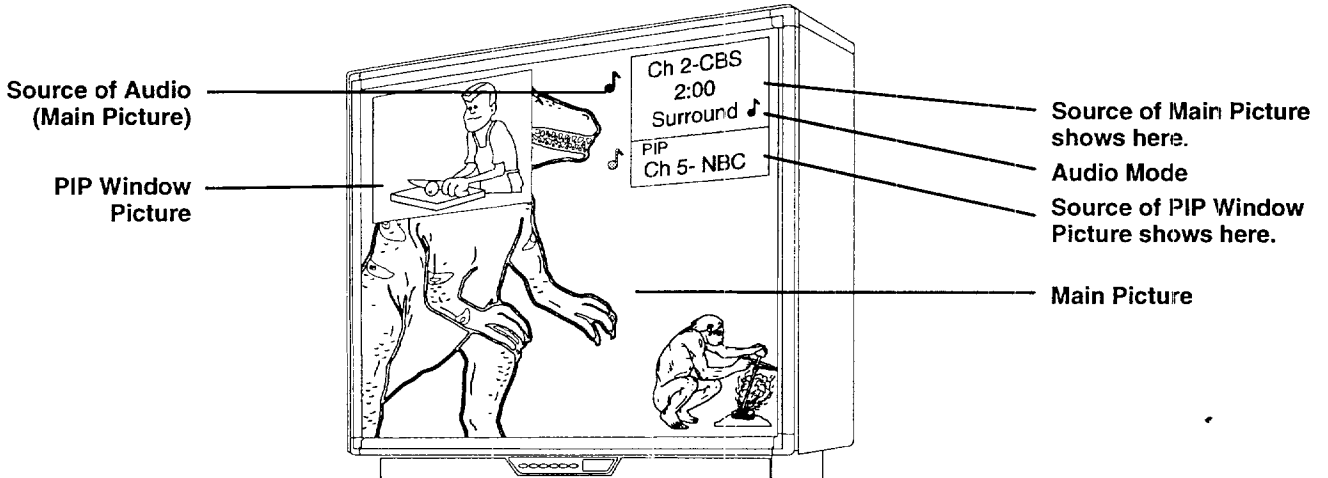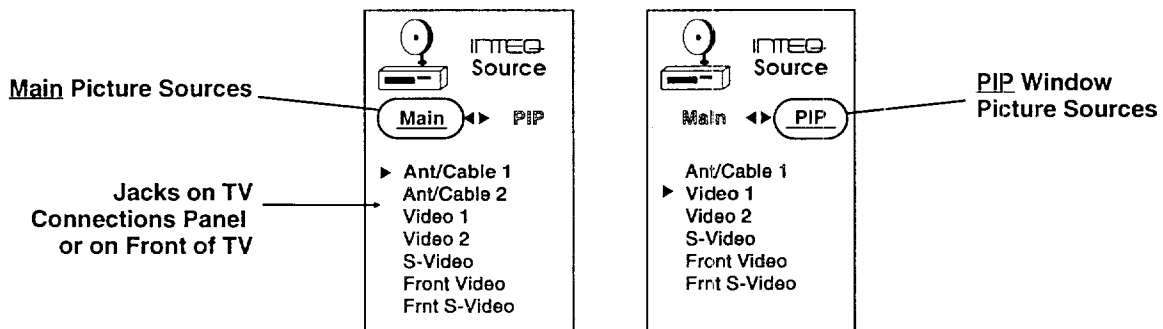| Selecting Main Picture and Pip Picture Sources Using the Universal Remote		Selecting Main Picture and Pip Picture Sources Using the Intraq Remote	
1. Press **TV** on remote. 2. Press **SOURCE** on remote to view the **Inteq Source** menu. 3. Press an Up or Down arrow repeatedly to select the source for the Main picture.	4. Press a Left or Right arrow to select PIP Source column. 5. Press an Up or Down arrow repeatedly to select the source for the PIP picture. 6. Press **QUIT** to remove the menu.	1. Press **TV** on remote. 2. Point and press on the SOURCE Menu icon (at the top/left of the screen) to view the **Inteq Source** menu. Source Icon	3. Point and press on the word Main, then select the source for the Main picture. 4. Point and press on **PIP** to select PIP Source column. 5. Point and press on the source you want for the PIP picture. 6. Move the pointer off the menu and press the ball to remove the menu.

Main Picture Sources

Jacks on TV Connections Panel or on Front of TV

INTEQ Source

Main ◄► PIP

► Ant/Cable 1
Ant/Cable 2
Video 1
Video 2
S-Video
Front Video
Frnt S-Video

INTEQ Source

Main ◄► PIP

Ant/Cable 1
► Video 1
Video 2
S-Video
Front Video
Frnt S-Video

PIP Window Picture Sources

Notes:

❑ You can choose any source listed for the Main picture and the PIP picture, as long as you have equipment connected to the corresponding jacks on the TV's connection panel.

❑ Initially, the Main and PIP picture sources are the same if the Main Picture is either Antenna/Cable 1 or 2. However, once you actually change the PIP source, the selected source is "remembered" and retained until it is changed again.

PIP FEATURES/CONTROLS OPTIONS WITH UNIVERSAL REMOTE

Up/Down/Left/Right Arrow Keys

♪ (Audio Swap)

PIP (On/Off)

PIP ch

REPLAY

SOURCE
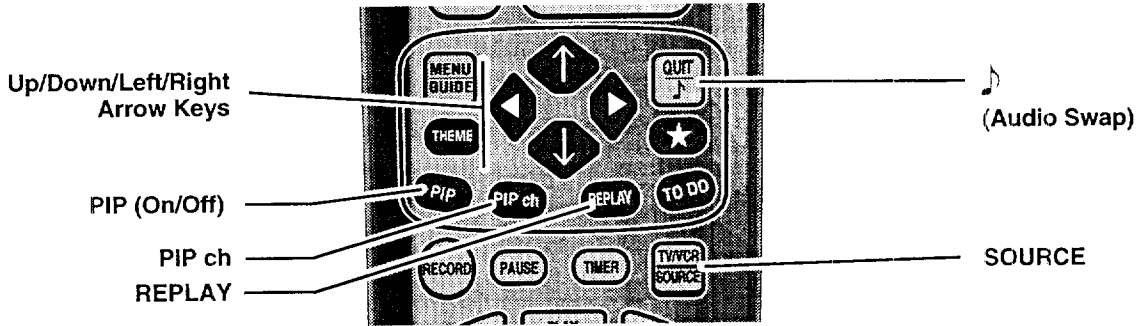
PIP Active Remote Control Functions

The "highlighted" text of the Channel/Time display shows which window – Main or PIP – is "active." The active mode (in this case PIP) is the window that the remote will operate.

When PIP is first turned On, the remote is immediately ready to operate in the PIP mode. The functions such as Channel Up/Down, Channel Flashback and the number keys for direct channel entry will be functioning and operate on the PIP window picture.

To change the active window:

Press **PIP ch** to switch the remote functions to the Main Picture source. Press again to return to PIP window operations.

To change source of Audio (Audio Swap):

To switch Audio sound from the Main Picture source to the sound from the PIP inset picture, (without any other menus on-screen) repeatedly press the musical note (♪) key.

PIP (On/Off)

Press **PIP** to turn the PIP feature On and Off.

PIP ch

Press to switch the channel selection from the PIP window to the Main picture.

PIP Replay

While a PIP window is on: Use to stop-action (freeze) the motion of the image in the PIP window. Press again to return to live action.

When a PIP window is not on: Use to "replay" four stop-action images, in a PIP window, of the last ten seconds of the main TV picture. Press again to "freeze" the view on one of the four images.

Source

Press to change the source of the PIP window.

PIP Active Arrow Keypad

When you press **PIP** on the Universal remote a help menu will appear. This is an on-screen reference showing which arrow keys perform which function.

Main Picture Channel Display

Audio is heard from the source that has the musical note next to it.

PIP channel display: "Highlighted" indicating the PIP window is active.

Ch 20
3:56 ·
Stereo
PIP
Ch 5

PIP channel display is added to the bottom of the Channel/Time display when PIP is turned On.
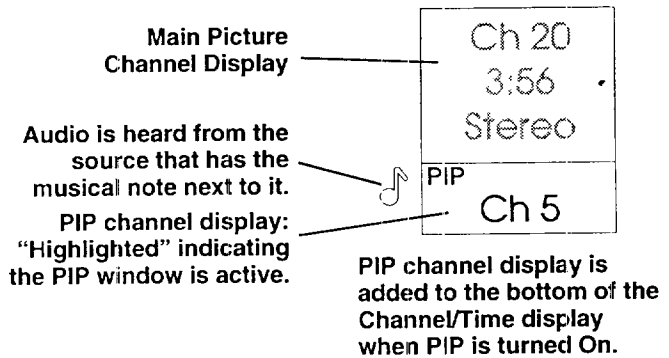
PIP Move

Press a Left or Right arrow repeatedly to move the PIP window to any corner of the TV screen.

PIP Move

Move
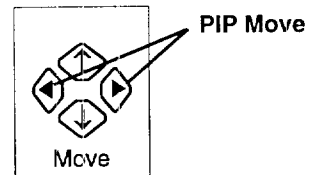
PIP Swap

Press an Up or Down arrow to swap the picture in the Main Picture screen with the picture from the PIP window. Press again to restore.

Swap

PIP Swap
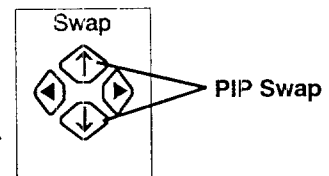
TWO-TUNER PIP: UNIVERSAL REMOTE

To View Two Different Channels Using One Antenna Input:

1. Turn the TV ON.
2. Press **SOURCE** to view the Source Menu.
3. Select Ant/Cable 1 for both the Main and the PIP Source. (If Ant/Cable 2 has the antenna or cable-TV connection, select Ant/Cable 2 for both sources.)
4. Press **PIP** to turn on the PIP window.
5. Press **PIP ch** to view the Channel/Time display. Press **PIP ch** until the Main Picture channel display is highlighted. Use the channel up or down controls to change channels of the main TV picture.
6. Press **PIP ch** until the PIP Picture channel display is highlighted. Use the channel up and down controls to change channels of the PIP window.

PICTURE-IN-PICTURE (PIP) OPERATION

PIP FEATURES/CONTROLS OPTIONS WITH TRACKBALL REMOTE

Listed below are descriptions of the PIP features available when using the Trackball remote. When PIP is Off, PIP On/Off, PIP Freeze, Surf-to-PIP, and PIP Replay are the only PIP features available to you. However, once PIP is turned On, all PIP features are available for use. Unavailable menu options appear in a shaded gray color.

PIP Trackball Menu Icons

Select these options with the InTraq remote on-screen pointer to perform the PIP functions described below.
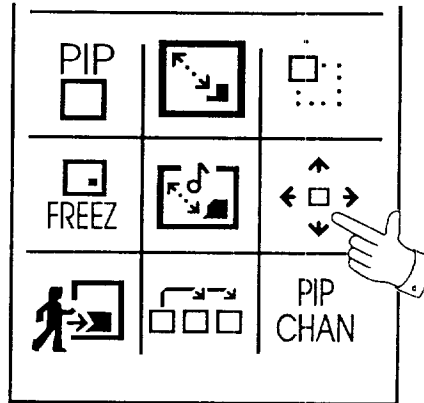
PIP Move

Move the pointer to a menu icon and the TV identifies the feature. Even if PIP is turned off, the TV still identifies the icon's feature.

TRACKBALL PIP FUNCTION ICONS

PIP On/Off
Turn PIP window on and off.

PIP Freeze
Stop-action (freeze) the picture in the PIP window. **Note:** If PIP is not active, pressing on this icon freezes the Main Picture in PIP window. Point and press on the PIP Freez icon again to return to live action.

Surf-To-PIP
Places your main TV program in a PIP window for 60 seconds. During this time, use channel up or down to scan your "surf" channels on the Main picture screen to see what is showing on other channels. After 60 seconds, the PIP window is removed and your original program returns to the Main TV screen.

Notes:

☐ The Surf-to-PIP feature works whether or not the Main picture channel is a Surf Channel.

☐ The Surf-to-PIP feature works with Ant/Cable 1 or 2 Sources only and is not available in StarSight mode.

PIP Swap
Swap the Main Picture with the PIP Window picture and back again.
(Not available when PIP is off.)

PIP Audio Swap
Swap the sound from the Main picture source with the PIP source.
Note: Main picture will stay, however, audio will be from PIP window source instead of Main picture source.
(Not available when PIP is off.)

PIP Replay
"Replays" four stop-action images, in a PIP window, of the last ten seconds of the Main TV picture. Move pointer to PIP window and press to "freeze" the view on one of the four images. Press again to continue replay.

Move pointer off replay area and press trackball to end replay.

PIP Size
Changes the PIP window size to small, medium, or large.
(Not available when PIP is off.)
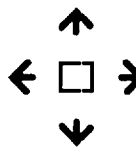
PIP Move
Moves the PIP window (with the pointer) to any location on the Main picture screen.
(Not available when PIP is off.)

Channel Mode
Switch channel changing modes from PIP window to Main picture. (Feature works with Ant/Cable 1 or 2 Sources only.
(Not available when PIP is off.)
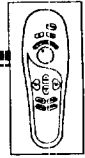
AUDIO SWAP USING THE CHANNEL/TIME DISPLAY

The Audio Swap feature can be performed using the nTraq remote while the Channel/Time display is showing on the TV screen.

To hear the sound from the Main picture source: Point and press here. The note will appear "highlighted."
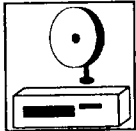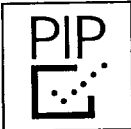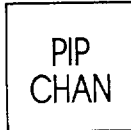
To hear the sound from the PIP picture source: Point and press here. The note will appear "highlighted."

Ch 20
3:56
Stereo

PIP
Ch 5
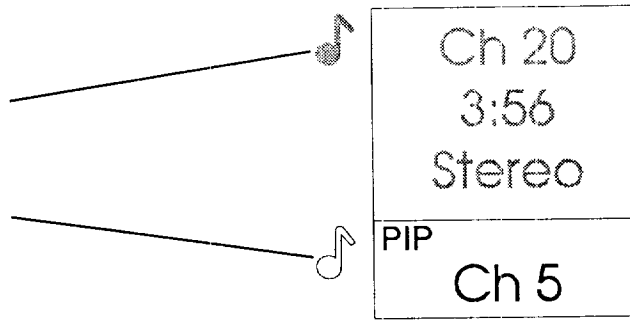
PIP Channel display appears while PIP is turned On.

TWO-TUNER PIP: INTRAQ REMOTE

To View Two Different Channels Using One Antenna Input:

1. Turn the TV On.
2. Point and press on the **Source** icon to view the **Source** Menu, then select Ant/Cable 1 for both the <u>Main</u> Source and the <u>PIP</u> source. (If Ant/Cable 2 has the antenna or direct cable-TV connection, select Ant/Cable 2 for both sources.)

3. Point and press on the PIP On/Off icon to turn on the PIP window.

PIP

4. Point and press on the PIP CHAN icon repeatedly until **(Main)** appears in the display.

PIP CHAN

5. Point and press on the channel up or down arrows to change channels of the Main TV picture.
6. Point and press on the PIP CHAN icon repeatedly until **(PIP)** appears in the display.
7. Use the channel up or down controls to change channels in the PIP window.

Main Picture Channel Display

Ch 20
3:56
Stereo
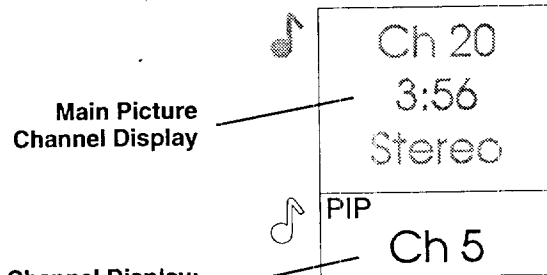
PIP Channel Display: "Highlighted" indicating the PIP window is active.

PIP
Ch 5

Point and Press here to change channels

Ch↑
Ch↓
All Chan
Flashback
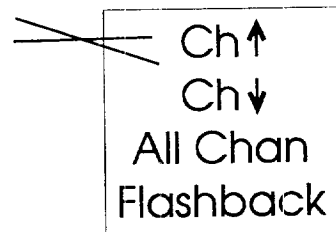
MULTI-BRAND REMOTE CONTROL: MBR3465

INTRODUCTION

This multi-brand (MBR) remote control operates the common features of most, but not all, models and brands of IR (infrared) controlled TVs, VCRs, cable boxes, video disc players, and audio equipment. The remote may be capable of functions that are not provided by your equipment, for example , on-screen menu operations. If some functions of optional equipment are not controlled by this remote, use the original remote that came with your equipment.

BATTERY INSTALLATION

Batteries are provided with the remote, but it's up to you to install them. When the remote no longer functions normally, or it appears to have lost memory, replace the batteries with two high-quality, alkaline, size AAA batteries. Match plus with plus (+ with +) and minus with minus (– with –) as shown in the battery compartment.

Once the fresh batteries are installed, your remote returns to normal operation. However, if you programmed it to operate A/V equipment other than Inteq brand, the remote must be reprogrammed for those products. Refer to the "Programming Your Remote" section later in this chapter. The factory preset codes for your Inteq euipment are 101 for TV, 201 for VCR, 353 for CABLE, and 401 for AUX.

Notes:

❑ Do not place heavy objects on top of the remote control 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.

Push tab in and lift out.
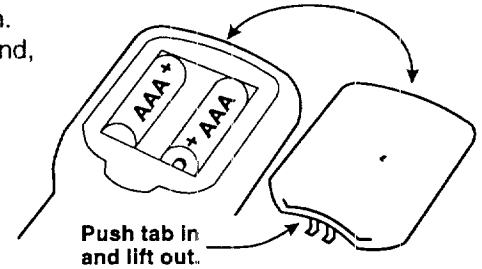
The manufacturer is not responsible for damage Caused By Battery Leakage.

CHOOSING OPERATING MODE

To control your TV, VCR, cable box, or auxiliary equipment with this remote, you must first choose the "mode" of operation. Press the desired mode key for TV, VCR, CABLE or AUX. Pressing the ★ (Star) key puts the remote into **StarSight** mode. To exit out of the StarSight mode, press **TV** or one of the other mode keys. Some keys on the remote will always operate a particular product function regardless of which mode the remote is in. For example, PLAY controls the VCR play function.

INDICATOR LIGHT
Lights whenever remote sends signal.

OPERATING MODE KEYS
Selects equipment to be controlled.

NUMBER KEY PAD
Initiates menu/equipment programming, direct channel selection, and other functions.

LOWER ARROW KEY PAD
Up/Down/Left/Right arrows perform different functions depending on the operating mode that is selected. See the following pages for details.

POWER KEY
Turns power of selected equipment On and Off.

UPPER ARROW KEY PAD
Keys perform different functions depending on the operating mode currently selected. See the following pages for details.

SPECIAL FUNCTION KEYS
Activates special features on some TVs, VCRs, and other devices.

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MULTI-BRAND REMOTE CONTROL: MBR3465

TV OPERATIONS

These descriptions apply to functions and operations of your TV.
First, press **TV** on the remote to select the TV mode of operation.

Point Remote at TV

PRG (Program)
Use for programming your remote to operate other equipment. See "Programming Your Remote" later in this chapter for more details.

FLASHBK (Flashback)
Returns to the previous TV channel.

SURF
Activates and cancels "Surfing" channel scan mode. When Surf is active, use channel Up and Down to scan "Surf" channels.

CHANNEL/DAY
(Up or Down Arrows)
Tunes to the next higher (or lower) channel programmed into the TV memory. Press and hold to repeat.

NUMBER KEY PAD
Enter number for direct channel tuning.

MENU/GUIDE
Displays on-screen menus for TV mode of operation. Press repeatedly to view other on-screen menus.

LEFT/RIGHT ARROW KEYS
Typically adjusts a selected on-screen menu option. Also moves the PIP window to a new location on the TV screen.

PIP, PIP ch, and REPLAY
See "PIP Operation" section for more details.

TIMER
Displays the SLEEP TIMER menu. Sets desired TV shut-off time. Also specifies AM or PM when setting the TV's clock or programming a timer feature. See "The First Time You Operate Your TV" section for more details.

POWER
Turns TV On or Off.

TV (Mode Key)
Selects TV mode of operation.

MUTE (2-Level, some TV models)
Reduces sound level and turns off sound while the picture remains. Press again to restore the sound.

VOLUME/PAGE (Left Side)
Decreases the TV's sound level. Press and hold to repeat.

VOLUME/PAGE (Right Side)
Increases the TV's sound level. Press and hold to repeat.

ENTER/TUNE
Shows the Channel/Time display or "enters" channel numbers.

QUIT/ ♪
Exits from the current menu operation and returns to the current channel. If no display is on-screen, it activates the BBE audio options. In PIP mode, it performs Audio swap.

UP/DOWN ARROW KEYS
Typically selects an option in an on-screen menu. In PIP mode, use to swap Main and PIP picture.

★ (Star), THEME
Activates the **StarSight** mode of the TV. See the **StarSight** operating guide for more details.

TO DO
In TV mode, turns Closed Captions On and On.

TV/VCR - SOURCE
Displays the menu of TV sources. Press repeatedly to step through the source selections.

TV Operations

Note: Keys dedicated to VCR functions may be used to operate your VCR while the remote is in TV mode.

MULTI-BRAND REMOTE CONTROL: MBR3465

KEY FUNCTIONS BY MODE

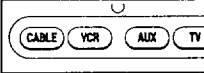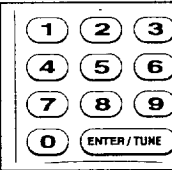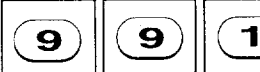| Name of Key	TV Mode (Code 101)	StarSight Mode (Press ★ Key)	VCR Mode (Code 201)	Cable Mode (Code 353)	AUX Mode (Code 401)
POWER	TV Power On/Off	Star Power On/Off	VCR Power On/Off	Cable Power On/Off	AUX TV/Disc
CABLE	Cable Mode ON	Cable Mode ON	Cable Mode ON	Cable Mode ON	Cable Mode ON
VCR	VCR Mode ON	VCR Mode ON	VCR Mode ON	VCR Mode ON	VCR Mode ON
AUX	AUX Mode ON	AUX Mode ON	AUX Mode ON	AUX Mode ON	AUX Mode ON
TV	TV Mode ON	TV Mode ON	TV Mode ON	TV Mode ON	TV Mode ON
SURF	TV Channel Surf	StarSight Chan. Surf	VCR AM/PM	CABLE FC (Favorite Ch.)	AUX Audio
FLASHBK	TV Flashback	StarSight Flashback	VCR Flashback	CABLE Flashback	AUX Frame/Time
MUTE	TV Mute	StarSight Mute	TV Mute	TV Mute (Note 1)	TV Mute
CHANNEL/DAY UP	TV Channel Up	StarSight CH/Day Up	VCR Channel Up	CABLE Channel Up	AUX Skip >>
CHANNEL/DAY DN	TV Channel Down	StarSight CH/Day Dn	VCR Channel Down	CABLE Channel Down	AUX Skip <<
VOLUME/PAGE UP	TV Volume Up	StarSight Vol/Page Up	TV Volume Up	TV Volume Up (Note 1)	TV Volume Up
VOLUME/PAGE DN	TV Volume Down	StarSight Vol/Page Dn	TV Volume Down	TV Volume Dn (Note 1)	TV Volume Down
1	TV Digit 1	StarSight Digit 1	VCR Digit 1	CABLE Digit 1	AUX Digit 1
2	TV Digit 2	StarSight Digit 2	VCR Digit 2	CABLE Digit 2	AUX Digit 2
3	TV Digit 3	StarSight Digit 3	VCR Digit 3	CABLE Digit 3	AUX Digit 3
4	TV Digit 4	StarSight Digit 4	VCR Digit 4	CABLE Digit 4	AUX Digit 4
5	TV Digit 5	StarSight Digit 5	VCR Digit 5	CABLE Digit 5	AUX Digit 5
6	TV Digit 6	StarSight Digit 6	VCR Digit 6	CABLE Digit 6	AUX Digit 6
7	TV Digit 7	StarSight Digit 7	VCR Digit 7	CABLE Digit 7	AUX Digit 7
8	TV Digit 8	StarSight Digit 8	VCR Digit 8	CABLE Digit 8	AUX Digit 8
9	TV Digit 9	StarSight Digit 9	VCR Digit 9	CABLE Digit 9	AUX Digit 9
0	TV Digit 0	StarSight Digit 0	VCR Digit 0	CABLE Digit 0	AUX Digit 0
ENTER/TUNE	TV Enter	StarSight Enter/Tune	VCR Enter	CABLE Enter	AUX Display
MENU/GUIDE	TV Menu	StarSight Guides	VCR Menu	CABLE Menu	AUX Program
THEME	StarSight Mode ON	StarSight Theme	StarSight Mode ON	StarSight Mode ON	StarSight Mode ON
UP ARROW	TV Select Up	StarSight Select Up	VCR Select Up	CABLE Up Arrow	AUX Part
DOWN ARROW	TV Select Down	StarSight Select Down	VCR Select Down	CABLE Down Arrow	AUX Random
LEFT ARROW	TV Adjust Left	StarSight Adjust Left	VCR Adjust Left	CABLE Left Arrow	AUX x3 FAST <
RIGHT ARROW	TV Adjust Right	StarSight Adjust Right	VCR Adjust Right	CABLE Right Arrow	AUX x3 FAST >
QUIT/♪ (Note 3)	TV Quit	StarSight Quit	VCR Quit	CABLE Quit	AUX Clear
★ (Star)	StarSight Mode ON	StarSight Mode ON	StarSight Mode ON	StarSight Mode ON	StarSight Mode ON
PIP	TV PIP On/Off	StarSight PIP On/Off	VCR VCR+	CABLE Day Up	AUX Repeat-Side
PIP ch (Note 4)	PIP/Main Ch Mode	PIP/Main Ch Mode	VCR Channel Map	CABLE Day Down	AUX Repeat-A-B
REPLAY	TV PIP Replay	TV PIP Replay	VCR Search	CABLE Pg Up/☆	AUX Repeat-Chap
TO DO	Closed Captions	StarSight To Do	VCR Memory	CABLE Pg Down/#	AUX Memory
TIMER	TV Timer	TV Timer	VCR Timer	CABLE Timer	AUX Still ><
TV/VCR/SOURCE	TV Source	TV Source	VCR TV/VCR Tuner	CABLE Info	AUX TV/Disc
RECORD	VCR Record	StarSight VCR Record	VCR Record	CABLE Buy	AUX Edit
PAUSE	VCR Pause	VCR Pause	VCR Pause	CABLE Guide	AUX Pause
REWIND	VCR Rewind	VCR Rewind	VCR Rewind	VCR Rewind	AUX Scan <<
PLAY	VCR Play	VCR Play	VCR Play	VCR Play	AUX Play
STOP	VCR Stop	VCR Stop	VCR Stop	VCR Stop	AUX Stop/Eject
FFWD	VCR Fast Forward	VCR Fast Forward	VCR Fast Forward	VCR Fast Forward	AUX Scan >>

Notes:

1. Can be overwritten with Cable Vol/Mute when 399 is entered.
2. All features subject to change without prior notice.
3. Source Audio Swap if PIP is turned On. BBE audio On/Off when no menu is on screen.
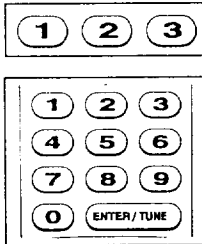
PROGRAMMING YOUR REMOTE

If you are using *Inteq* products, the remote is programmed for the most commonly used codes. For other brands — or if your remote fails to control your *Inteq* product — you will have to program the remote.

Basic Programming Modes: TV, VCR, Cable, Aux

1. Locate the three-digit code for your brand (such as Zenith) and type of equipment (such as VCR) in the code table on the following page.
2. Press and hold PRG with a small blunt object for about three seconds until the indicator lights. (Release the button after the indicator is on.)
3. Press **TV, VCR, CABLE,** or **AUX** to select the product you want your remote to control. (If you want, CABLE or AUX may be used for a second TV or VCR or to program your remote for a video disc player or audio equipment.)
4. Use the number keys to enter the three-digit code(s) for your equipment, then press **ENTER/TUNE.** The indicator light should flash a couple of times, then turn off to indicate that the code was accepted. If the indicator stays on, repeat steps 3 and 4 or try using a different code.
5. Write your codes on the label inside the battery compartment for future reference.
6. To erase all code programming and return to the factory preset codes, enter 9–1–1 when programming the remote.
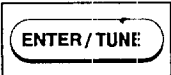
Additional Programming Modes: AUX+1, AUX+2, AUX+3

Your remote can control up to seven audio/video appliances using the **TV, VCR, CABLE** and **AUX** keys, and the **AUX+1, AUX+2, AUX+3** modes.

1. Begin with basic programming steps 1 and 2.
2. Press and hold the **AUX** key and at the same time, press either **1, 2** or **3.** Then release the keys.
3. Use the number keys to enter the three-digit code for your equipment, then press **ENTER/TUNE.**
4. To operate the equipment that you just programmed into this auxiliary mode, press the **AUX** key and the same number (either **1, 2,** or **3**) used during programming. The remote is now ready to operate the unit.
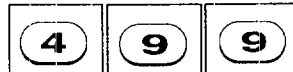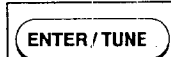
Cable Box Volume

The remote can operate the volume and mute functions of your cable box – if your cable box is equipped with these features.

1. Program the remote for your cable box using basic programming steps 1–4.
2. Perform the programming procedure a second time, but instead of entering the cable box code (in step 4), key in code 3-9-9, then press **ENTER/TUNE.** This tells the remote to operate the cable box volume/mute functions while you use the remote in cable mode.

If you no longer want to operate the cable box volume and mute while the remote is in cable mode, reprogram the remote for your cable code. Volume/mute functions are restored to the TV.

Amplifier Volume Override

If your TV is connected to an external amplifier, and you want to control the volume and mute features of the amplifier rather than those of the TV or cable box:

1. Program your amplifier's code into one of the AUX modes.
2. Select the mode on your remote (TV, VCR, etc.) where you want the **amplifier** volume control function to reside. For example, if you want to operate the volume and mute of your amplifier while the remote is in TV mode, press **TV** for this step.
3. Begin the programming procedure described in "Programming Your Remote" and enter code 4–9–9, followed by **ENTER/TUNE.**

Now, while you are watching TV, and the remote is in TV mode, the **VOLUME Up/ Down** and **MUTE** keys on the remote operate those functions of the amplifier.

4. To restore volume and muting control to your TV or cable box, reprogram the remote for these units into the mode (TV, Cable, etc.) to be restored.

Note: When operating a CD or audio tape device with your remote, amplifier volume and mute are automatically selected, if an amplifier code has been programmed into the remote.

AUTO FIND OPTION

If you have tried all the codes listed for your brand and type of product in the code table, and none of those codes operate your equipment, you can use **Auto Find** to search for the code you need.

To perform an Auto Find for the product codes:

1. Turn the unit ON and aim the remote toward it.
2. Press and hold **PRG** with a small blunt object until the indicator lights.

   (PRG)

3. Press the mode key on the remote for the product you want to control: **TV, VCR, CABLE,** or **AUX**.

   (CABLE) (VCR) (AUX) (TV)
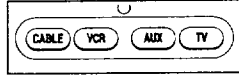
4. Enter **0–0–0**, then press **ENTER** within two seconds. When the indicator light flashes three times and remains lit, Auto Find is active.

   (0) (0) (0)
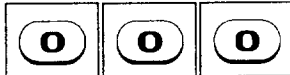
5. Press and hold **POWER**, then release it, repeating this action about once a second until the product turns OFF.

   (POWER)

6. Press **ENTER** immediately to save the code. If your remote fails to operate the functions you use most often, you can re-enter Auto Find and search for a better code.

   (ENTER/TUNE)
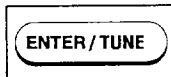
Programming Notes:

❑ During Auto Find, the indicator light will flash off each time you press **POWER**, and back on when you release it. If the indicator light stays on when you press **POWER**, Auto Find has tried all available codes. If you finish Auto Find and the product you want to control has not turned off, your remote cannot control that product.

❑ You may cancel programming at any time by pressing **PRG**.

❑ The remote cannot be programmed while in the **Star-Sight** mode: Press **TV, VCR, CABLE** or **AUX** before pressing PRG.

❑ If no key on your remote is pressed within 60 seconds, the programming process will stop, and you will have to start again.

Equipment to be controlled
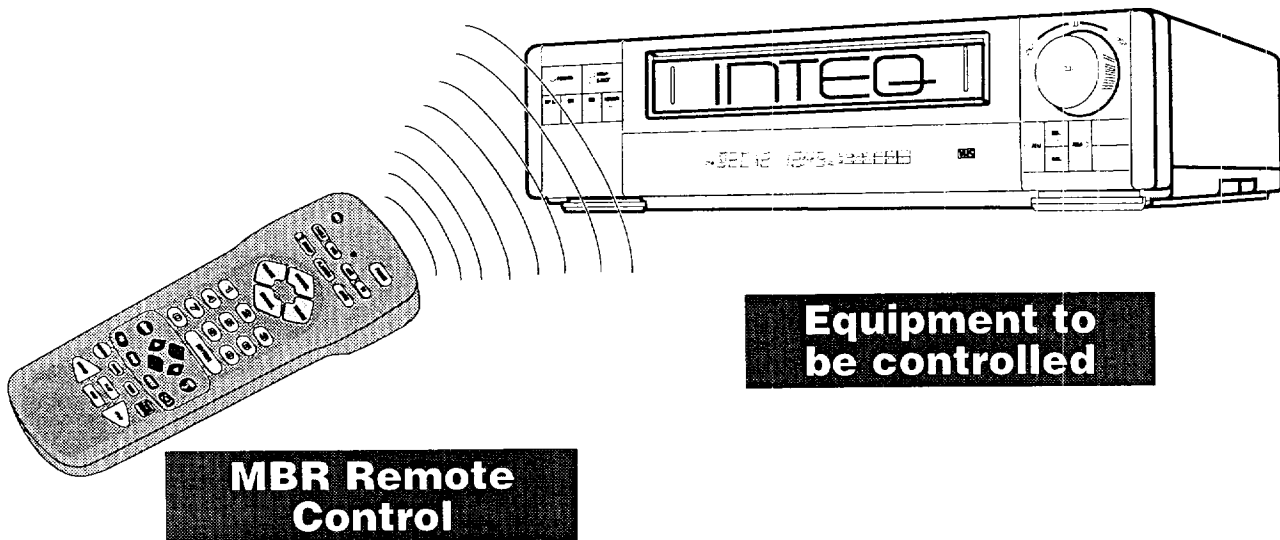
MBR Remote Control

MULTI-BRAND REMOTE CONTROL: MBR3465

OPERATING CODES BY BRAND NAME

TVS

Brand	Code
Admiral	116, 121, 130, 133
Adventura TV/VCR	154
Akai	104
Amark	103, 146
AOC	104
Bell & Howell	121
Broksonic	131, 136
Candle	139
Centurion	119
Citizen	121, 139
Contec	141
Coronado	103
Crown	103
Curtis Mathes	116, 119, 121
Daewoo	149, 159
Daewoo TV/VCR	148
Daytron	119
Elektra	121
Emerson	103, 104, 123, 124, 131, 136, 145
Emerson TV/VCR	158
Fisher	109, 118
Funai TV/VCR	154
General Electric	106, 107, 114, 116, 117, 161
Goldstar	103, 104, 119, 147
Goldstar TV/VCR	153
Hitachi	102, 103, 129, 163
Inteq	101, 149
J.C. Penney	104, 110, 114, 117, 119
JVC	125, 132, 164
KMC	103
KTV	103, 104, 138
Kurazai	121
Lodgenet	121
Logik	121
LXI	133, 137
Magnavox	103, 112, 113, 117, 119, 127, 128, 139, 165
Magnavox TV/VCR	173
Majestic	121
Marantz	104, 120, 155
Megatron	146
Memorex	121
MGA/ Mitsubishi	104, 119, 120, 130, 140, 155
Montgomery Ward	103, 104, 105, 113, 114, 119, 121, 130, 133
NEC	104, 119
Panasonic	106, 107, 160, 166
Panasonic TV/VCR	174
Philco	103, 104, 112, 113, 139
Philips	112, 113
Pioneer	135
Portland	103
ProScan	116, 157, 162, 167
Quasar	106, 107
RCA	104, 116, 126, 157, 161, 162, 167, 168
Realistic	105, 123, 124
Sampo	119
Samsung	103, 119, 134, 141
Sanyo	108, 109, 118
Scott	119, 124
Sears	103, 108, 109, 110, 111, 118, 134
Sharp	103, 105, 122, 133, 137, 156, 169
Signature 2000	103, 104, 105, 113, 114, 119, 121, 130, 133
Sony	115, 143, 151, 170
Soundesign	139
Sylvania	112, 113, 117, 119, 127, 128, 139
Symphonic TV/VCR	154
Tatung	106
Teknika	103, 112, 121, 124, 139
Telerent	103, 121
Toshiba	110, 111, 134, 171
XR1000	121
Yorx	119
Zenith	101, 149
Zenith TV/VCR	153, 154, 172

VCRS

Brand	Code
Admiral	208, 261
Adventura	231
Aiwa	231
Akai	223, 238, 241
Audio Dynamics	202, 218
Bell & Howell	206, 247
Broksonic	221, 226, 250, 255
Canon	214
Citizen	209
Craig	212
Curtis Mathes	214, 259
Daewoo	244, 246, 248, 254
Daytron	236, 246
DBX	202, 218
Emerson	203, 221, 223, 226, 233, 235, 243, 250
Fisher	211, 212, 213, 247
Funai	231
General Electric	214, 216, 220
Goldstar	209
Go Video	256, 262, 263
Hitachi	215, 257
Instant Replay	214, 227
Inteq	201
J.C. Penney	214, 215, 218, 227
JVC	202, 225, 258
Kenwood	202
Logik	239
LXI	209, 231
Magnavox	207, 214, 231
Marantz	207, 218
Marta	209
Memorex	206, 212, 214, 231
Mitsubishi	204, 222, 252
Montgomery Ward	208, 214, 216, 219, 231, 249
Multi Tech	239
NEC	202, 218
Orion	250
Panasonic	214, 251, 259
Pentax	215
Philco	207, 214
Philips	207, 214, 227
Pioneer	210, 215
Portland	246
Pro Scan	216, 260
Quasar	214, 259
RCA	215, 216, 220, 227, 240, 242, 260
Realistic	206, 208, 212, 214, 231
Samsung	220, 230
Sansui	239
Sanyo	206, 212, 247
Scott	204, 205, 233, 243
Sears	206, 209, 211, 212, 215
Sharp	208, 261
Shintom	239
Signature 2000	208, 214, 216, 219, 231, 249
Sony	217, 232, 237
Sylvania	207, 214, 227
Symphonic	231
Tashiko	209
Tatung	202
Teac	202, 231
Teknika	234
Toshiba	205, 215
XR1000	239
Vector Research	204, 218
Yamaha	202, 218
Zenith	201, 224, 225, 229, 237

CABLE/SATELLITE

Brand	Code
Allegro	358, 362
Allegro A/B Switch	361
Gemini	305, 331, 338
General Electric	367
General Instrument	305, 306
Hamlin	302, 303, 345, 365, 366
Jerrold	304, 307, 308, 309, 310, 318, 360, 363
Kale Vision	335
Macom	314, 321
Magnavox	334
NSC	335, 339, 368, 369, 370
Oak	311, 332, 342
Panasonic	313, 320
Paragon	333
Philips	347, 350, 352, 354, 355
Pioneer	315, 343
RCA DSS	373
Regency	329
Samsung	335
Scientific Atlanta	316, 323, 336, 364
Sprucer	313
Standard Comp	335
Texscan	339, 356, 371
Tocom	317, 318, 346
Unika	348, 362
United Satellite	344
Universal	358, 362
Vid Tech	340
Video Way	349
Viewstar	354, 355, 372
Zenith	301, 353
Zenith Satellite	312, 328, 330, 351

VIDEO DISC PLAYERS

Brand	Code
Pioneer	402, 403
Sanyo	401
Sony	404
Zenith	401

DIGITAL VIDEO DISC

Brand	Code
Inteq	TBD

AUDIO CD PLAYERS

Brand	Code
Akai	409, 424
Crown	410
Denon	411
Fisher	412, 438
Goldstar	460
Harman/Kardon	413
JVC	415
Kenwood	412, 416, 417, 441
Magnavox	421, 422, 433, 434
Mitsubishi	423, 424
NAD	425, 426, 447
Nakamichi	427, 428
NEC	429
Onkyo	430
Panasonic	431, 432
Philips	421, 433, 434
Pioneer	431, 435
Quasar	432
Radio Shack	431, 436, 439, 440, 441
RCA	437
Sanyo	438, 439
Scott	440
Sharp	441, 442
Sony	443, 444, 445
Soundesign	461, 498, 501, 502
Teac	446
Technics	432, 459
Toshiba	447
Yamaha	448
Zenith	460, 461, 498, 501, 502

AUDIO TAPE DECKS

Brand	Code
Denon	455
Harman/ Kardon	456
JVC	457
Kenwood	450
Onkyo	458
Philips DCC	454
Pioneer	451, 478
Sony	452
Technics	454, 497
Yamaha	453

AUDIO TUNERS AND AMPLIFIERS

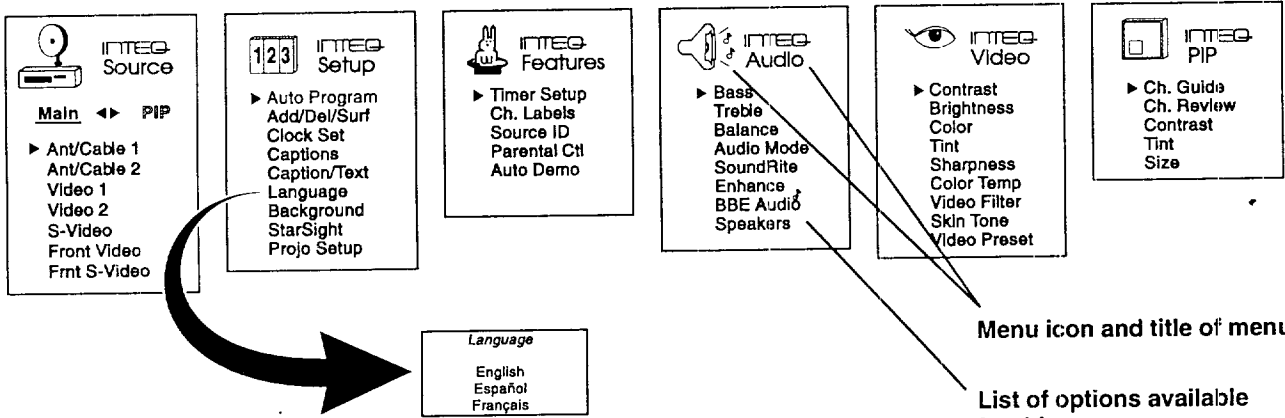| Brand	Code
Denon	462, 463
Fisher	464
Goldstar	460
Harman/ Kardon	465
JVC	466
Kenwood	468, 469
Marantz	472, 503
Onkyo	473
Philips	475, 476
Pioneer	477, 478, 479
Radio Shack	487, 488
Realistic	480
Sanyo	481
Scott	482
Sharp	483
Sherwood	487, 488
Sony	489, 490, 491, 492
Soundesign	461, 498, 501, 502
Teac	494, 495
Technics	497
Yamaha	496
Zenith	460, 461, 498, 501, 502

Ref:
124-205-012
µP 221-879-04
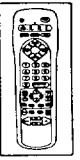
QUICK REFERENCE TO ON-SCREEN MENUS WITH MBR REMOTE

Your TV is **menu** operated; in other words, features and adjustments of the TV are all operated from a list of options that appear on the TV screen. When you select a feature from the list, an adjustment window (or sub-menu) appears so that the adjustment may be completed. And all of these adjustments can be accomplished from the comfort of your favorite chair by using the MBR remote control.

To view the on-screen menus using the MBR remote control, first press TV to make sure the remote is in TV mode. Then press **MENU** repeatedly to sequence through the available menus.
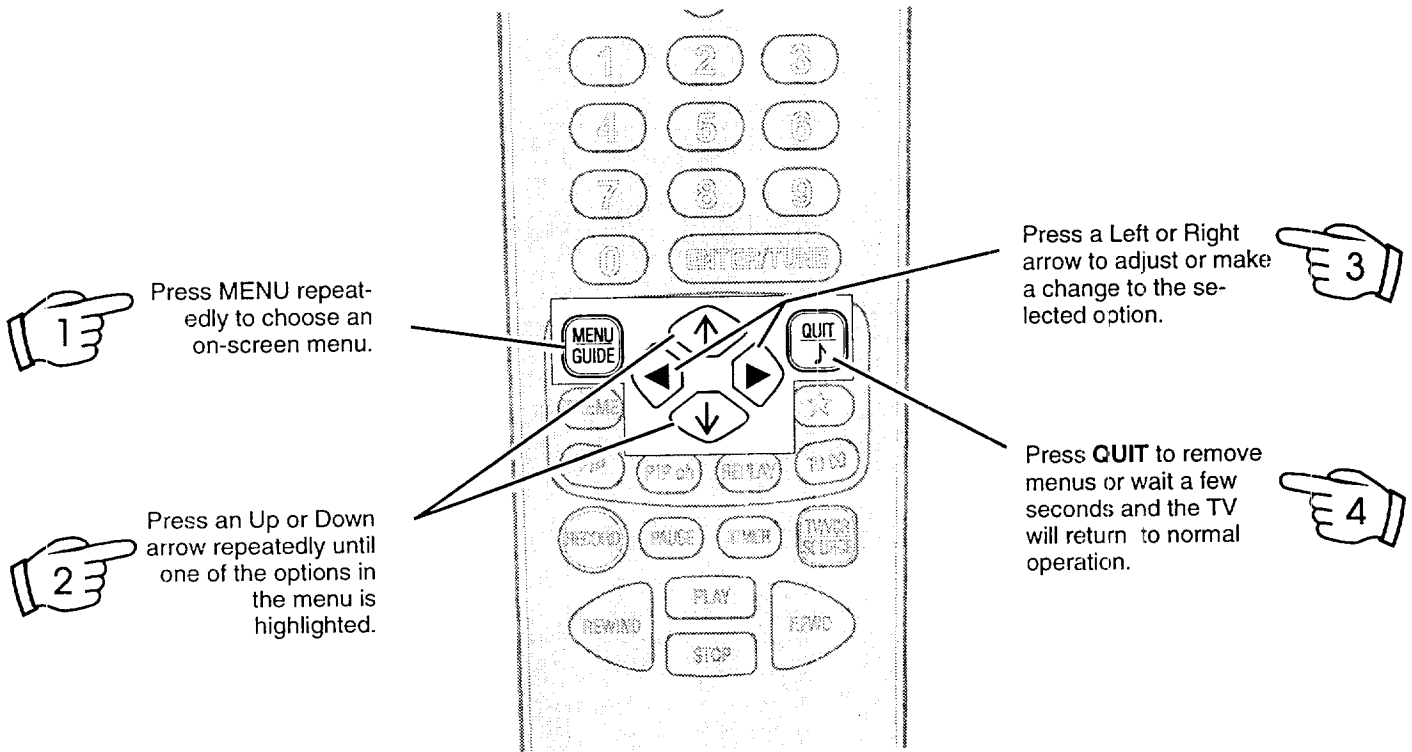

ɪⴖᴛᴇᴏ Source	ɪⴖᴛᴇᴏ Setup	ɪⴖᴛᴇᴏ Features	ɪⴖᴛᴇᴏ Audio	ɪⴖᴛᴇᴏ Video	ɪⴖᴛᴇᴏ PIP
Main ◄► PIP ▶ Ant/Cable 1 Ant/Cable 2 Video 1 Video 2 S-Video Front Video Frnt S-Video	▶ Auto Program Add/Del/Surf Clock Set Captions Caption/Text Language Background StarSight Projo Setup	▶ Timer Setup Ch. Labels Source ID Parental Ctl Auto Demo	▶ Bass Treble Balance Audio Mode SoundRite Enhance BBE Audio Speakers	▶ Contrast Brightness Color Tint Sharpness Color Temp Video Filter Skin Tone Video Preset	▶ Ch. Guide Ch. Review Contrast Tint Size

Language

English
Español
Français

Adjustment window (sub-menu) appears for most menu options after they are selected.

Menu icon and title of menu.

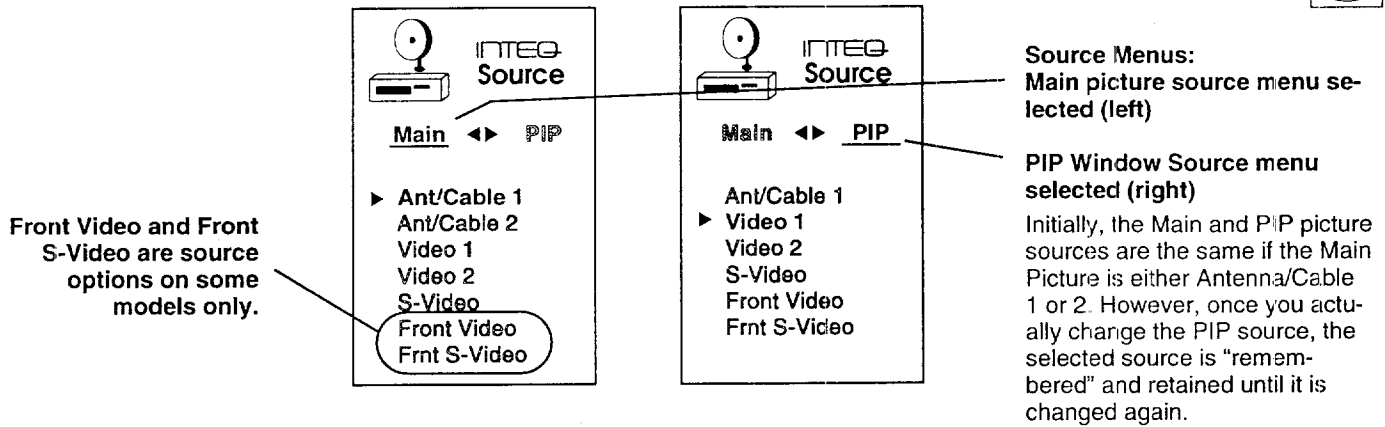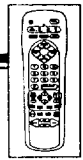**List of options available for this menu.**

BASIC MENU OPERATION

Operating the on-screen menus is a simple 4-step process. Some operations may involve one or two extra steps, such as entering numbers for setting the time. But for the most part, operating the menus goes like this:

Press MENU repeatedly to choose an on-screen menu.

Press an Up or Down arrow repeatedly until one of the options in the menu is highlighted.

Press a Left or Right arrow to adjust or make a change to the selected option.

Press **QUIT** to remove menus or wait a few seconds and the TV will return to normal operation.

Typical Remote Control

Source Menus:
Main picture source menu selected (left)

PIP Window Source menu selected (right)

Initially, the Main and PIP picture sources are the same if the Main Picture is either Antenna/Cable 1 or 2. However, once you actually change the PIP source, the selected source is "remembered" and retained until it is changed again.

Front Video and Front S-Video are source options on some models only.

MENU OPERATION

Press SOURCE for direct entry to the **Inteq Source** menu, or press MENU repeatedly until the Source Menu is selected.

Press SOURCE repeatedly, or use an Up/Down arrow key until the desired Source is selected.

Use a Left/Right arrow key to select either <u>Main</u> picture source menu or <u>PIP</u> picture source menu.

Press QUIT to exit from menu operations or wait a few seconds for the TV to return to normal operation.

SOURCE SELECTION

The term "Source" refers to the equipment and antenna wires connected to the jacks on the TV's connection panel on the back of the TV. To place the picture and sound being received by these jacks (or Source) on the TV screen, you "select" the appropriate "source" – Antenna/Cable 1, Video 1, etc. – using the Source menu shown above.

Ant/Cable 1 or 2	Routes the antenna or cable-TV source to the TV for viewing. You see program material from the source equipment that is connected to the corresponding ANT/CABLE 1 or 2 jack. (If the signal is from a VCR or a cable box, tune the TV to either channel 3 or 4.)
Video 1 or 2	Routes the audio and video from an A/V source (such as a VCR or a video disc player) to the TV for viewing. You see program material from the source equipment that is connected to the corresponding VIDEO 1 or 2 IN jacks.
S-Video	Routes the audio and video from an auxiliary Super-VHS video source (such as a VCR or a video disc player) to the TV for viewing. You see program material from the source equipment that is connected to the corresponding S-VIDEO IN jacks.
Front Video or Frnt S-Video	Routes the audio and video from an auxiliary A/V or Super-VHS video source (such as a VCR or a video disc player) to the TV for viewing. You see program material from the source equipment that is connected to the corresponding FRONT VIDEO or FRNT S-VIDEO IN jacks.

Note: Refer to the "Connecting Your TV" chapter to make the proper equipment connections to the TV. For information about PIP sources, refer to the "PIP Operation" section.
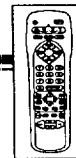
```
┌─────────────────┐
│ ┌─┬─┬─┐         │
│ │1│2│3│ ITTEG   │
│ └─┴─┴─┘ Setup   │
│                 │
│ ► Auto Program  │
│   Add/Del/Surf  │
│   Clock Set     │
│   Captions      │
│   Caption/Text  │
│   Language      │
│   Background    │
│   StarSight     │
│   Projo Setup   │
└─────────────────┘
```

```
┌─────────────────┐
│ ┌─┬─┬─┐         │
│ │1│2│3│ ITTEG   │
│ └─┴─┴─┘ Setup   │
│                 │
│ ► Clock Set     │
│   Captions      │
│   Caption/Text  │
│   Language      │
│   Background    │
│   Projo Setup   │
│                 │
│                 │
└─────────────────┘
```

**Setup Menu While
Video or Super-Video
Source is Chosen**

MENU OPERATION

Press MENU repeatedly until the **Inteq Setup** menu appears.

Press the Left/Right buttons repeatedly to complete the adjustment.
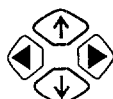
Press an Up or Down button to select an option.

Press MENU to return to the main **Setup** menu and select another option or press QUIT to exit from menu operations.

Auto Program	Finds all active channels and stores them in the TV's memory for use when a CHANNEL up/down button is pressed. See the "What You Should Do First" chapter for more details.
(Channel) Add/Del/Surf	Edit the channels found by Auto Program to create your own personal list of channels using the Channel Add or Delete feature. You may want to add (or delete) a weak-signal channel to the channel scan. Also, create your own "Surf" Channel Scan to scan your most frequently tuned, favorite channels when using Chan Up/Down. See the information following this chart for more details.
Clock Set	Use to set the clock in the TV. The time may be set manually or automatically. See the "What You Should Do First" chapter for more details.
Captions	Use to turn on-screen Caption/Text On or Off. Options are: On, Off or Captions When Muted.
Caption/Text	Select from different "types" of Closed Captions or informational text. Closed captioning or informational text appears on the TV screen when available on the selected channel. Options are: Caption 1, Caption 2, Caption 3, Caption 4, Text 1, Text 2, Text 3, or Text 4. See the information following this chart for more details.
Language	Selects the language for the on-screen menus. Options are: English, Spanish or French.
Background	Adds or removes a background behind the on-screen menus.
StarSight	Begins the StarSight Setup procedure. Refer to the StarSight operating guide for details. Before you activate the StarSight feature, review the StarSight instruction guide for the information you will need to complete the StarSight activation process.
Projo Setup (Projection TVs only)	Lets you verify and adjust, if needed, the color convergence of the TV picture. If you move your TV from its original location, or if after time, you notice color "fringes" around objects in the picture, you should check the alignment (convergence) of the projected colors. See the "What You Should Do First" chapter for more details.

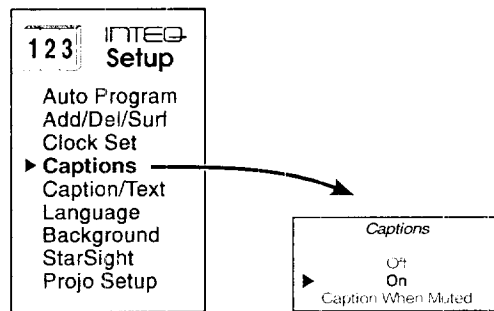## USING (CHANNEL) ADD/DEL/SURF

To Add or Delete Channels:	To Setup Surf Channels:

"Added" channels are tuned when using the CHANNEL Up and Down arrow keys. All channels found by Auto Program are initially set as "Added" channels.

"Deleted" channels are blocked from tuning when using the CHANNEL Up and Down keys. However, they may be tuned directly by using the number keys on the remote control.

1. Use the Up or Down arrows to choose **Add/Del/Surf** and press a Left/Right arrow to view the Add/Delete/Surf screen
2. Use the number keys to select a channel.
3. Use the Left/Right arrows to show "Added" or "Deleted."
4. Press QUIT to remove the menu.

"Surf" channels act as a list of favorite channels, intended for your most frequently watched channels. When "SURF" is activated, **these are the only channels that are tuned while using the CHANNEL Up/Down keys.**

1. Use the Up or Down arrows to choose **Add/Del/Surf** and press a Left/Right arrow to view the Add/Delete/Surf screen
2. Use the number keys to select a channel.
3. Use the Left/Right arrows to show "Surf."
4. Repeat steps 2 and 3 for your most frequently watched channels.
5. Press QUIT to remove the menu.

To activate "SURF" mode, press the SURF key on the remote control.

| Surf's Up! -♣- | appears on the screen.

To deactivate "SURF," press SURF again.

| No Surfing ⊗ | appears on the screen.

Available Channels   Selector Highlight

2 ♯		4♯	5		Live view of selected channel
7		9			Added Channel (Bold)
			15		
			25♯		Surf Channel (Bold & Surf Icon)
			35		
36♯	37	38	40	Ch 2	Channel
				CBS	
47	48		50	Added	Status
52♯					
		59	60		Instructions
		63		Press [TIMER]	Deleted Channel (Shaded)

Use Down button to move selector to additional numbers if present.

Notes: Add/Del/Surf can only be used with ANT/CABLE 1 or 2 Source.

TURNING CAPTIONS ON AND OFF

Provides, to the hearing-impaired, words (Captions) on-screen of the audio portion of the broadcast. If a program has captions included, the CC or captions notice will appear for 2 or 3 seconds before the broadcast begins.

To Turn Closed Captions On and Off:

1. Press **MENU** repeatedly until the **INTEQ Setup** menu appears, then press an Up or Down arrow to select Captions.
2. Press a Left/Right arrow button to see the adjustment window.
3. Continue pressing the Left/Right arrow button to select Off, On or Captions When Muted.
4. Press QUIT to remove the menu.

To Turn Closed Captions On and Off with TO DO button:

1. Press **TV**, then press **TO DO** on remote.
2. Press **TO DO** repeatedly to cycle through the options: Off, On or Captions When Muted.

```
 123   INTEQ
        Setup

Auto Program
Add/Del/Surf
Clock Set
► Captions
Caption/Text
Language
Background
StarSight
Projo Setup
```

```
        Captions

         Off
     ►   On
    Caption When Muted
```

Notes:

❏ After Captions are turned On, proceed to "Choosing Captions/Text."

❏ If you select Captions When Muted, Closed Captions will appear when the Audio is Muted.

CHOOSING CAPTIONS OR TEXT OPTIONS

To select the type of Caption/Text:

1. Press MENU repeatedly on your remote until the **Inteq Setup** menu is displayed.
2. Use the Up/Down buttons to highlight **Caption/Text** then press a Left/Right arrow button to see the adjustment window.
3. Continue pressing a Left/Right arrow key to cycle through the choices: Caption 1, Caption 2, Caption 3, Caption 4, Text 1, Text 2, Text 3, or Text 4.
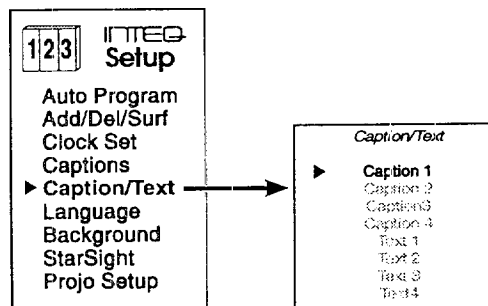
Note:

❒ At present, very few TV programs or video tapes offer text captioning for any option other than **CAPTION 1**. Therefore, **CAPTION 1** is the only recommended choice, unless you know that a specific program is providing captioning using one of the other selections.

LANGUAGE

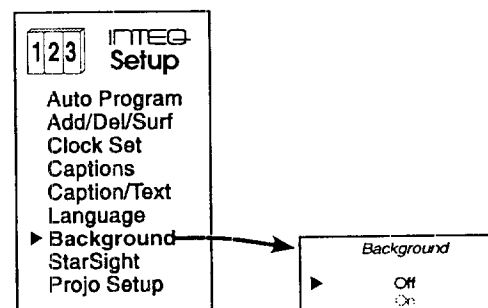| To select the Language for the on-screen menus: |
|---|

1. Press MENU repeatedly on your remote until the **Inteq Setup** menu is displayed.
2. Use an Up/Down arrow button to highlight **Language** then press a Left/Right arrow button to see the adjustment window.
3. Use a Left/Right arrow button to choose English, Español or Français. (English, Spanish or French)
4. Press QUIT to remove the menu.
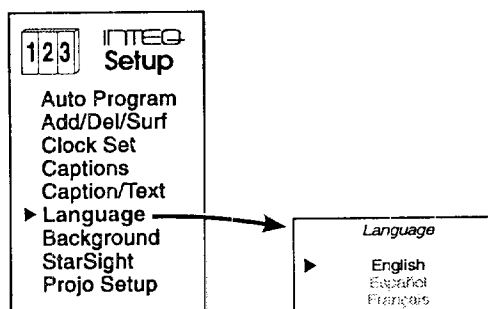
BACKGROUND

To turn the on-screen menus background On or Off:

1. Press MENU repeatedly on your remote until the **Inteq Setup** menu is displayed.
2. Use an Up/Down arrow button to highlight **Background** then press a Left/ Right arrow button to view the adjustment window.
3. Use a Left/Right arrow key to select On or Off.
4. Press QUIT to remove the menu.

STARSIGHT

To begin the StarSight subscription procedure:

1. Press MENU repeatedly on your remote until the the Inteq Setup menu is displayed.
2. Use an Up/Down arrow button to highlight **StarSight**.
3. Use a Left/Right arrow button to begin the StarSight Setup procedure, then follow the on-screen instructions.

Note: Another method to begin the StarSight activation procedure is to simply point the remote at the TV and press the "STAR" or the THEME button.
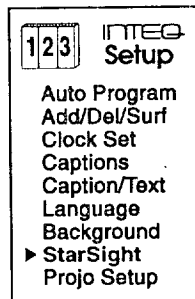
```
        ᴶᵁ   ᴵᶰᵀᴱᴼ
       ₍ᵤ₎ᴸ  Features

    ► Timer Setup
       Ch. Labels
       Source ID
       Parental Ctl
       Auto Demo
```
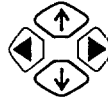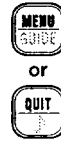
MENU OPERATION

[1] **[MENU]** Press MENU repeatedly until the **Inteq Features** menu is shown.

[3] ⬆⬅➡⬇ Press the Left/Right buttons repeatedly to complete the adjustment.

[2] ⬆⬅➡⬇ Press the Up/Down buttons to select an option.
Press Left/Right buttons to view the option's adjustment window.

[4] **[MENU]** or **[QUIT]** Press MENU to return to the main Features menu and select another option or press QUIT to exit from menu operations.

Timer Setup	Sets the TV's Sleep Timer and **On/Off Timer** features. See the information following this chart for more details.
Ch (Channel) Labels	Assigns a network/station label, name or call letters to specified channels. For example, if you choose the label "ABC" for channel 7, then "ABC" will appear in the Channel/Time display whenever channel 7 is selected. See information following this chart for more details. (Ch. Labels can only be used with ANT/CABLE 1 or 2 Source.)
Source ID	Assigns a descriptive "name" to the input sources. For example, the Video 1 source may be named VCR. "VCR" will now appear in the Source Menu as a reminder that your VCR is connected to the Video 1 input jacks.
Parental Ctl (Control)	Use this feature to block viewing of any undesirable channels or the entire video signal. See the information following this chart for more details.
Auto Demo	Use to view a demonstration of the on-screen menus and features available on this TV. See "THE FIRST TIME YOU OPERATE YOUR TV" chapter for more details.

TIMER SETUP: Sleep Timer

Do you have a habit of falling asleep in front of the TV? The **Sleep Timer** feature will take care of that: Your TV can be programmed to automatically turn itself OFF after a period of 15 minutes, or up to 4 hours.

| To Set Sleep Timer From The Setup Menu: |
|---|
| 1. Make sure the time on the TV's clock is set. |
| 2. Use an Up/Down arrow button to highlight **Timer Setup** then press a Left/Right arrow button view the **Inteq Timer** menu. |
| 3. With **Sleep Timer** highlighted, press a Left/Right arrow button to view the adjust window. |
| 4. Continue pressing the Left/Right arrow button to set the period of time the TV will remain on. |

```
       ⏳  ᴵᶰᵀᴱᴼ
      ₍▦₎  Timer

    ► Sleep Timer ─┐
       On Time      │
       Off Time     └─►  ⌇(⌇  Sleep Timer
       On/Off Timer              0:15
```

Sleep Timer Set to Turn TV OFF in 15 Minutes
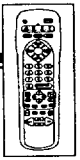
To Set Sleep Timer By Direct Access:

1. With no menus showing on the TV, press TIMER on your remote to directly access the Sleep Timer.
2. Press TIMER repeatedly to set the period of time the TV will remain on.

One minute before the TV turns off, the GOOD NIGHT display appears on the screen. At this time you have a choice of the following two actions:

a. Do nothing. The GOOD NIGHT display remains on the screen. The TV will turn off in one minute.
b. Delay the turn-off by resetting the timer with a new time period.

:☾: Good Night 0:58
:☾: 58 Seconds

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

Notes:

❏ To cancel the Sleep Timer, turn off the TV or press TIMER repeatedly until OFF is selected.

❏ As the Good Night display counts down the final 60 seconds, the audio and video of the TV also "dim" for a soft, discreet turn-off.

TIMER SETUP: On/Off Timer

Picture this: It's very early in the morning – maybe the sun is not even up so the room is dark – and you can't find the remote control to turn the TV on to see what the weather is expected to be like for the day. The solution is simple: Make the TV turn itself on by using the **On/Off Timer.**

To Set Set On/Off Timer:

1. Make sure the TV's clock is set.
2. Use an Up/Down arrow button to highlight **Timer Setup** then press a Left/Right arrow button to view the **Inteq Timer** menu.
3. Use the Up/Down arrow button to highlight **On Time** then press a Left/Right arrow button to view the adjust window.
4. Use the numbered buttons on your remote to enter a time for the TV to turn itself ON, then press TIMER on the remote to select AM or PM. (You can also use a Left/Right arrow button to advance the time.)
5. Press MENU to return to the previous (**Inteq Timer**) menu, use the Up/Down buttons to highlight **Off Time**, then press a Left/Right arrow button to view the adjust window.
6. Use the numbered buttons on your remote to enter a time for the TV to turn itself OFF, then press TIMER on the remote to select AM or PM. (Or use the Left/Right arrow button to advance the time.)
7. Press MENU to return to the previous (**Inteq Timer**) menu, use the Up/Down buttons to highlight **On/Off Timer** then press a Left/Right arrow button to view the adjust window

INTEQ
Timer

Sleep Timer
▶ On Time
Off Time
On/Off Timer

On Time
11:00 AM◀TIMER
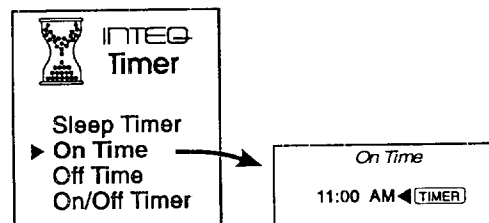
On/Off Timer Set to Turn TV On at 11:00 am

8. Press the Left/Right arrow button repeatedly to turn the timer ON (or OFF).
9. Press QUIT to remove menu.

Note:

❏ Before the On/Off Timer can be turned on, you must specify an Off time.

USING CHANNEL LABELS

To assign preset Labels to channels:
1. Highlight **Ch. Labels** in the **Features** menu and press a Left/Right arrow button to view the list of preset Labels.
2. Select a channel number by using the CHANNEL Up/Down buttons or enter a channel number with the numbered buttons.
3. Use the Left/Right/Up/Down arrow buttons to move the selector to the label you want to assign to the channel. (The illustration shows "WGN" assigned to channel 9.)
4. Repeat steps 2 and 3 for each channel.
5. Press QUIT to remove menu.

To create "custom" channel Labels:
1. Access the Channel Label screen and choose a channel number. (Steps 1 and 2 above.)
2. Use the Left/Right/Up/Down arrow buttons to move the selector to any label other than the " – – – – " or "NONE" options, then press TIMER to view the custom labels screen.
3. Use the Up/Down/Left/Right arrow buttons to select a character, then press ENTER to set the character in place. (Do this for up to 4 characters.)
4. Press TIMER to exit the custom label screen and return to Ch. Labels menu.
5. Press QUIT to remove menu.

Notes:

❑ The four dashes (- - - -) means that no channel label is assigned and the TV may accept the channel label that is transmitted by some television stations. Or, in addition to not assigning a label, **NONE** blocks the labels transmitted by some television stations.

Live view of selected channel.

----	NONE	A&E	ABC	ACTS
ADC	AMC	BCC	BET	BRAV
CA	CBC	CBN	CBS	CMTV
CNBC	CNN	COM	CSPN	CSP2
CTN	CTV	DIS	DISC	E!
ENC	ESPN	ESPN2	ET	EWTN
FAM	FNN	FOX	F&V	FX
GALA	HBO	HN	HSE	HSN
IC	INSP	JCN	LIFE	MAX
ME/U	MMT	MTV	NBC	NICK
NOS	PBS	PLAY	PTL	QVC
RDS	REQ	SC	SCFI	SHOW
SIN	TBS	TBN	TELE	TLC
TMC	TNN	TNT	TRAV	TWC
UPN	TSA	VC	VCR	VH-1
VISN	WB	[WGN]	WTBS	WWOR

Ch 9 WGN

Channel Number
Channel Label

Press [Timer] to edit — Appears after a label is chosen.

Selector Box

List of Preset Labels

- A B C D E F G H I J K L M N O
- P Q R S T U V W X Y Z 0 1 2 3 4
- 5 6 7 8 9 0 - / & # . ! ? * Ñ É

Use Arrows to Select Character
Press ENTER To Add Character
Press TIMER To Return

Enter up to 4 characters for custom labels.

Custom Channel Labels Screen

USING SOURCE ID

| To assign identifying names to your sources: |
|---|
| 1. Highlight **Source ID** in the **Features** Menu and press a Left/Right arrow button to view the Source ID screen. |
| 2. Press the Up/Down arrow button to highlight a Source. |
| 3. Press the Left/Right arrow button repeatedly to choose a label (name) for the chosen Source. |
| 4. Repeat steps 2 and 3 for each source. |
| 5. Press QUIT to remove menu. |
| **Optional names for ANT/CABLE 1 or 2 Sources are:** ----, Disabled, Antenna, Cable, Cable Box, VCR, Satellite, StarSight, Video Game, Laser Disc or DVD. |
| **Optional names for VIDEO and S-Video Sources are:** ----, Disabled, VCR, VCR 1, VCR2, Satellite, Camcorder, Video Game, Laser Disc, DVD, Photo CD or Audio Only. |

Live view of highlighted Source.

Source	Label
Ant/Cable 1	StarSight
Ant/Cable 2	- - -
Video 1	VCR
Video 2	Video Game
S-Video	- - -
Front Video	- - -
Frnt S-Video	- - -

Note:

❑ A "Source" that is disabled will not appear in the Inteq Source Menu.
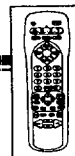
USING PARENTAL CONTROL (PC)

Parental Control allows you to be selective about the channels and video sources that can be watched on your TV. If there are undesirable programs or channels that you do not want viewed by someone in your household, you can use Parental Control to block specific channels or the video input sources.

To set the Parental Control:

☐ Select **Parental Ctl.** then press a Left/Right arrow button to view the Parental Control menu.

1. Select the individual channels to block.
a. Select Block Ch. (channel) and press a Left/Right arrow button to view the Block Channels screen.   b. Press SOURCE on your remote control to select Ant/Cable 1 or 2.   c. Use the Left/Right/Up/Down arrow buttons to move the selector to each channel you want to block and press TIMER to set the channel to "blocked." (A padlock icon appears next to the number.)   d. Press MENU to return to the **Inteq Par. Ctl.** menu.

2. Block the Video and S-Video sources.
a. Select Block Video and press a Left/Right arrow button to view the adjust screen.   b. Press a Left/Right arrow button to select "Blocked." **All Video and S-Video sources will be blocked while PC is active.**   c. Press MENU to return to the **Inteq Par. Ctl.** menu.

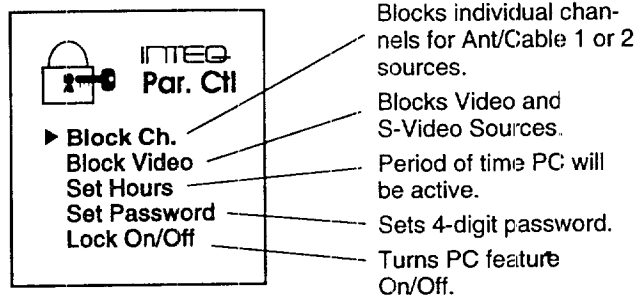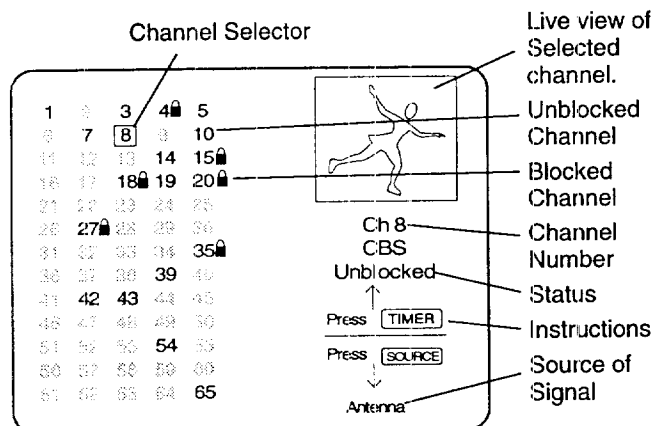| 3. Set the number of hours PC will remain active once it is turned on. |
| --- |
| a. Select Set Hours and press a Left/Right arrow button to view the adjust screen.
 b. Press a Left/Right arrow button to advance the number to the number of hours you want PC to remain active. (The maximum is 99 hours.)
 c. Press MENU to return to the **Inteq Par. Ctl.** menu. |

4. Set a 4-digit password.
a. Select Set Password and press a Left/Right arrow button to view the adjust screen.   b. Use the number buttons to enter a 4-digit password. (You will be prompted to verify the number by entering a second time.)   c. Press MENU to return to the **Inteq Par. Ctl.** menu.

5. Turn Parental Control ON.
a. Select Lock On/Off and press a Left/Right arrow button to view the adjust screen.   b. Press a Left/Right arrow button to select On.   c. Press QUIT to exit the PC operations.

INTEQ
Par. Ctl

▶ Block Ch. — Blocks individual channels for Ant/Cable 1 or 2 sources.
Block Video — Blocks Video and S-Video Sources.
Set Hours — Period of time PC will be active.
Set Password — Sets 4-digit password.
Lock On/Off — Turns PC feature On/Off.

Inteq Parental Control Menu

Channel Selector
Live view of Selected channel.
Unblocked Channel
Blocked Channel

1　3　4█ 5
7　[8]　10
14　15█
18█ 19 20█
27█　35█
39
42 43
54
65

Ch 8 — Channel Number
CBS
Unblocked — Status
↑
Press [TIMER] — Instructions
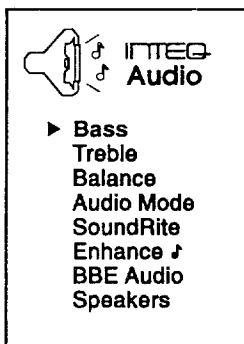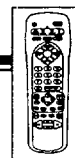Press [SOURCE] — Source of Signal
↓
Antenna

Block Channel Screen

Note:

☐ REMEMBER YOUR PASSWORD! The password is the only way you can return to the PC operations to make changes or to deactivate it. If you have forgotten the password, simply wait for the specified time to elapse.

♪ ⅠⅡⅢΕＱ
♪ **Audio**

► **Bass**
  Treble
  Balance
  Audio Mode
  SoundRite
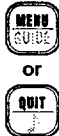 Enhance ♪
  BBE Audio
  Speakers

All adjustments on the Audio Menu are optional. IYou do not have to adjust these features in order to use your TV.

MENU OPERATION

Press MENU repeatedly until the **Inteq Audio** menu is shown.

Press Up/Down keys to select an option.
Press Left/Right keys to view the option's adjustment window.

Press the Left/Right keys repeatedly to complete the adjustment. •

Press MENU to return to the main **Audio** menu and select another option or press QUIT to exit from menu operations.

Bass	Increases and decreases the level of low-frequency sound.
Treble	Increases and decreases the level of high-frequency sound.
Balance	Adjusts the balance of sound between the TV's speakers.
Audio Mode (SAP is not an option for the Video or S-Video sources. Audio signals into a video source are assumed to be monaural or stereo.)	Allows you to select STEREO, MONO or 2ND AUDIO/SAP operation. **Stereo:** Directs the sound to the Left and Right speakers as supplied by the program. Stereo is the recommend choice: The TV switches automatically between the STEREO and MONO modes depending on the type of signal being received. **Mono:** Directs the same sound to both Left and Right speakers, even if the program being received is in stereo. **2nd Audio/ SAP:** Directs the sound for the Second Audio Program to both the Left and Right speakers. SAP sound is always monaural. If SAP is selected, you hear the SAP – usually a second language. When the SAP broadcast ends, the TV switches automatically (defaults) to the type of signal being received, STEREO or MONO. The TV switches back to 2ND AUDIO/SAP when the SAP broadcast resumes.
SoundRite	Turn this feature ON to maintain the television's volume at a constant level. In other words, commercials and audio from the auxiliary input source will no longer appear to sound louder than the volume level you have set. (Note that this feature is automatically deactivated if any of the Dolby Enhancements are selected for use.)
Enhancement (Dolby Pro Logic audio systems only)	Provides options for enhancing the TV's audio. Your options are Off, Concert Hall, Theater, Night Club, Stadium, Pseudo Stereo, Pro Logic Phantom, Dolby 3 Stereo, and Dolby Pro Logic Normal. See the information following this chart for more details.
BBE Audio	Use this to compensate for phase and amplitude distortions for a more faithful reproduction of original sound. Select Level 1 (good), Level 2 (better), or set BBE Audio to OFF, according to your personal listening preference.
Speakers	Use to turn TV's internal speakers OFF and ON.

SELECTING AUDIO ENHANCEMENTS

Your Inteq entertainment machine is engineered with many audio adjustments which can be set for your individual listening taste. However, Inteq has included several pre-set enhancement "effects" which may be used to emulate different viewing environments. These enhancements are Concert Hall, Theater, Night Club, Stadium and Pseudo Stereo. Select the enhancement that sounds best to you.

Instead of selecting an audio "effect," you can enhance the stereo sound from your TV. Select either Dolby Pro Logic Phantom, Dolby 3 Stereo or Dolby Pro Logic Normal. Refer to the following procedures to balance the level of sound being heard from the speakers:

SPEAKER BALANCE

**When Dolby 3 Stereo Enhancement is selected, balance the speaker sound like this:**

1. Select **Stereo** as the Audio option.
2. Select **Dolby 3 Stereo** as the Enhancement then press MENU to return to the main Audio menu.
3. Adjust Bass and Treble to your preference
4. Select Balance and press the Left/Right arrow key to view the speaker balance screen.
5. Press the Up/Down keys to select a speaker to adjust. The text highlight and an audible "hissing" "bounces" between the speaker and the **Center Reference**.
6. Press the Left/Right keys to set the volume of the "hissing" – for the selected speaker – to about the same level as the "hissing" of the **Center Reference**. Do this for each speaker.

When Pro Logic _Normal_ or _Phantom_ Enhancement is selected, balance the speaker sound like this:

1. Turn on the external amplifier and set its volume to approximately the same volume as the TV. (This step is for Pro Logic Normal enhancement only.)
2. Select **Pro Logic Normal** (or **Phantom**) as the Enhancement then press MENU to return to the Audio menu.
3. Adjust the Bass and Treble to your preference.
4. Select Balance and press the Left/Right arrow key to view the Pro Logic speaker balance screen.
5. Press the Up/Down keys to select a speaker to adjust. The text highlight and an audible "hissing" sound will "bounce" between the selected speaker and the **Center Reference**.
6. Press the Left/Right keys until the volume of the "hissing" – for the selected speaker – is about the same level as the "hissing" of the **Center Reference**. Do this for each speaker.

Notes:

❑ To fully appreciate the quality of sound provided by your Inteq entertainment machine and the Dolby Pro Logic audio system, make sure an external amplifier is connected to the TV and the speakers are balanced as described above.

❑ Optional Surround speakers must be connected for you to hear Surround Sound.
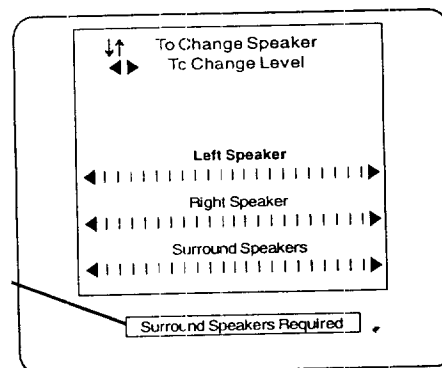
Message appears when adjusting Surround Sound.

BASIC SPEAKER BALANCE
Use Up/Down arrow keys to select a speaker.
Use Left/Right arrow keys to adjust the level of sound.

Text highlight "bounces" between selected speaker and Center Reference.

DOLBY 3 STEREO SPEAKER BALANCE
Use Up/Down arrow keys to select a speaker.
Use Left/Right arrow keys to adjust the level of sound.

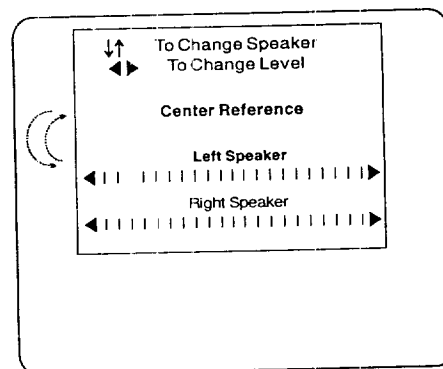Text highlight "bounces" between selected speaker and Center Reference.

Message appears when adjusting Surround Sound.

PRO LOGIC BALANCE
Use Up/Down arrow keys to select a speaker.
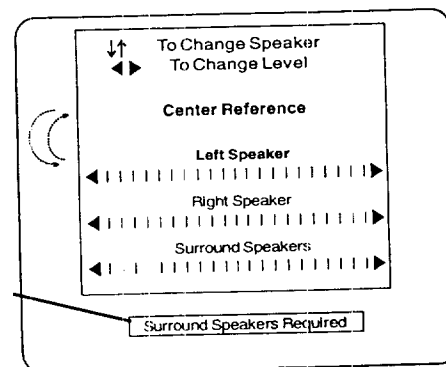Use Left/Right arrow keys to adjust the level of sound.

```
        👁  ITTEG
            Video

   ▶ Contrast
     Brightness
     Color
     Tint
     Sharpness
     Color Temp
     Video Filter
     Skin Tone
     Video Preset
```
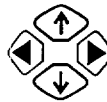
All adjustments on the Video Menu are optional. You do not have to adjust these features in order to use your TV.

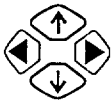## MENU OPERATION

1 [MENU] Press MENU repeatedly until the **Inteq Video** menu is shown.

2 Press Up/Down keys to select an option.
Press Left/Right keys to view the option's adjustment window.

3 Press the Left/Right keys repeatedly to complete the adjustment.

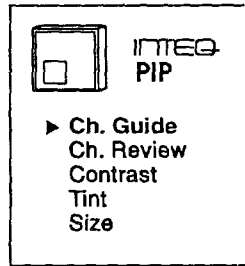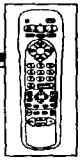**4** [MENU] or [QUIT] Press MENU to return to the main **Video** menu and select another option or press QUIT to exit from menu operations.

Contrast	Adjusts the picture's overall contrast and color level.
Brightness	Adjusts the picture's brightness level of black areas in the picture.
Color	Adjusts the picture's color intensity.
Tint	Adjusts the flesh tones to more Green or more Red.
Sharpness	Adjusts the object edge definition for best picture quality.
Color Temp (Temperature)	Adjusts the "color temperature" or picture white balance between cooler whites and warmer reds.
Video Filter	Reduces video "noise" or interference in dark picture areas resulting in clearer overall pictures.
Skin Tone	Maintains natural skin tones under changing scene and video source conditions.
Video Preset	Adjusts the picture to different viewing conditions. Options are:
	Custom.............. Saves personal preference changes made to the Video Menu and stores them as your Custom settings.
	Preset................ Restores the factory Video Menu settings.
	Movie .... Provides clear, cinema-like effects by optimizing the video adjustments for use in a home theater setting with dim lighting.
	Video................ Reduces bright video game color intensities and graphics for prolonged Game close-range viewing conditions.
	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 video tapes.

```
┌─────────────────────┐
│ ┌──┐      ımrɛɒ      │
│ │  │       PIP       │
│ │□ │                 │
│ └──┘                 │
│  ► Ch. Guide         │
│    Ch. Review        │
│    Contrast          │
│    Tint              │
│    Size              │
└─────────────────────┘
```
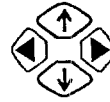
Selecting the PIP Menu does not "activate" PIP. However, a PIP window will appear during menu operations to show the effect of any setting changes. Press PIP to access PIP feature.

MENU OPERATION

Press MENU repeatedly until the Inteq PIP menu is shown.

Press Up/Down keys to select an option.
Press Left/Right keys to view the option's adjustment window.

Press the Left/Right keys repeatedly to complete the adjustment.

Press MENU to return to the main PIP menu and select another option or press QUIT to exit from menu operations.

Ch. Guide	Provides a visual review – in a column of four PIP windows – of all channels in the channel scan memory for the currently selected ANT/CABLE source.
Ch. Review	Provides a visual review – in two PIP windows– of the last two channels you were watching (prior to the channel you are currently watching).
Contrast	Adjusts the overall contrast and color level of the PIP picture.
Tint	Adjusts the flesh tones of the PIP picture to more Green or more Red.
Size	Adjusts the size of the PIP inset. Choose between small, medium or large.

INTRODUCTION

This multi-brand remote control operates the common features of most, but not all, models and brands of IR (infrared) controlled VCRs. Some functions of your particular VCR may not be controlled by this remote. In such cases, use the original remote control for your VCR.

BATTERY INSTALLATION

Batteries are provided, but must installed before using the remote control. 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 +), 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 Inteq VCRs, you may need to use Auto Find to program the VCR code whenever you replace batteries. See following pages for remote programming Auto Find instructions.

Notes:

❑ Do not place heavy objects on top of the remote control 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.

AA Batteries
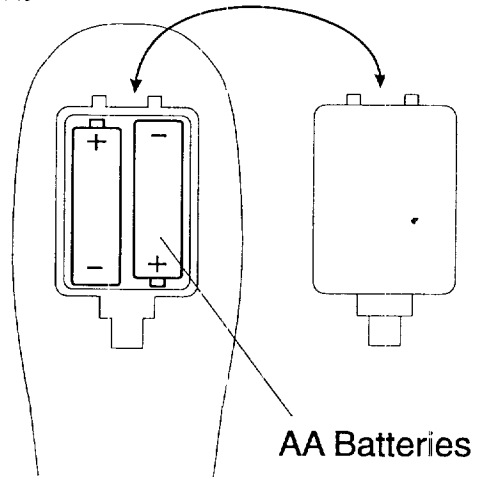
THE MANUFACTURER IS NOT RESPONSIBLE FOR DAMAGE CAUSED BY BATTERY LEAKAGE

CHOOSING OPERATING MODE

To control your TV or VCR with this remote, you must first choose the mode of operation. Press the TV mode key to control the TV or press the VCR mode key to control the VCR.

TV
Press to select TV mode.

VCR
Press to select VCR mode.

Select TV Mode, Point at TV

Select VCR Mode, Point at VCR
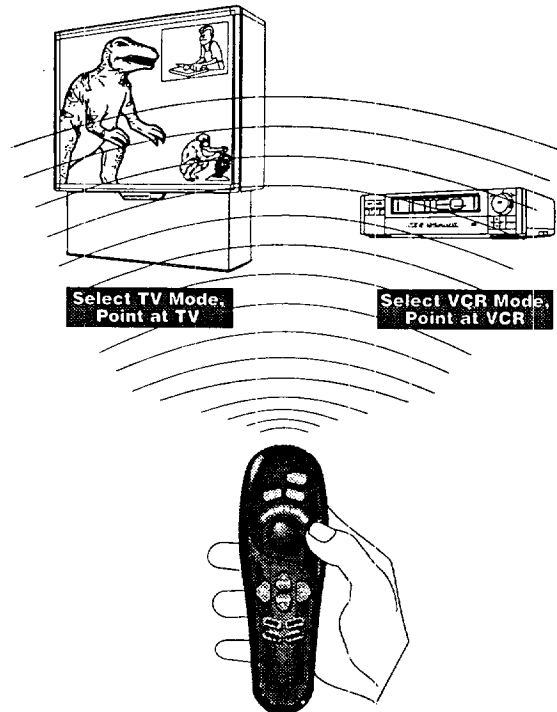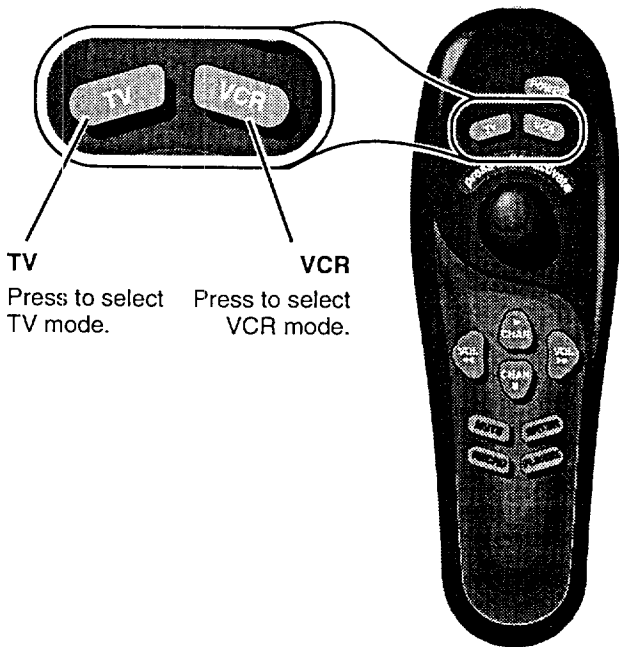
INTRAQ TRACKBALL REMOTE CONTROL

BASIC OPERATIONS

Point remote at TV, press POWER. Press down on trackball to activate on-screen pointer. Rotating trackball will move pointer around screen to access on-screen menus. Click on highlighted menu or option. (See Quick Reference to On-screen Menus section.)

**Point Remote at
TV or VCR**

TV Mode	VCR Mode
POWER	**Power**
TV	**TV**
Selects TV operation mode.	
VOL (Down)	**Rewind**
MUTE	**Pause**
RECRD (Record)	**Record**

TV Mode	VCR Mode
VCR	**VCR**
Selects VCR operation mode.	

Trackball

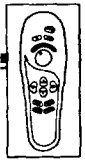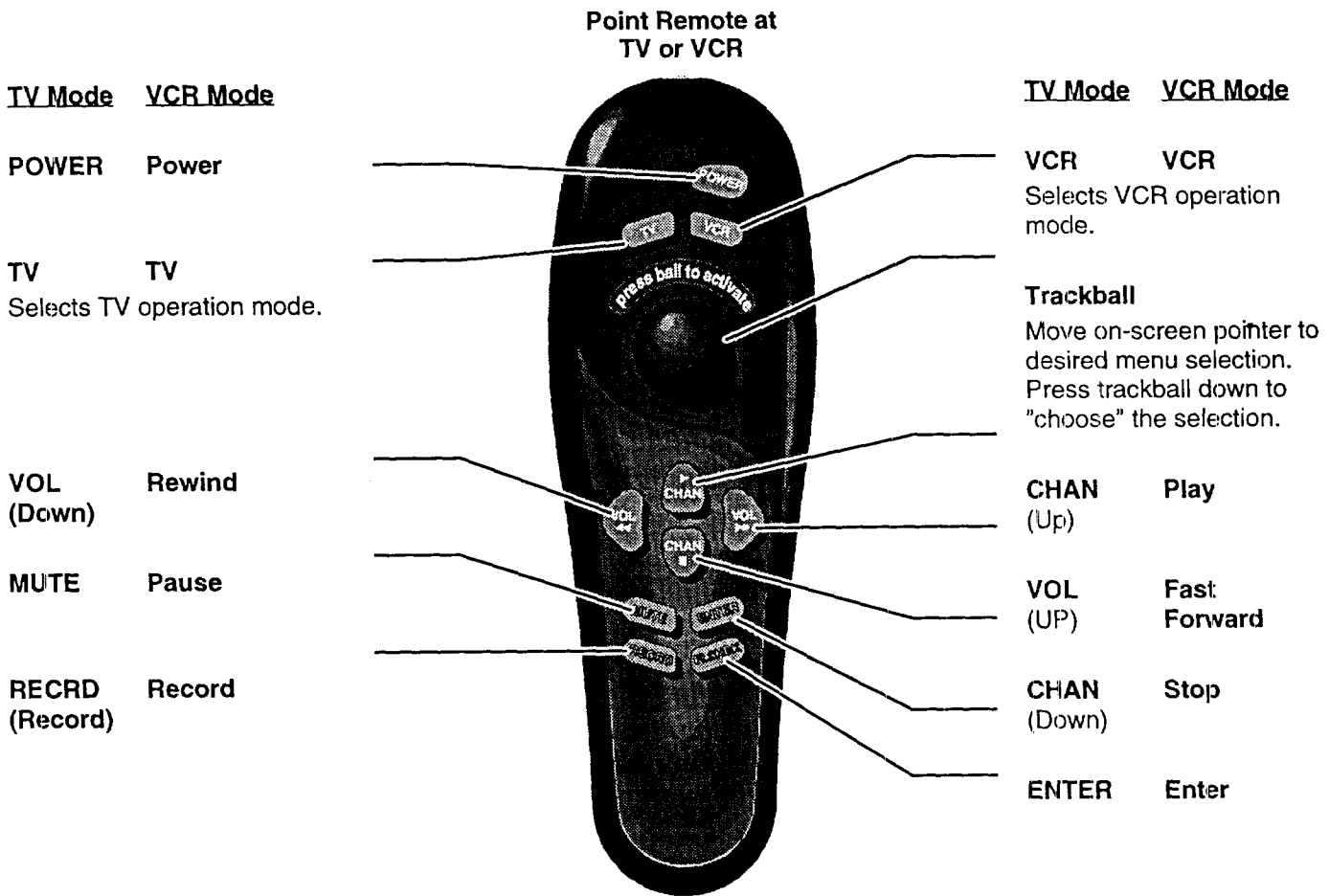Move on-screen pointer to desired menu selection. Press trackball down to "choose" the selection.

TV Mode	VCR Mode
CHAN (Up)	**Play**
VOL (UP)	**Fast Forward**
CHAN (Down)	**Stop**
ENTER	**Enter**

TV AND VCR KEY FUNCTIONS BY MODE

TV Mode Function Keys

Press **TV** to access TV functions

TV	Selects TV Mode.
VCR	Selects VCR Mode.
POWER	Turns TV On.
CHAN (Up)	Tunes to next higher channel.
VOL (Up)	Increases sound level.
VOL (Down)	Decreases sound level.
CHAN (Down)	Tunes to next lower channel.
MUTE	Turns Sound Off.
RECRD	Begins VCR recording.
ENTER	Shows Channel/Time/Audio Mode Display.
FLSHBK	Tunes to previous TV channel.

VCR Mode Play/Record Function Keys

Press **VCR** to access VCR functions

TV	Selects TV Mode.
VCR	Selects VCR Mode.
Power	Turns VCR On.
Play	Begins tape playback.
Fast Forward	Advances tape rapidly.
Record	Begins VCR recording.
Pause	Momentarily stops tape movement.
Enter	Shows VCR Status display.
Stop	Ends tape playback.
TV/VCR	Acts as the TV/VCR (or video) switch that is present on most VCRs.
Rewind	Rewinds tape rapidly.

INTRAQ TRACKBALL REMOTE CONTROL
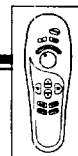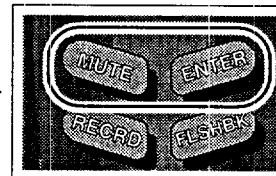
PROGRAMMING YOUR INTRAQ TRACKBALL REMOTE

The Inteq Trackball remote is already programmed to work with most Inteq VCRs. If your VCR is not an Inteq, or if your Inteq VCR does not respond to the trackball remote, you will need to program the remote.

To program the remote to operate a VCR other than an Inteq brand:

1. Make sure the TV and VCR are ON.
2. Refer to the "VCR Codes BY Brand Name" table on the next page. Locate the 3-digit number which corresponds to your brand of VCR.
3. Point the Intraq remote at your TV and simultaneously press the MUTE and ENTER keys until the on-screen **Intraq Setup** display appears near the bottom of TV screen.
   Notice that the current VCR brand code (initially 201) is displayed on the screen. Roll the trackball up or down (or use Chan Up/Down) to choose the 3-digit number of your VCR.
4. When your 3-digit number is displayed on the TV screen, point the remote at your VCR and press POWER to see if your VCR turns OFF. If the VCR does not respond, select a different number.
   If your VCR turns On and Off successfully, press the trackball (or ENTER) to save the code. The VCR Setup screen will disappear from the TV and the VCR key will blink 3 times upon exiting the Programming Mode and the remote will be in the VCR mode.
5. Now try other controls on your VCR, such as PLAY, REWIND, etc., to make sure that the correct VCR brand code number was selected. (If not, repeat steps 1 to 4.)
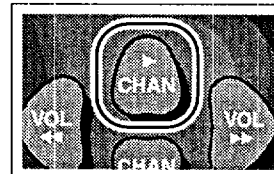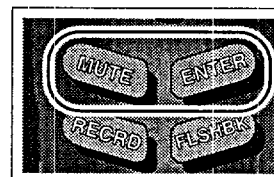
Notes:

❏ The MUTE key can be pressed at any time to cancel programming mode. The original VCR brand code will remain unchanged.

❏ Only the VCR Mode can be programmed. Pressing the VCR or TV mode key has no effect in the programming mode. Similarly, the VOL Up/Down RECRD, and FLSHBK keys have no function in the programming mode.

❏ The remote will exit programming mode automatically after 60 seconds if no key or trackball movement is detected.

AUTO FIND: PROGRAMMING YOUR INTRAQ REMOTE TO CONTROL VCR

If you have tried all 3-digit codes listed for your VCR manufacturer, and none of them operate your VCR, you will need to try "AutoFind" to see if a different code will operate your VCR. Proceed as follows:

To Auto Find the VCR brand code:

1. Make sure your TV and VCR are turned ON.
2. Simultaneously press the MUTE and ENTER keys until the VCR key lights up.
3. Point the Intraq remote towards your VCR and press CHAN (Up) followed by POWER.
   If your VCR turns OFF, the correct code was found. Press ENTER to save the code.
4. If your VCR did not turn off, continue the sequence of pressing CHAN (Up) followed by POWER until the VCR finally responds. When your VCR turns OFF, press ENTER to save the code.
5. Now try other controls on your VCR, such as Play, Rewind, etc., to make sure that the correct VCR brand code number was selected. (If not, repeat steps 2 to 4.)

Notes:

❏ The MUTE key can be pressed at any time to cancel programming mode. The original VCR brand code will remain unchanged.

❏ The remote will exit Auto Find automatically after 60 seconds if no key or trackball movement is detected.

INTRAQ TRACKBALL REMOTE CONTROL
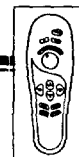
VCR CODES BY BRAND NAME

VCRS	
Admiral	208, 261
Adventura	231
Aiwa	231
Akai	223, 238, 241
Audio Dynamics	202, 218
Bell & Howell	206, 247
Broksonic	221, 226, 250, 255
Canon	214
Citizen	209
Craig	212
Curtis Mathes	214, 259
Daewoo	244, 246, 248, 254
Daytron	236, 246
DBX	202, 218
Emerson	203, 221, 223, 226, 233, 235, 243, 250
Fisher	211, 212, 213, 247
Funai	231
General Electric	214, 216, 220
Goldstar	209
Go Video	256, 262, 263
Hitachi	215, 257
Instant Replay	214, 227
J.C. Penney	214, 215, 218, 227

JVC	202, 225, 258
Kenwood	202
Logik	239
LXI	209, 231
Magnavox	207, 214, 231
Marantz	207, 218
Marta	209
Memorex	206, 212, 214, 231
Mitsubishi	204, 222, 252, 264
Montgomery Ward	208, 214, 216, 219, 231, 249
Multi Tech	239
NEC	202, 218
Orion	250
Panasonic	214, 251, 259
Pentax	215
Philco	207, 214
Philips	207, 214, 227
Pioneer	210, 215
Portland	246
ProScan	216, 260
Quasar	214, 259
RCA	215, 216, 220, 227, 240, 242, 260
Realistic	206, 208, 212, 214, 231
Samsung	220, 230

Sansui	239
Sanyo	206, 212, 247
Scott	204, 205, 233, 243
Sears	206, 209, 211, 212, 215
Sharp	208, 261
Shintom	239
Signature 2000	208, 214, 216, 219, 231, 249
Sony	234, 217, 237
Sylvania	207, 214, 227
Symphonic	231
Tashiko	209
Tatung	202
Teac	202, 231
Teknika	234
Toshiba	205, 215
Vector Research	204, 218
XR-1000	239
Yamaha	202, 218
Zenith	201, 224, 225, 229, 237

Ref: 124-207 and
µP 221-939A

CLEANING THE TRACKBALL

To keep the Intraq remote functioning properly, it is necessary to occasionally clean the trackball device.

To clean the Trackball:

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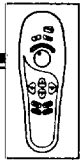4. Allow the remote to air-dry before using it again.

CAUTION:

Do not use alcohol or other "cleaning fluids" to clean the trackball. These may damage the remote control.
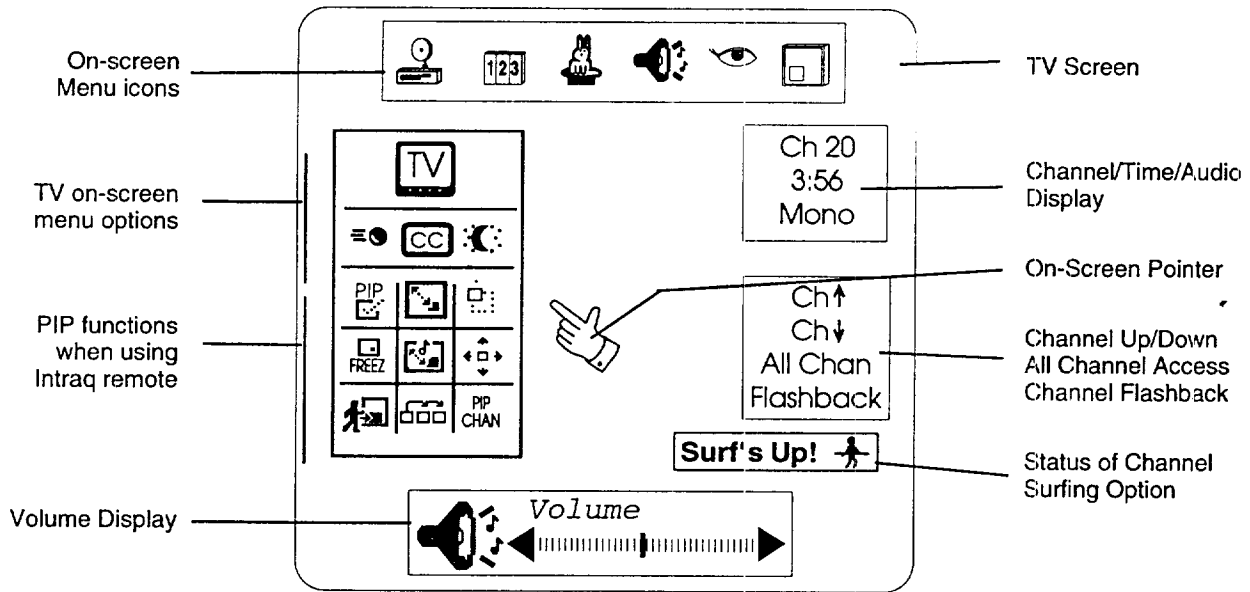
QUICK REFERENCE TO ON-SCREEN MENUS WITH INTRAQ REMOTE

Shown below are some of the on-screen displays that appear when using the Intraq remote control. These displays appear when the pointer is moved to the Top, Bottom, Left, and Right locations on the TV screen.

On-screen Menu icons

TV on-screen menu options

PIP functions when using Intraq remote

Volume Display

TV Screen

Channel/Time/Audio Display

On-Screen Pointer

Channel Up/Down
All Channel Access
Channel Flashback

Status of Channel Surfing Option

Ch 20
3:56
Mono

Ch↑
Ch↓
All Chan
Flashback

Surf's Up!

Volume

BASIC MENU OPERATION

The trackball on-screen menus can only be seen when using the trackball remote.

To use the trackball on-screen menus:

1. Press TV to set the remote in TV mode.
2. Press the trackball to view the on-screen pointer.
3. "Roll" the trackball forward, back, left or right to move the pointer to the Top, Bottom, Left or Right side of TV screen.
4. When the pointer is over the desired display, press the trackball to see your adjustment options.
5. After the adjustments are complete, move the pointer to center of screen and press trackball to remove it or wait a few seconds and the pointer removes itself from the TV screen.

For example, to see the volume Up and Down display, press the trackball to place the pointer on the TV screen. Then roll the trackball backward to move pointer to the bottom of the TV screen.
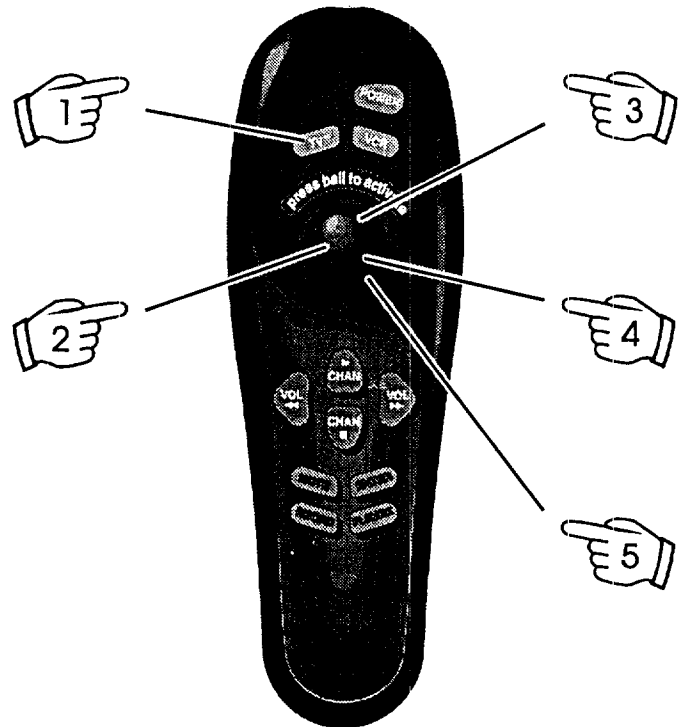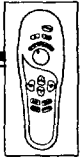
POINT AND PRESS OPERATION

A typical on-screen menu, as it would appear when you use the INTRAQ remote, is shown below. The on-screen menus are accessed by rolling the pointer to the top of the TV screen and pressing on one of the menu icons to see its list of op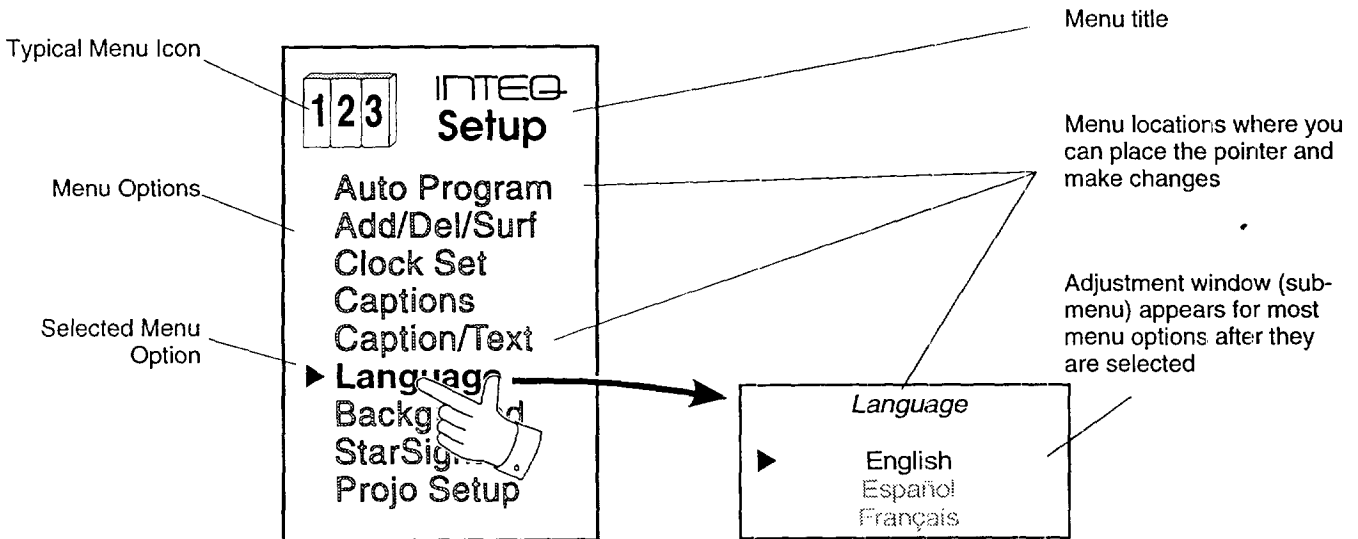tions. These options represent television features that you may or may not wish to use. When a feature is selected, an adjustment window appears so that the adjustment can be completed. Note that the phrase "point and press" is used throughout the Intraq remote control section of this operating guide. This simply means that the on-screen pointer is moved to a menu option and the trackball is pressed to select the option.

Typical Menu Icon

Menu Options

Selected Menu Option

Menu title

**1 2 3 INTEQ
Setup**

Auto Program
Add/Del/Surf
Clock Set
Captions
Caption/Text
► **Language**
Background
StarSight
Projo Setup

Menu locations where you can place the pointer and make changes

Adjustment window (sub-menu) appears for most menu options after they are selected

Language

► English
Español
Français

Menu Operation Options

Use the trackball remote to point to the feature you wish to adjust. Then press on the trackball to select the feature. Most times an adjustment window will appear.

Using the Pointer to Change Menu Options

Depending on the menu showing on the TV, the pointer can be placed in several places to adjust the feature. For example, when setting one of the timer features, you can point and press on the hours, minutes, and AM/PM portions of the adjustment window to make changes.

The Menu Title

Press the trackball repeatedly on the menu title to scroll through other available menus.

For Clock/Timer input, point and press on these areas to make changes.

On Time

11 00 AM
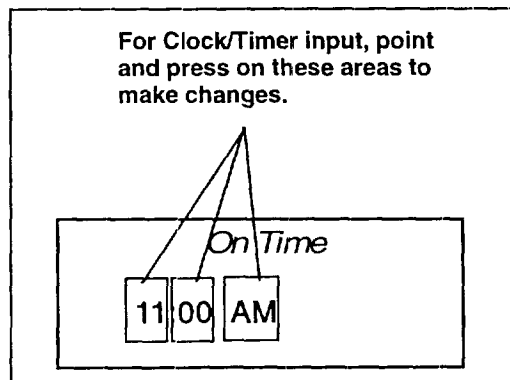
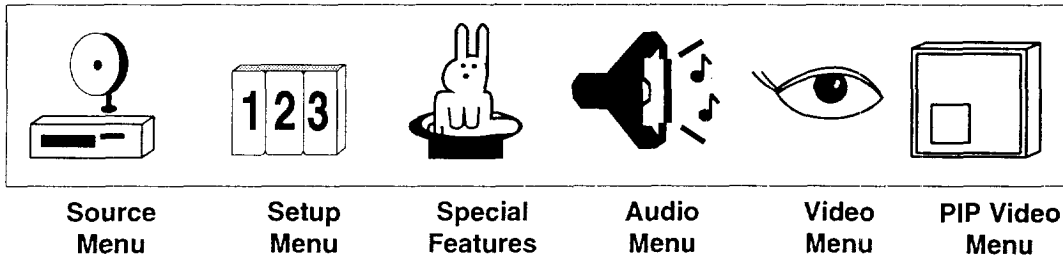| Move pointer to a menu icon. Press trackball to view the icon's menu options.						
	Source Menu	Setup Menu	Special Features	Audio Menu	Video Menu	PIP Video Menu

ON-SCREEN DISPLAYS

Channel/Time/Audio Mode

Channel - Reveals the currently tuned channel or video source.

Time - Reveals the time set on the TV.

Audio Mode Display - Reveals the audio signal currently being received.
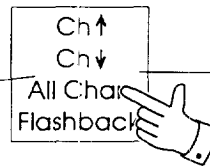
```
Ch 20
3:56
Mono
```
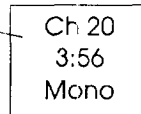
Channel Up/Down, All Channel, Flashback

Channel Up/Down - Use to move one channel higher or lower in channel selection.

All Channel - Display a listing of all channels available. Place pointer over the desired channel number and press the trackball to select the channel.

Flashback - Tune TV to previously viewed channel.

```
Ch↑
Ch↓
All Chan
Flashback
```

Move pointer over an option and press trackball to access the option or make a change.

Channel Surfing

Reveals if the Channel Surfing option is active or not. Point and press on this display to turn the Surf feature On and Off. When Surf is Off, the "No Surfing" display appears.

Surf's Up! 🏃

Audio Volume

Use the pointer to increase or decrease sound level by pointing and pressing the trackball on the volume level indicator. Point and press on the speaker icon to soften the sound; press again to mute the sound; press again to restore sound.

Volume ◀ ||||||||||||||||||| ||||||||||| ▶
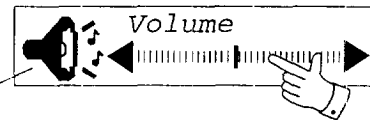
TV Mode Icon

Place pointer over icon and press trackball to switch to StarSight Mode.

TV

Closed Captions Icon

Use to turn Captions On/Off. Options are: On, Off or Captions when muted. Use Setup menu to specify the "type" of Captions/Text to be displayed.

Trackball Speed Icon

Use to specify how fast the pointer moves on the TV screen. Options are: Slow, Medium or Fast.

CC

Sleep Timer Icon

Use to set the Sleep Timer, which turns off the TV after a specified period of time. Options are in hours and minutes: Off, 15, 30, 1:00, 1:30, 2:00, 2:30, 3:00, 3:30, 4:00.

Point and press on Source Icon

MENU OPERATION

1. Point and press on a Main source.
2. Point and press on a PIP source.
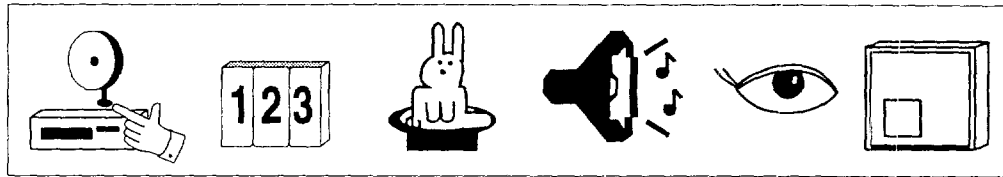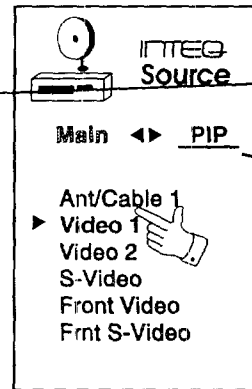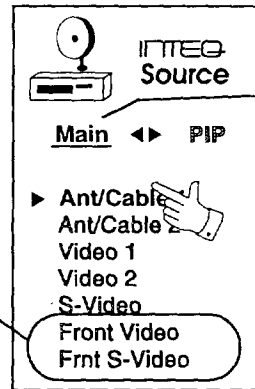
Front Video and Front S-Video are source options on some TV models only.
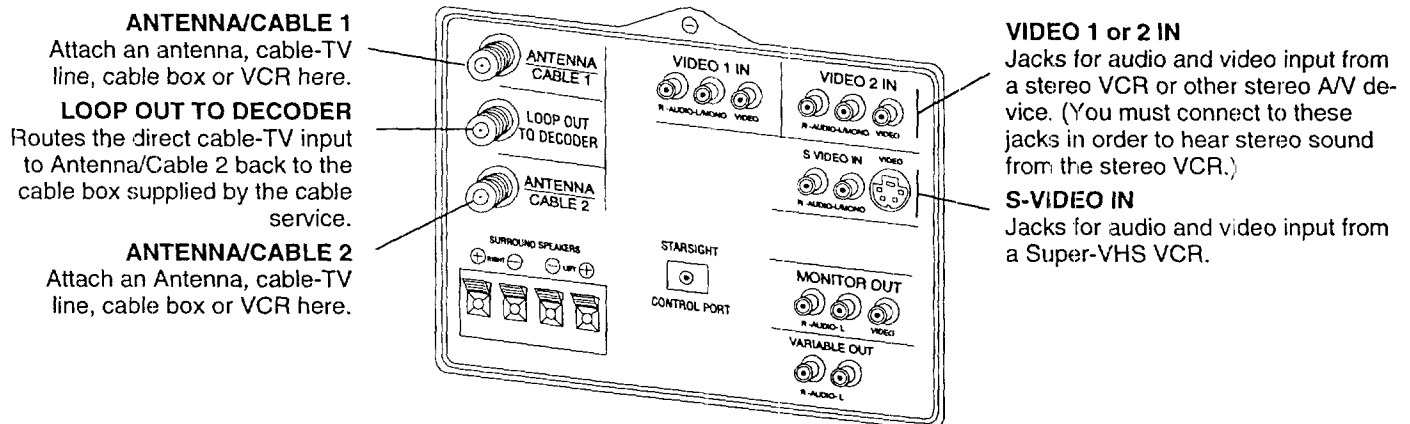
INTEG Source

Main ◄► PIP

► Ant/Cable
Ant/Cable
Video 1
Video 2
S-Video
Front Video
Frnt S-Video

INTEG Source

Main ◄► PIP

Ant/Cable 1
► Video 1
Video 2
S-Video
Front Video
Frnt S-Video

Source Menus shown with Main picture source menu selected (left) and

PIP window menu selected (right). •

SOURCE SELECTION

Ant/Cable 1 or 2	Routes the antenna or cable-TV source to the TV for viewing. You see program material from whichever signal source is connected to the ANT/CABLE 1 or 2 jack. (If the signal is from a VCR or a cable box, tune the TV to either channel 3 or 4.)
Video 1 or 2	Routes the audio and video from an A/V source (such as a VCR or a video disc player) to the TV for viewing. The source must be connected to the corresponding VIDEO 1 or 2 IN jacks.
S-Video	Routes the audio and video from an auxiliary Super-VHS video source (such as a VCR or a video disc player) to the TV for viewing. The source must be connected to the corresponding S-VIDEO jacks.
Front Video and Front S-Video	Routes the audio/video from an auxiliary video source (such as a VCR or a video disc player) to the TV for viewing. The source must be connected to the corresponding front Video or S-Video IN jacks.

Note: Refer to the "Connecting Your TV" chapter to make the proper equipment connections to the TV. For information about PIP sources, refer to the "PIP Operation" section.

ANTENNA/CABLE 1
Attach an antenna, cable-TV line, cable box or VCR here.

LOOP OUT TO DECODER
Routes the direct cable-TV input to Antenna/Cable 2 back to the cable box supplied by the cable service.

ANTENNA/CABLE 2
Attach an Antenna, cable-TV line, cable box or VCR here.

VIDEO 1 or 2 IN
Jacks for audio and video input from a stereo VCR or other stereo A/V device. (You must connect to these jacks in order to hear stereo sound from the stereo VCR.)

S-VIDEO IN
Jacks for audio and video input from a Super-VHS VCR.
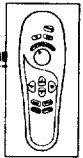
Point and press on Setup icon

Setup Menu

MENU OPERATION

1. Point and press on an option.
2. Point and press on an option in the adjust window to complete the adjustment.

123 ᴵᴺᵀᴱᴳ Setup
▶ Auto Program
Add/Del
Clock Set
Captions
Caption/Text
Language
Background
StarSight
Projo Setup

123 ᴵᴺᵀᴱᴳ Setup
▶ Clock Set
Captions
Caption/Text
Language
Background
Projo Setup

Setup Menu while Video or Super-Video Source is Chosen

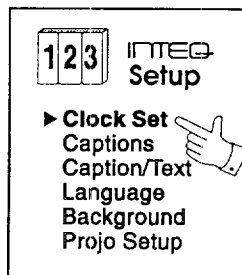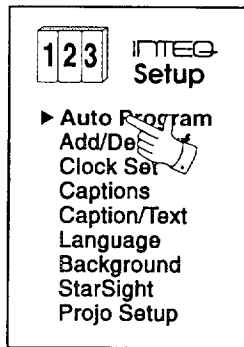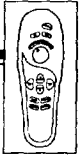|	
Auto Program	Finds all active channels and stores them in the TV's memory for use when a CHANNEL up/down button is pressed. See the "What You Should Do First" chapter for more details.
(Channel) Add/Del/Surf	Edit the channels found by Auto Program to create your own personal list of channels using the Channel Add or Delete feature. You may want to add (or delete) a weak-signal channel to the channel scan. Also, create your own "Surf" Channel Scan to scan your most frequently tuned, favorite channels when using Chan Up/Down. See the information following this chart for more details.
Clock Set	Use to set the clock in the TV. The time may be set manually or automatically. See the "What You Should Do First" chapter for more details.
Captions	Use to turn on-screen Caption/Text On or Off. Options are: On, Off or Captions When Muted.
Caption/Text	Select from different "types" of Closed Captions or informational text. Closed captioning or informational text appears on the TV screen when available on the selected channel. Options are: Caption 1, Caption 2, Caption 3, Caption 4, Text 1, Text 2, Text 3, or Text 4. See the information following this chart for more details.
Language	Selects the language for the on-screen menus. Options are: English, Spanish or French.
Background	Adds or removes a background behind the on-screen menus.
StarSight	Begins the StarSight Setup procedure. Refer to the StarSight operating guide for details. Before you activate the StarSight feature, review the StarSight instruction guide for the information you will need to complete the StarSight activation process.
Projo Setup (Projection TVs only)	Lets you verify and adjust, if needed, the color convergence of the TV picture. If you move your TV from its original location, or if after time, you notice color "fringes" around objects in the picture, you should check the alignment (convergence) of the projected colors. See the "What You Should Do First" chapter for more details.

AUTO PROGRAM

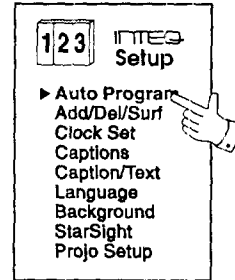### To start the Auto Program procedure:

1. Point and press on Auto Program in the Setup menu.
2. Point and press on Off Air Antenna or Cable TV.
3. Point and press on Begin Search.

```
1 2 3    ITTEG
          Setup
► Auto Program
  Add/Del/Surf
  Clock Set
  Captions
  Caption/Text
  Language
  Background
  StarSight
  Projo Setup
```
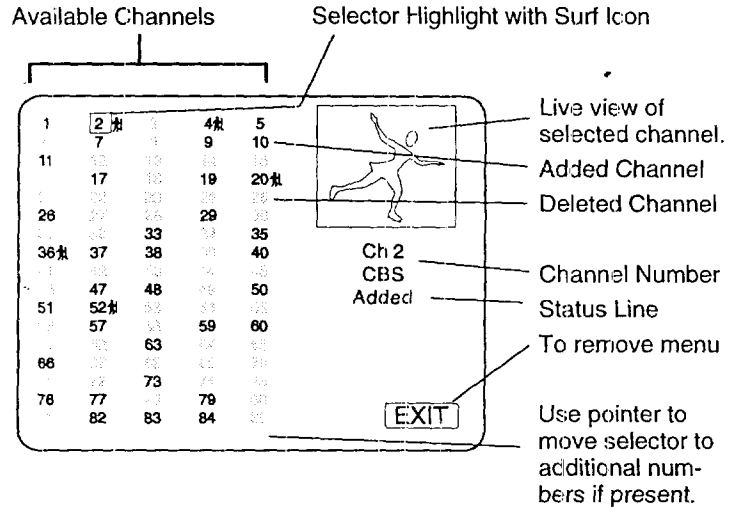
Setup Menu with Auto Program Highlighted

USING (CHANNEL) ADD/DEL/SURF

To Add/Delete Channels or Include Channels in Surf Scan:

1. Point and press on Add/Del/Surf in the Setup menu.
2. Point and press on a channel number.
3. Press on the channel number repeatedly until Add, Delete, or Surf appears in the status line.
4. Point and press on another channel to make changes or press on **Exit** to remove menu from screen.

Notes:

❑ Add/Del/Surf can only be used with Ant/Cable 1 or 2 Source.

❑ The audio of deleted channels is muted.

❑ Surf Scan channels are shown with the Surf Icon on menu as shown to the right.

Available Channels | Selector Highlight with Surf Icon

```
1   2     4   5          Live view of
    7     9   10         selected channel.
11                       Added Channel
    17    19  20         Deleted Channel
26        29
      33      35
36  37  38    40    Ch 2
    47  48    50    CBS      Channel Number
51  52        59  60  Added   Status Line
    57                       To remove menu
      63
66
      73
78  77    79             Use pointer to
    82  83  84    EXIT   move selector to
                         additional num-
                         bers if present.
```

USING CLOCK SET

To Set The Clock:

1. Point and press on Clock Set in the Setup menu.

2. Point and press on Clock Mode.

3. Point and press on Auto or Manual, then press on EXIT to return to the previous menu:
   AUTO: TV sets the time (while the TV is turned OFF).
   MANUAL: Use the remote control to set the time.

```
XII    ITTEG
IX  III  Clock
  VI
Clock Mode
Time Set
```

AUTO		MANUAL
4. Point and press on Time Zone then point and press on Auto.	or	4. Point and press on Time Set.
5. Press on EXIT to return to the previous menu, point and press on Daylight Saving, then press on Auto.		5. Point and press on the Hours, minutes, or AM (PM) to adjust the time.

StarSight Clock Set Note:

After StarSight is authorized for your TV, it can take up to 48 hours for Star-Sight information to be provided to the TV. This may result in the Clock's time being set incorrectly. Simply activate the Clock Menu and set the correct time.

```
XII    ITTEG
IX  III  Clock
  VI
Clock Mode
Time Zone
Day. Saving
```
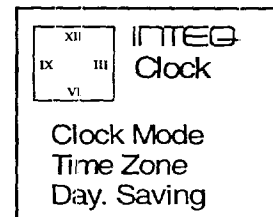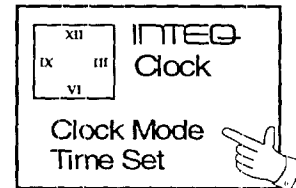
Auto/StarSight:

If StarSight is authorized for your TV, "StarSight Mode" appears in the adjust window instead of Manual or Auto.
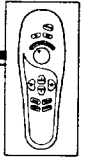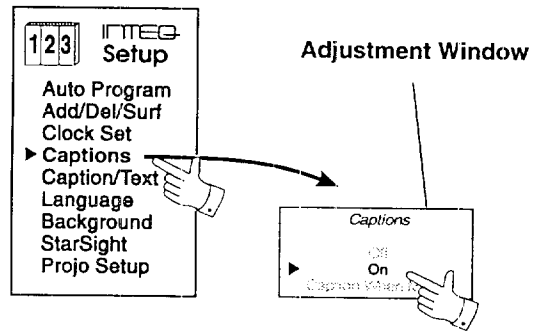
USING CAPTIONS

To Turn Captions On and Off:

1. Point and press on Captions in the Setup menu to view the adjust window.
2. Point and press on: On, Off or Captions when muted.
3. Move pointer off the menu and press the trackball to remove menu from screen.

Note: If you select Captions When Muted, Closed Captions appear when the sound is muted.

Adjustment Window

Setup
Auto Program
Add/Del/Surf
Clock Set
▶ Captions
Caption/Text
Language
Background
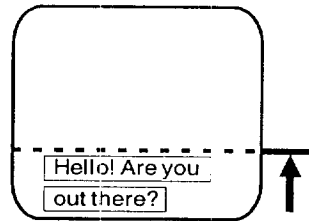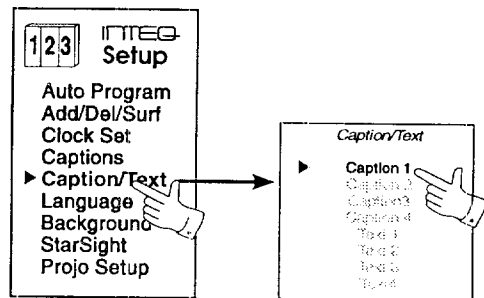StarSight
Projo Setup

Captions
▶ On

USING CAPTIONS/TEXT

To Select the "type" of Closed Caption or Text:

1. Point and press on Caption/Text in the Setup menu to view the adjust window.
2. Point and press on: Caption 1, Caption 2, Caption 3, Caption 4, Text 1, Text 2, Text 3, or Text 4..
3. Move pointer off the menu and press the trackball to remove menu from screen.

Note: At present, very few TV programs or video tapes offer text captioning for any option other than CAPTION 1. Therefore, CAPTION 1 is the only recommended choice, unless you know that a specific program is providing captioning using one of the other selections.

Setup
Auto Program
Add/Del/Surf
Clock Set
Captions
▶ Caption/Text
Language
Background
StarSight
Projo Setup

Caption/Text
▶ Caption 1

Hello! Are you out there?

See special newscast tonight at 7:00PM on channel 2.

Typical Captions Display
Captions may be shown anywhere on the screen.
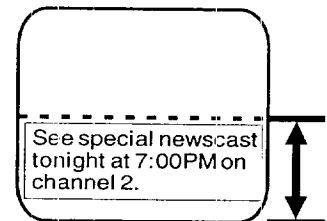
Typical Text Display
Fixed size text window fills lower half of screen.

Language

To Choose a Language for On-Screen Menus:

1. Point and press on Language in the Setup menu to view the adjust window.
2. Point and press on on desired selection: English, Español or Français. (English, Spanish or French.)
3. Move pointer off menu and press trackball to remove menu from screen.

Setup
Auto Program
Add/Del/Surf
Clock Set
Captions
Caption/Text
▶ Language
Background
StarSight
Projo Setup

Language
▶ English

3061-01

16 — 3
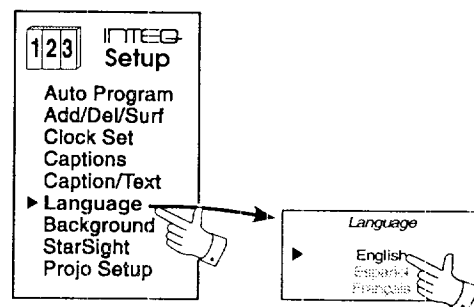
BACKGROUND

To Turn the Background On or Off:

1. Point and press on Background in the Setup menu to view the adjust window.
2. Point and press on desired selection: On or Off.
3. Move pointer off menu and press trackball to remove menu from screen.

```
[1|2|3]  INTEQ
         Setup
Auto Program
Add/Del/Surf
Clock Set
Captions
Caption/Text
Language
► Background
StarSight
Projo Setup
```

```
Background
►      Off
       On
```

STARSIGHT

Before you activate the optional StarSight feature, review the StarSight operating guide so you will have the information you will need to complete the StarSight activation process.

To Begin the StarSight Activation Procedure:

1. Point and press on StarSight in the Setup menu to view the adjust window.
2. Follow on-screen instructions.
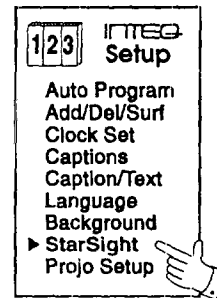
Note: Another method to begin the StarSight activation procedure is to simply point and press on the StarSight icon at the left of the TV screen.
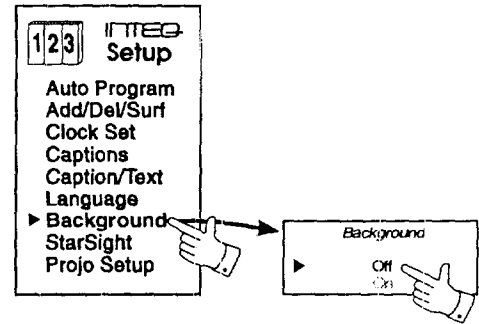
```
[1|2|3]  INTEQ
         Setup
Auto Program
Add/Del/Surf
Clock Set
Captions
Caption/Text
Language
Background
► StarSight
Projo Setup
```

PROJO SETUP

To "converge" the color(s) back into alignment:

1. Point and press on Projo Setup in the Setup menu to view the adjust window.
2. Point and press on the color (at the top) to change between Red and Blue.
3. Point and press on the arrows to converge the chosen color onto the reference lines.
4. Move pointer off menu and press trackball to remove menu from screen.

```
[1|2|3]  INTEQ
         Setup
Auto Program
Add/Del/Surf
Clock Set
Captions
Caption/Text
Language
Background
StarSight
► Projo Setup
```

```
Blue
```

```
Blue
```
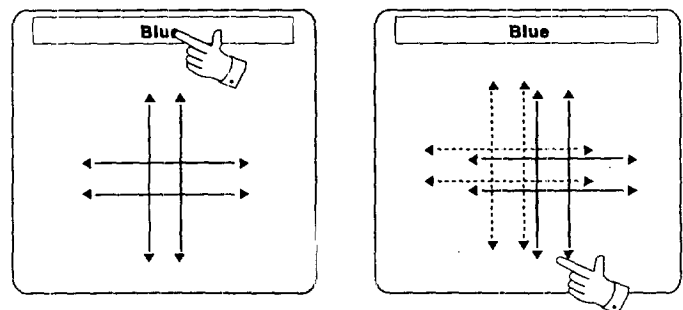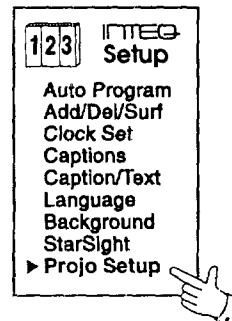
Point and Press on Special Features Icon
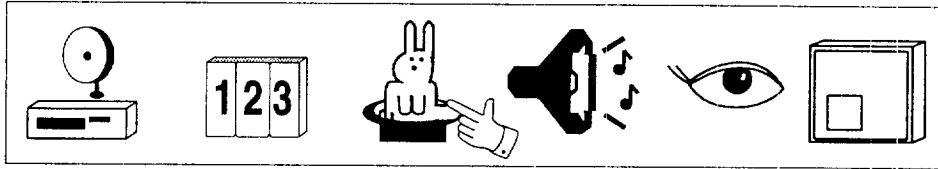
Special Features

MENU OPERATION

1. Point and press on an option.

2. Point and press on an option in the adjust window to complete the adjustment.

IΠTΞG Features

▶ Timer Setup
  Ch. Labels
  Source ID
  Parental Ctl
  Auto Demo

Timer Setup	Sets the TV's Sleep Timer and **On/Off Timer** features. See the information following this chart for more details.
Ch. Labels	Assigns a network/station label, name or call letters to specified channels. For example, if you choose the label "ABC" for channel 7, then "ABC" will appear in the Channel/Time display whenever channel 7 is selected. See information following this chart for more details.
Source ID	Assigns a descriptive "name" to the input sources. For example, the Video 1 source may be named VCR. "VCR" would then appear in the Source Menu as a reminder that your VCR is connected to the Video 1 input jacks.
Parental Ctl (Control)	Use this feature to block viewing of any undesirable channels or the entire video signal. See the information following this chart for more details.
Auto Demo	Use this feature to view a demonstration of the on-screen menus available on this TV.
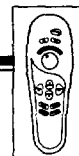
TIMER SETUP: Sleep Timer

To Program the Sleep Timer:

1. Point and press on Timer Setup in the Features menu to view the Timer Setup display.
2. Point and press on Sleep Timer to view the adjust window.
3. Press the trackball repeatedly to choose the length of time the TV will remain on. Options are: Off, 0:15, 0:30, 1:00, 1:30, 2:00, 2:30, 3:00, 3:30 or 4:00.
4. Move pointer off menu and press trackball to remove menu from screen.

One minute before the TV turns off, the GOOD NIGHT display appears on the screen. At this time you have a choice of the following two actions:

1. Do nothing. The GOOD NIGHT display remains on the screen. The TV will turn off in one minute.
2. Delay the turn-off by resetting the timer with a new time period.

Notes:

❏ To cancel the Sleep Timer, turn off the TV or point and press on Sleep Timer repeatedly until OFF is showing.

❏ As the Good Night display counts down the final 60 seconds, the audio and video of the TV also "dim" for a soft, discreet turn-off.

❏ The clock must be set before the Timer menu will appear.
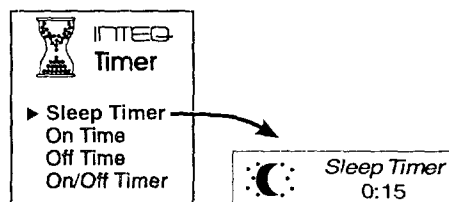
Sleep Timer Set to Turn TV OFF in 15 Minutes

·(:· Good Night 0:58
·(:· 58 Seconds
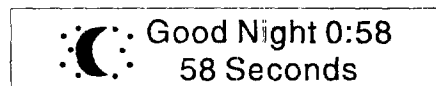
"Good Night" Display Appears 60 Seconds Before Shut-Off

TIMER SETUP: On/Off Timer

To Set the On/Off Timer:

1. Point and press on Timer Setup in the Features menu to view the Timer Setup window.
2. Point and press on On Time option.
   Point and press on hours, minutes, and AM/PM digits to set the TV'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 TV's turn Off time.
5. Point and press on On/Off Timer Option.
6. Point and press repeatedly to specify On or Off.
   On- On/Off Timer will be activated.
   Off- On/Off Timer will be deactivated.
7. Move pointer off menu and press trackball to remove menu from screen.
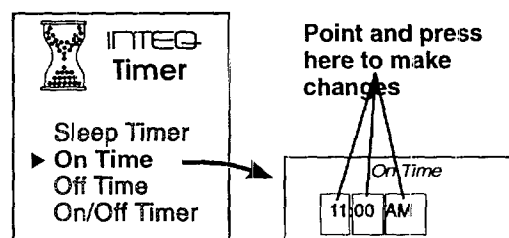
On/Off Timer Set to Turn TV On at 11:00 am

Notes:

❏ The clock must be set before the Timer menu will appear.

❏ A time must be set for Off Time in order to use the On/Off Timer.
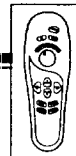
USING CHANNEL LABELS

To Assign Labels to Your Channels:

1. Point and press on Ch. (Channel) Labels in the Features menu to view the label select screen.
2. Point and press on Ch Up/Ch Down arrow repeatedly to select channel number you want to label.
3. Point and press on the appropriate label (A&E, ABC, etc.,) you want for the selected channel.
4. Point and press on Ch Up/Ch Down arrow repeatedly to select another channel number you want to label or move pointer to EXIT and press trackball to remove the menu.

To create "custom" channel Labels:

1. Point and press on Ch. (Channel) Labels in the Features menu to view the label select screen.
2. Point and press on Ch Up/Ch Down arrow repeatedly to select channel number you want to label.
3. Point and press twice on any label other than "- - - -" and "NONE."
4. Point and press on up to four characters for your custom label.
5. Point and press on EXIT to remove the menu.

Notes:

❏ Ch. Labels can only be used with ANT/CABLE 1 or 2 Source.

❏ The four dashes (- - - -) means that no channel label is assigned and the TV may accept the channel label that is transmitted by some television stations. Or, in addition to not assigning a label, **NONE** blocks the labels transmitted by some television stations.
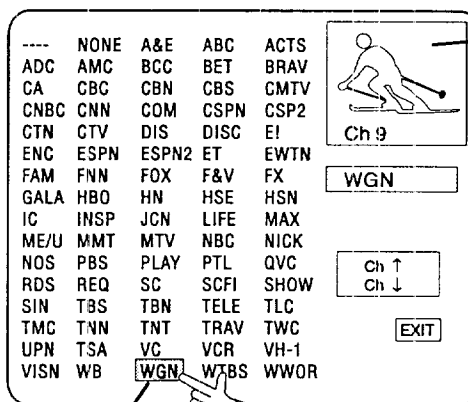

	NONE	A&E	ABC	ACTS
----	NONE	A&E	ABC	ACTS
ADC	AMC	BCC	BET	BRAV
CA	CBC	CBN	CBS	CMTV
CNBC	CNN	COM	CSPN	CSP2
CTN	CTV	DIS	DISC	E!
ENC	ESPN	ESPN2	ET	EWTN
FAM	FNN	FOX	F&V	FX
GALA	HBO	HN	HSE	HSN
IC	INSP	JCN	LIFE	MAX
ME/U	MMT	MTV	NBC	NICK
NOS	PBS	PLAY	PTL	QVC
RDS	REQ	SC	SCFI	SHOW
SIN	TBS	TBN	TELE	TLC
TMC	TNN	TNT	TRAV	TWC
UPN	TSA	VC	VCR	VH-1
VISN	WB	WGN	WTBS	WWOR

Ch 9 — Live view of selected channel.

WGN

Ch ↑ / Ch ↓

EXIT

Selector Highlight

Enter up to 4 characters for custom labels.

```
- A B C D E F G H I J K L M N O
P Q R S T U V W X Y Z 0 1 2 3 4
5 6 7 8 9 0 - / & # . I ? * Ñ É
```

Custom Channel Labels Screen

USING SOURCE ID

Selected Source   Selected Label
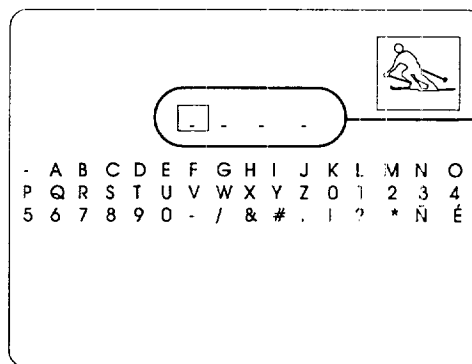
To Assign Names To Your Sources:

1. Point and press on Source ID in the Features menu to view the ID select screen .
2. Point and press on the source you want to identify.
3. Point and press on repeatedly on the space directly to the right of the chosen source to select an identifier label (VCR, Laser disc, etc.,).
4. Select another source you want to add an identifier label to or move pointer to EXIT and press trackball to remove menu from screen.

Selectable names for ANT/CABLE 1 or 2 Sources are: ----, Disabled, Antenna, Cable, Cable Box, VCR, Satellite, StarSight, Video Game, Laser Disk or DVD.

Selectable names for VIDEO and S-Video Sources are: ----, Disabled, VCR, VCR 1, VCR2, Satellite, Camcorder, Video Game, Laser Disc, Photo Cd or Audio Only.

Live view of selected Source.

EXIT

Source   Label

Source	Label
Ant/Cable 1	StarSight
Ant/Cable 2	- - -
Video 1	VCR
Video 2	Video Game
S-Video	- - -
Front Video	- - -
Frnt S-Video	- - -

Note:

❏ Disabling a Source prevents it from appearing in the Source Menu.

USING PARENTAL CONTROL (PC)

1. Select the individual channels to block.

a. Point and press on Block Ch. to view the channel select screen.

b. Point and press on Ant/Cable 1 or 2 to select a source.

c. Point and press on each channel you want to block to set it to "blocked." (A padlock icon appears next to the number.)

d. Point and press on EXIT to return to the **Inteq Par. Ctl.** menu.

2. Block the Video and S-Video sources.

a. Point and press on Block Video to view the adjust window.

b. Point and press on "Blocked." **All Video and S-Video sources will be blocked while PC is active.**

c. Point and press on EXIT to return to the **Inteq Par. Ctl.** menu.

3. Set the number of hours PC will remain active once it is turned on.

a. Point and press on Set Hours to view the adjust window.

b. Point and press on the arrows to advance to the number of hours you want PC to remain active. (The maximum is 99 hours.)

c. Point and press on EXIT to return to the **Inteq Par. Ctl.** menu.

4. Set a 4-digit password.

a. Point and press on Set Password to view the adjust window.

b. Point and press on four numbers to create a 4-digit password. (You will be prompted to verify the number by entering it a second time.)

c. Point and press on EXIT to return to the **Inteq Par. Ctl.** menu.

INTEQ Par. Ctl

▶ Block Ch.
Block Video
Set Hours
Set Password
Lock On/Off
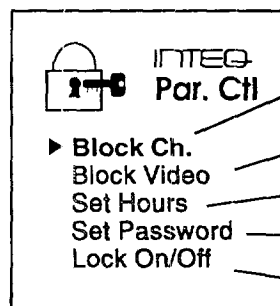
Blocks individual channels for Ant/Cable 1 or 2 sources.

Blocks video and S-Video images.

Length of time PC will be active.

Sets a 4-number password.

Turns PC feature On/Off.

Parental Control Menu
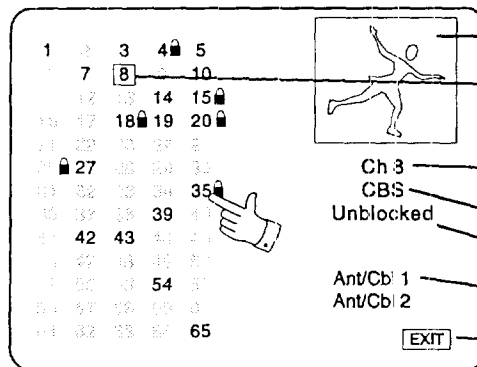
Live view of selected channel.

Channel Selector

Channel Number

Channel Label

Status Line

Source Signal

To remove menu

Block Channels Menu

5. Turn Parental Control ON.

a. Point and press on Lock On/Off to view the adjust window.

b. Point and press on "On."

c. Point and press on EXIT to return to the **Inteq Par. Ctl.** menu.

AUTO DEMO

To Turn On the Auto Demonstration:

a. Point and press on Auto Demo to view the adjust window.

b. Point and press on "On."

c. Point and press on EXIT to return to the **Inteq Par. Ctl.** menu.

INTEQ Features

Timer Setup
Ch. Labels
Source ID
Parental Ctl
▶ Auto Demo
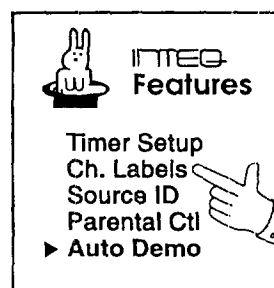
⚠ **To stop the demonstration, you must select Auto Demo in the menu and set it to OFF. Auto Demo will continue until it is set to OFF.**

Move pointer to Audio Menu Icon, press trackball to access menu

Audio Menu

MENU OPERATION

Point and press on desired feature to view adjust screen, then press trackball on adjustment to option(s) to make changes.

Audio
▶ Bass
Treble
Balance
Audio Mode
SoundRite
Enhance ♪
BBE Audio
Speakers

EXIT

Bass

Note: Point and press on any place of the adjustment bar.

Choose Main/PIP Audio:
To select the audio (sound) from the Main Picture source, point and press on the note symbol.
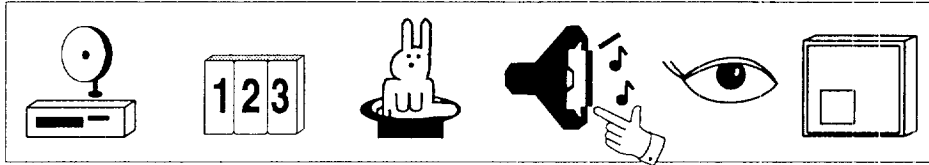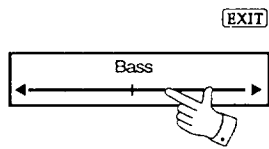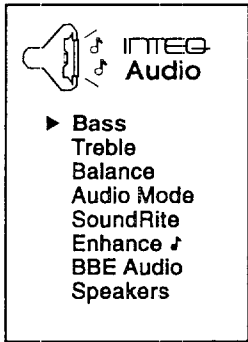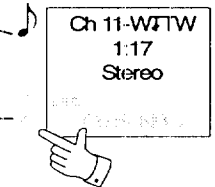To select audio from the PIP Source, (If PIP is active) point and press on the PIP note symbol.
(Selected note symbol for Audio source will be a white.) Unselected audio source note will be a gray color.

Ch 11-WTTW
1:17
Stereo

Bass	Increases and decreases the level of low-frequency sound.
Treble	Increases and decreases the level of high-frequency sound.
Balance	Adjusts the balance of sound between the TV's speakers.
Audio Mode (SAP is not an option for the Video or S-Video sources. Audio signals into a video source are assumed to be monaural or stereo.)	Allows you to select STEREO, MONO or 2ND AUDIO/SAP operation.
	Stereo: Directs the sound to the Left and Right speakers as supplied by the program. Stereo is the recommend choice: The TV switches automatically between the STEREO and MONO modes depending on the type of signal being received.
	Mono: Directs the same sound to both Left and Right speakers, even if the program being received is in stereo.
	2nd Audio/ SAP: Directs the sound for the Second Audio Program to both the Left and Right speakers. SAP sound is always monaural. If SAP is selected, you hear the SAP – usually a second language. When the SAP broadcast ends, the TV switches automatically (defaults) to the type of signal being received, STEREO or MONO. The TV switches back to 2ND AUDIO/SAP when the SAP broadcast resumes.
SoundRite	Turn this feature ON to maintain the television's volume at a constant level. In other words, commercials and audio from the auxiliary input source will no longer appear to sound louder than the volume level you have set. (Note that this feature is automatically deactivated if any of the Dolby Enhancements are selected for use.)
Enhancement (Dolby Pro Logic audio systems only)	Provides options for enhancing the TV's audio. Your options are Off, Concert Hall, Theater, Night Club, Stadium, Pseudo Stereo, Pro Logic Phantom, Dolby 3 Stereo, and Dolby Pro Logic Normal. See the information following this chart for more details.
BBE Audio	Use this to compensate for phase and amplitude distortions, which are inherent to loudspeakers, for a more faithful reproduction of original sound. Select Level 1, Level 2, or set BBE Audio to OFF according to your personal preference.
Speakers	Use to turn TV's internal speakers OFF and ON.

SPEAKER BALANCE

When Dolby 3 Stereo Enhancement is selected, balance the speaker sound as follows:

1. Select **Stereo** as the Audio option.
2. Select Dolby 3 Stereo as the Enhancement.
3. Adjust Bass and Treble to your preference.
4. Point and press on Balance to view the speaker balance screen.
5. Point and press on the speaker you want to adjust.
6. The text highlight and an audible "hissing" sound will "bounce" between the selected speaker and the **Center Reference**.
7. Point and press on the adjust bar to set the volume of the "hissing" – for the selected speaker – to about the same level as the "hissing" of the **Center Reference**. Do this for each speaker.

Message appears when adjusting Surround Sound.

Left Speaker
Right Speaker
Surround Speakers
Surround Speakers Required

BASIC SPEAKER BALANCE

When Dolby Pro Logic Normal or Phantom Enhancement is selected, balance the speaker sound as follows:

1. Turn on the external amplifier and set its volume to approximately the same volume as the TV. (This step is for Pro Logic Normal enhancement only.)
2. Select Dolby Pro Logic Normal (or Phantom) as the **Enhancement**.
3. Adjust the Bass and Treble to your preference.
4. Point and press on Balance to view the Pro Logic balance screen.
5. Point and press on a speaker to adjust.
6. The text highlight and an audible "hissing" sound will "bounce" between the selected speaker and the **Center Reference**.
7. Point and press on the adjust bar to set the volume of the "hissing" – for the selected speaker – to about the same level as the "hissing" of the **Center Reference**. Do this for each speaker.
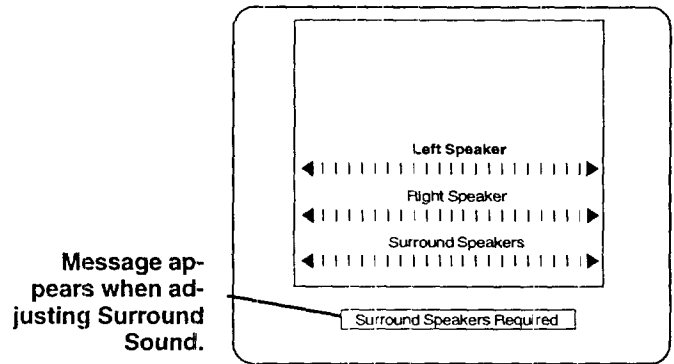
Highlight of text "bounces" between selected speaker and Center Reference.

Center Reference
Left Speaker
Right Speaker
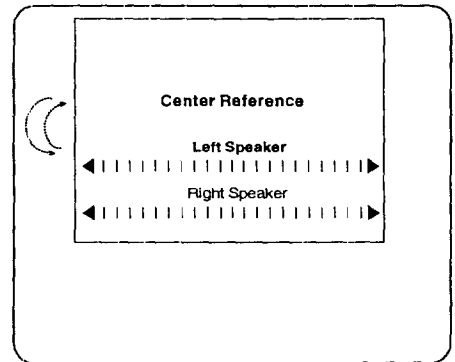
DOLBY 3 STEREO SPEAKER BALANCE

Text highlight "bounces" between selected speaker and Center Reference.

Message appears when adjusting Surround Sound.

Center Reference
Left Speaker
Right Speaker
Surround Speakers
Surround Speakers Required

PRO LOGIC BALANCE

3061-A
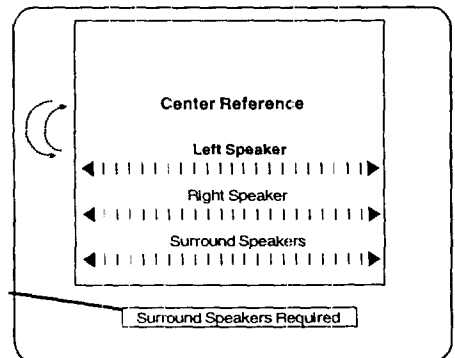
Point and press on Video Menu Icon
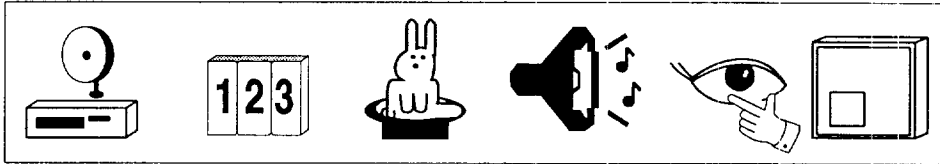
Video Menu

MENU OPERATION

1. Point and press on an option.
2. Point and press on an option in the adjust window to complete the adjustment.

INTEQ
Video

▶ **Contrast**
   Brightness
   Color
   Tint
   Sharpness
   Color Temp
   Video Filter
   Skin Tone
   Video Preset

EXIT

Note: Point and press on any place of the adjustment bar.

Contrast	Adjusts the overall contrast and color level of the picture.
Brightness	Adjusts the brightness level of black areas in the picture.
Color	Adjusts the intensity of the colors in the picture.
Tint	Adjusts the color of the flesh tones to more Green or more Red.
Sharpness	Adjusts the definition of the object edges for best picture quality.
Color Temp (Temperature)	Changes the "color temperature" or picture white balance between cooler, natural whites and warmer (red) colors.
Video Filter	Reduces video "noise" or interference in dark picture areas resulting in clearer overall pictures.
Skin Tone	Automatically maintains natural skin tones under changing scene and video source conditions.
Video Preset	Adjusts the picture to different light environments. Options are: Custom, Preset, Movie, Video Game, Sports, Daylight or Weak Signal.

Note:

❑ All adjustments on the Video Menu are optional. It is not necessary to adjust these features in order to operate the TV.

Point and press on PIP Menu Icon
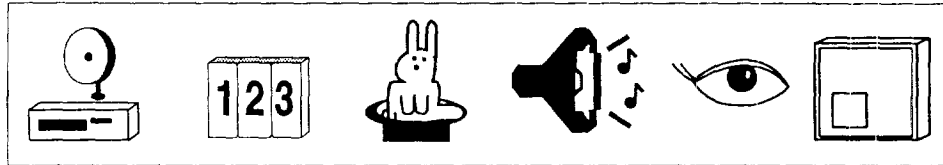
PIP Video Menu

MENU OPERATION

1. Point and press on an option.
2. Point and press on an option in the adjust window to complete the adjustment.

```
┌─────────────┐
│  ┌──┐  ιnΤΞΘ │
│  │□ │  PIP   │
│  └──┘        │
│              │
│ ► Ch. Guide  │
│   Ch. Review │
│   Contrast   │
│   Tint       │
│   Size       │
└─────────────┘
```

(EXIT)
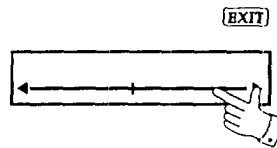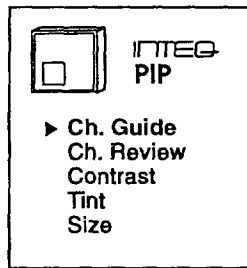
Note: Point and press on any place of the adjustment bar.

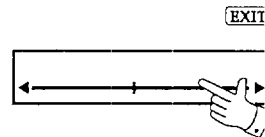**Selecting the PIP Menu does not "activate" PIP. However, a PIP window will appear during menu operation to show the effect of any setting changes.**

See PIP Operation section

Ch. Guide	Provides a visual review – in a column of four PIP windows– of all channels in the channel scan memory for the currently selected ANT/CABLE source.
Ch. Review	Provides a visual review – in two PIP windows– of the last two channels you were watching (prior to the channel you are currently watching).
Contrast	Adjusts the intensity of the colors in the PIP inset.
Tint	Adjusts the color of the flesh tones in the PIP inset to more Green or more Red.
Size	Adjusts the size of the PIP inset. Choose between small, medium or large.

MAINTENANCE AND TROUBLESHOOTING

CARING FOR YOUR PROJECTION TV

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

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

NOTE: If you unplug your TV, 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 or Ivory dishwashing detergent. Wipe the surface with a damp cloth. Then rinse the cloth in clean water and wipe the surface again. Allow the TV to air-dry before turning it on.

Wood Cabinets or Cabinet Components Use any good furniture cleaner and polish. Regular care will help preserve the finish.

⚠ **PROJECTION SCREEN CLEANING**

Use a soft cloth moistened with warm water and rub lightly in the soiled areas of the screen. DO NOT USE A TISSUE OR PAPER TOWEL, AS THESE MAY DAMAGE SURFACE. Wipe only in the vertical (up/down) direction (along the grooves). If there is a dirt buildup, a mild solution of warm water and Ivory dishwashing detergent may be used. Use dry soft cloth to dry the screen. Care should be taken to avoid scratches or damage to the screen surface.

NOTE: THE TV SCREEN IS EASILY DAMAGED. AVOID ACCIDENTAL CONTACT WITH THE SCREEN.

CARING FOR YOUR DIRECT VIEW TV

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

⚠ First check to see that the TV is off. For added safety, unplug the TV from the power outlet.

NOTE: If you unplug your TV, 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 or Ivory dishwashing detergent. Wipe the surface with a damp cloth. Then rinse the cloth in clean water and wipe the surface again. Allow the TV to air-dry before turning it on.

Wood Cabinets or Cabinet Components Use any good furniture cleaner and polish. Regular care will help preserve the finish.

DIRECT VIEW PICTURE GLASS CLEANING

The picture tube face attracts dust particles and should be cleaned regularly. To clean the face, spray a small amount of glass cleaner on a cleaning cloth and wipe the picture tube glass face until clean. Repeat if necessary.

To delay new dust accumulation, wet a soft cloth in lukewarm water in which a little fabric softener or Ivory dishwashing detergent has been mixed. Wring the cloth almost dry. Wipe the glass face. Make sure no drops of moisture are squeezed onto the glass. Do not wipe the glass dry. Allow the glass to air-dry before you turn the TV on again.

EXTENDED ABSENCE

Before an extended absence (such as a vacation) you may want to disconnect AC power to your TV. This will protect the projection TV from possible damage from lightning or power line surges. If you have an outdoor antenna, you may

also want to disconnect the antenna from the wall plate connection center

NOTE: If you unplug your TV, 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. These include:

Speckled or Streaked Picture Can be caused by nearby automobile ignition, electrical appliances, etc. This is most noticeable in weak signal areas.

Snow in Picture Caused by insufficient signal. Usually caused by the TV being located too far from the TV station or by an improper antenna installation.

Ghosts or Reflections Caused by signals being reflected from surrounding buildings, water tanks, or other high structures.

Radio Signal Police, amateur or CB radio transmitters may cause interference.

These interference problems can often be corrected through the use of a better antenna, signal amplifiers, or various filter devices. See your TV dealer for additional information, and accessories available for your projection TV.

MAINTENANCE AND TROUBLESHOOTING

SCREEN PROTECTOR

Some projection TVs are equipped with a screen protector. If it is necessary to remove or adjust the protector, "peel" the moldings away from the TV to separate them from the tabs groove and carefully lift out the screen protector. Be careful not to damage the moldings or scratch the surfaces of the TV screen or the screen protector.

⚠ **The TV screen is easily damaged. Avoid accidental contact with the screen.**

Label Toward You

Snap-in Moldings

Screen Protector

Molding Tabs Groove
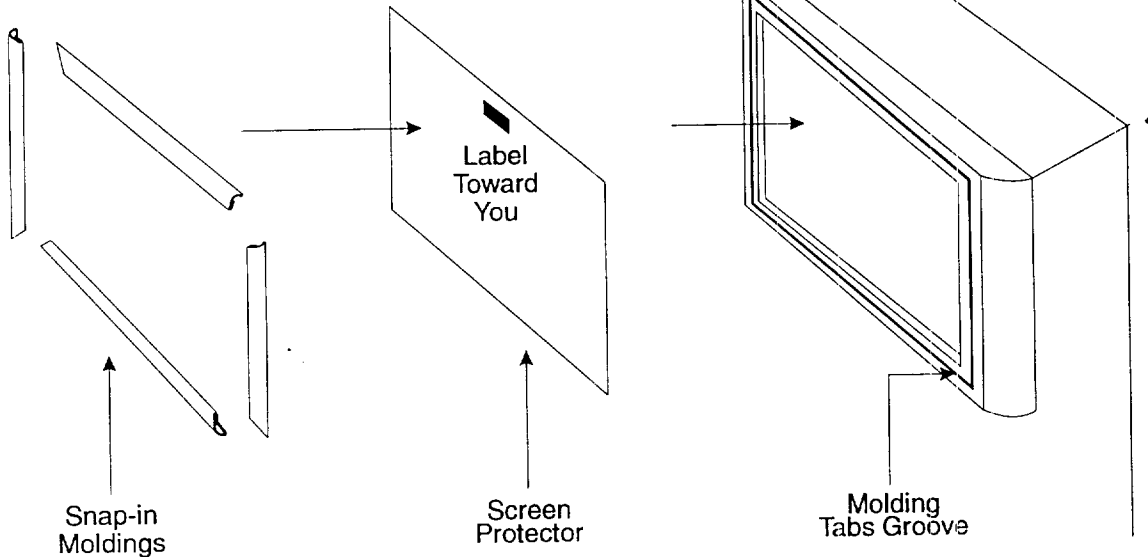
Step 1. Install one of the long snap-in moldings into the groove at the bottom of the TV and push the molding tabs into the groove as shown at the right. Place screen protector into the slot between the molding and the TV screen with the label on the screen protector facing you. Have someone hold the screen protector in position over the TV screen.

⚠ **Be extra careful not to scratch either the TV screen or the screen protector surfaces during installation.**

Step 2. Carefully shift the screen protector up, down, left, or right as needed.

⚠ **Clean screen protector as described on previous page.**

Step 3. Place the remaining three snap-in moldings in position on the top (remaining long piece), left, and right sides of the TV (shorter pieces). Press firmly enough on each snap-in molding to force the retainer tabs into the groove as shown above; each tab must be fully inserted. After installation, remove the label from the front of the screen protector, if desired.

Screen Protector

Retaining Tab

Groove on front of TV

Push molding tabs into groove on front of TV.
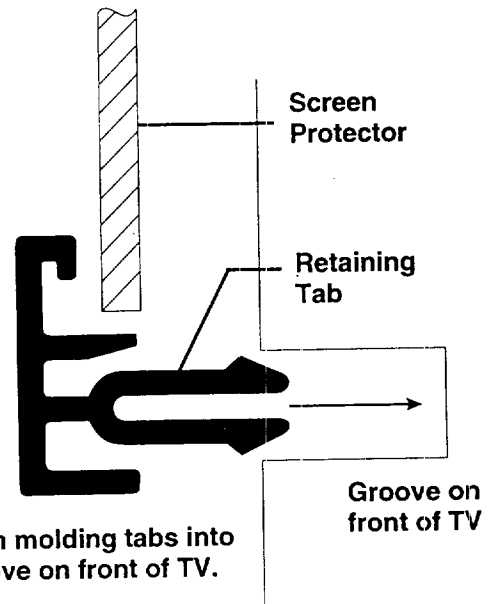
MAINTENANCE AND TROUBLESHOOTING

BEFORE CALLING FOR SERVICE

Check these items and see if you can correct the trouble by changing the adjustment of a control or a menu setting. By making these simple checks before calling for service, you may save time and money.

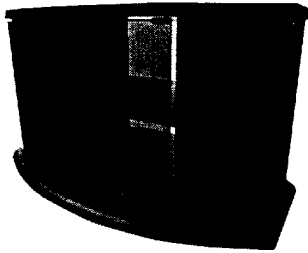| Problem	Try This
Picture OK. Poor sound.	Re-orient antenna. Try another channel — possible station trouble. Adjust AUDIO MENU options. Check Mute feature? Check for local interference. Is antenna/cable connection loose?
Sound OK. Poor picture.	Re-orient antenna. Try another channel — possible station trouble. Adjust VIDEO MENU options. Trouble with cable-TV system? Is antenna/cable connection loose?
No picture or sound.	Is TV on? Is there power in wall outlet? Is TV plugged in? Is antenna hooked up? Is cable hooked up? Trouble with cable-TV system? Check auxiliary audio/video equipment. Check channel selection. Is the channel blocked by PARENTAL CONTROL?
Picture blurred or distorted. Ghost in picture.	Check antenna or cable hook up for broken wires. Try another channel — possible station trouble. Check for local interference.
No color, or poor color.	Is it a color program? Check antenna or cable hook up for broken wires. Adjust VIDEO MENU options.
No sound or sound is low.	VOLUME (VOL) setting may be too low. Check MUTE key operation on remote control. Is Speaker EXT/INT switch set to EXT?
Cannot select certain channels or other channels.	Channels may be skipped in CH. ADD/DEL/SURF option of SETUP MENU. Use AUTO PROGRAM a second time. Is TV in Surf Channel Scan mode with only one channel specified as a Surf channel?
No closed captions	Are captions available? Is CAPTION 1, CAPTION 2, CAPTION 3 or CAPTION 4 selected using the CAPTIONS option on the SETUP MENU?
Black or blue box covers half of screen.	Is text information available? Is TEXT 1, TEXT 2, TEXT 3 or TEXT 4 selected in the CAPTIONS option of the SETUP MENU.
No picture or sound when VIDEO 1 or VIDEO 2 source is selected.	Is audio/video source hooked up properly? Are all wires connected to VIDEO 1 IN or VIDEO 2 IN jacks on connection center?
No stereo sound or weak stereo sound when using a stereo VCR.	Check AUDIO mode. Was stereo sound present before selecting VIDEO 1 or VIDEO 2 source?
Cannot select desired PIP source.	If Ant/Cable 1 or 2 is Main Source, TV makes it PIP source also.
PIP inset frame is black or lacks contrast when selecting VIDEO 1 for PIP inset.	Adjust PIP COLOR AND CONTRAST settings in PIP MENU. Are all wires connected to VIDEO 1 IN jacks on connection center?
PIP inset frame is "snowy" when using ANT/CABLE 1 or 2 for PIP and VIDEO 1 for main picture.	Is TV/VCR switch on the VCR (or remote) in the TV position?
No picture when using VIDEO 1 for PIP inset source and ANT/CABLE 1 or 2 for main picture.	Is TV/VCR switch on the VCR (or remote) in the TV position?
Remote control does not work.	Are batteries okay? Does Indicator light turn On? Is TV turned ON? Is remote in TV mode?

Notes:

❑ If your TV fails to respond to the VIDEO PRESET selection, or to any other menu selection, you must reset the TV. Simply disconnect the AC power cord from the power outlet. Wait a few minutes, then plug the TV back into the power outlet. You may have to reset the clock to the current time.

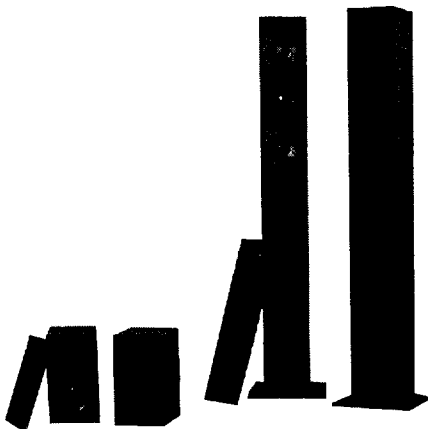❑ Unplugging the TV does not deactivate the Parental Control.

REPLACEMENT PRODUCT REGISTRATION CARD

You could win a full refund on your new IΠTEG product.

Look for the Product Registration Card on your new video product.

Each month a drawing is held by IΠTEG from the completed Product Registration Cards received during the preceding month. IΠTEG will reimburse the winner for the full purchase price of the product purchased.

In order to participate, simply complete and return the Product Registration Card at once, even if you choose not to complete the information and interests portion of the questionnaire.

The odds of winning the free drawing described above, depend on the number of participants. Free drawing offer is void in Canada and other places where restricted or prohibited by law. Offer is void for Hotel/Motel and Institutional models. Rental models are not eligible.

Product Card lost or misplaced?

The Product Registration Card furnished with your video product is pre-printed with its Model and Serial numbers. Please fill out the card and mail it at your earliest convenience. It is imperative that IΠTEG know how to reach you promptly if we discover a safety problem that would affect you. If the original card has been lost or misplaced, you may use the replacement card provided below. Either card will qualify you for the free drawing, but you are limited to only one entry in the drawing. Complete the card, place it in an envelope and mail it to:

IΠTEG **Electronics Corporation**
P. O. Box 2353
Brea, CA 92822-8805

Use the replacement Product Registration Card only if the original card has been misplaced or lost.

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PHOTOCOPY AND CUT ALONG DASHED LINE

IΠTEG **Product Registration Card**

① Please Print Clearly or Type

1. ☐ Mr.   2. ☐ Mrs.   3. ☐ Ms.   4. ☐ Miss

First Name   **Initial   Last Name**

Street   **Apt. No.**

City

State   Zip Code

② Area Code Telephone

③ Date of Purchase

Mo.   Day   Yr.

MODEL NUMBER

Copy Numbers Here From Label on Set

SERIAL NUMBER

← Please record the model number and serial number from the sticker on the back of your set.

YREG-Q2

accessories

Don't think handbags. Think a little something
to help activate your gray matter.

IQ50SD

Sub-woofer Cabinet
- Dual 6½" Sub-woofers
  with Bilaminate Cone
  and Rubber Surround
- 25 Watts per Channel with
  both Channels Driven
- Fixed Bass Boost 4dB @ 70Hz
- Glass Doors

IQ8000

Surround Sound Speaker
Two Way Mini Tower Speakers:
- Dual 4¼" Woofers with
  Mineral Filled Cone and
  Rubber Surround and High
  Temperature Voice Coil,
  Magnetically Shielded
- Rated Up to 100 Watts Music
  Power via Subwoofer Crossover

Rear Channel Speakers:
- 4¼" Full Range Speakers
- Rated Up to 15 Watts
  Music Power

IQ25SW

Stand Alone Sub-woofer
- Dual 6½" Sub-woofers
  with Bilaminate Cone
  and Rubber Surround
- 25 Watts per Channel with
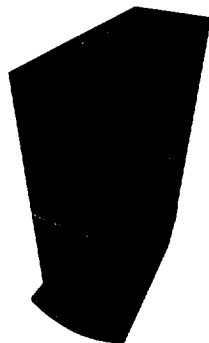 both Channels Driven
- Fixed Bass Boost 4dB @ 70Hz
- Dual Color Power Led

INTEG
FULL FRONTAL ENTERTAINMENT
FOR YOUR HEAD

IQ447 **4 head hi-fi VCR**

- HQ Picture Enhancement
  System for Improved Image
  Sharpness and Detail
- MTS Hi-Fi Stereo
- StarSight® Function
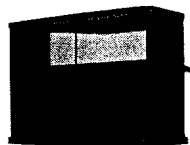- Universal Remote Control Unit

IQ2000 **DVD Player**

- Movie Studio Master
  Video Quality
- MPEG2 Digital Video
  Compression
- Dolby AC-3™
  5.1 Stereo Surround Sound
- DVD Remote Control

IQY632BT **Custom Cabinetry**

- Large Storage Shelving
- Tempered Smoked
  Glass Doors
- 19¾"H, 34½"W, 23"D

IQY727BT **Custom Cabinetry**

- Large Storage Shelving
- Tempered Smoked
  Glass Doors
- 20'H, 30"W, 20"D

IQY835BT **Custom Cabinetry**

- Large Storage Shelving
- Tempered Smoked
  Glass Doors
- 18⅜"H, 37⅜"W, 20"D

INTEQ

WARRANTY

Welcome into the INTEQ family! We believe that you will be pleased with your new INTEQ Color TV. Please read this warranty carefully. It is a "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.

INTEQ's Responsibility

Service Labor and Parts — During a period of one year from effective warranty date, INTEQ will supply new or remanufactured replacement picture tubes or other parts, and will pay for service labor by an INTEQ authorized service center, when such parts or service labor are needed to repair the product as a result of manufacturing defects. Further, INTEQ will supply a new or remanufactured replacement for any picture tube which fails during the second year after effective warranty date because of a manufacturing defect. Replacement parts are warranted for the remaining portion of the original warranty period. The above service labor warranty applies only in the U.S.A.

On-Site Service — Warranty service is provided where your INTEQ TV is installed.

Not Covered — This warranty covers manufacturing defects and does not cover installation, adjustment of customer controls in the home, installation or repair of home antenna 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 INTEQ. Any alteration of the product after manufacture voids this warranty in its entirety.

Owner's Responsibility

Effective Warranty Date — Warranty begins on the date of original consumer installation. For your convenience, keep the dealers 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 set and how to adjust the customer controls.

Antenna — Reception problems caused by inadequate home antennas or faulty antenna connections are the owner's responsibility.

Important: Product Registration — Please fill out and mail your Owner Registration Card. It is imperative that INTEQ know how to reach you promptly if we should discover a safety problem that could affect you.

Warranty Service — For warranty service information, contact any INTEQ authorized service center. Parts and service labor that are INTEQ's responsibility (see above) 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:

> ⚠️ Before you ask for Warranty service, check the operating guide section entitled, "Maintenance And Troubleshooting." It may be possible to avoid a service call.

INTEQ
Customer Service Department
1000 Milwaukee Avenue
Glenview, IL 60025-2493

Telephone: (888) F R O N T A L
(888) 3 7 6 – 6 8 2 5
Mon-Fri, 8:00 a.m. - 4:30 p.m. Central Time

ADDITIONAL INTEQ PROTECTION PLAN AVAILABLE

INTEQ offers you the opportunity to obtain additional long-term protection against failure of the picture tube in your new television. Our Picture Tube Protection Plan enables you to avoid any unexpected picture tube repair expenses and keep your television in top condition. It guarantees you a genuine INTEQ replacement picture tube and service from a INTEQ authorized service center.

Be sure to send in the **Product Registration Card**. We will send you an application for the Protection Plan near the expiration of the two year manufacturer's warranty on the picture tube. For additional information, call **(888) 376-6825**.

INTEQ