

# JVC®

**GUIDE** *plus*<sup>™</sup>  
GOLD  
CE-MSTAR

## Color Television User's Guide



For Models:

AV-36D800

AV-32D800

AV-27D800



*Illustration of AV-27D800 and RM-C344*

**IMPORTANT NOTE TO THE CUSTOMER:**

In the spaces below, enter the model and serial number for your television (located on the rear of the television cabinet). Staple your sales receipt or invoice to the inside cover of this guide. Keep this user's guide in a convenient place for future reference. Keep the carton and original packaging for future use.

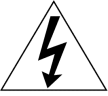



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Model Number

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Serial Number

# IMPORTANT SAFETY PRECAUTIONS

	<b>CAUTION</b> <b>RISK OF ELECTRIC SHOCK</b> <b>DO NOT OPEN</b>	
<b>CAUTION:</b> To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.		
	The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.	
	The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.	

**WARNING:** TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS TV SET TO RAIN OR MOISTURE.

**CAUTION:** TO INSURE PERSONAL SAFETY, OBSERVE THE FOLLOWING RULES REGARDING THE USE OF THIS UNIT.

1. Operate only from the power source specified on the unit.
2. Avoid damaging the AC plug and power cord.
3. Avoid Improper installation and never position the unit where good ventilation is unattainable.
4. Do not allow objects or liquid into the cabinet openings.
5. In the event of trouble, unplug the unit and call a service technician. Do not attempt to repair it yourself or remove the rear cover.

Changes or modifications not approved by JVC could void the warranty.

\* When you don't use this TV set for a long period of time, be sure to disconnect both the power plug from the AC outlet and antenna for your safety.

\* To prevent electric shock do not use this polarized plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

## IMPORTANT SAFEGUARDS

### CAUTION:

**Please read and retain for your safety.**

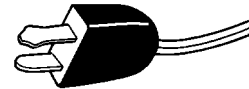
Electrical energy can perform many useful functions. This TV set has been engineered and manufactured to assure your personal safety. But *improper use can result in potential electrical shock or fire hazards*. In order not to defeat the safeguards incorporated in this TV set, observe the following basic rules for its installation, use and servicing.

And also follow all warnings and instructions marked on your TV set.

### INSTALLATION

- 1 Your TV set is equipped with a polarized AC line plug (one blade of the plug is wider than the other).

(POLARIZED-TYPE)



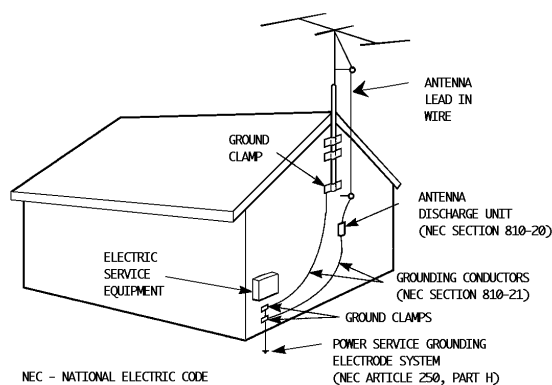
This safety feature allows the plug to fit into the power outlet only one way. Should you be unable to insert the plug fully into the outlet, try reversing the plug. Should it still fail to fit, contact your electrician.

- 2 Operate the TV set only from a power source as indicated on the TV set or refer to the operating instructions for this information. If you are not sure of the type of power supply to your home, consult your TV set dealer or local power company. For battery operation, refer to the operating instructions.
- 3 Overloaded AC outlets and extension cords are dangerous, and so are frayed power cords and broken plugs. They may result in a shock or fire hazard. Call your service technician for replacement.
- 4 Do not allow anything to rest on or roll over the power cord and do not place the TV set where power cord is subject to traffic or abuse. This may result in a shock or fire hazard.
- 5 Do not use this TV set near water — for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near swimming pool, etc.
- 6 If an outside antenna is connected to the TV set, be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code provides information with respect 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 requirements for the grounding electrode.

- 7 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.
- 8 TV sets are provided with ventilation openings in the cabinet to allow heat generated during operation to be released. Therefore:
  - Never block the bottom ventilation slots of a portable TV set by placing it on a bed, sofa, rug, etc.

#### EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE



- Never place a TV set in a “built-in” enclosure unless proper ventilation is provided.
  - Never cover the openings with a cloth or other material.
  - Never place the TV set near or over a radiator or heat register.
- 9 To avoid personal injury:
    - Do not place a TV set on a sloping shelf unless properly secured.
    - Use only a cart or stand recommended by the TV set manufacturer.
    - Do not try to roll a cart with small casters across thresholds or deep pile carpets.
    - Wall or shelf mounting should follow the manufacturer’s instructions, and should use a mounting kit approved by the manufacturer.

#### USE

- 10 Caution children about dropping or pushing objects into the TV set through cabinet openings. Some internal parts carry hazardous voltages and contact can result in a fire or electrical shock.
- 11 Unplug the TV set from the wall outlet before cleaning. Do not use liquid or an aerosol cleaner.
- 12 Never add accessories to a TV set that has not been designed for this purpose. Such additions may result in a hazard.
- 13 For added protection of the TV set during a lightning storm or when the TV set is to be left unattended for an extended period of time, unplug it from the wall outlet and disconnect the antenna. This will prevent damage to product due to lightning storms

or power line surges.

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

#### SERVICE

- 15 Unplug this TV set from the wall outlet and refer servicing to qualified service personnel under the following conditions:



- A. When the power cord or plug is damaged or frayed.
  - B. If liquid has been spilled into the TV set.
  - C. If the TV set has been exposed to rain or water.
  - D. If the TV set does not operate normally by following the operating instructions. Adjust only those controls that are covered in the operating instructions as improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the TV set to normal operation.
  - E. If the TV set has been dropped or damaged in any way.
  - F. When the TV set exhibits a distinct change in performance — this indicates a need for service.
- 16 Do not attempt to service this TV set yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
  - 17 When replacement parts are required, have the service technician verify in writing that the replacement parts he uses have the same safety characteristics as the original parts. Use of manufacturer’s specified replacement parts can prevent fire, shock, or other hazards.
  - 18 Upon completion of any service or repairs to this TV set, please ask the service technician to perform the safety check described in the manufacturer’s service literature.
  - 19 When a TV set reaches the end of its useful life, improper disposal could result in a picture tube implosion. Ask a qualified service technician to dispose of the TV set.
  - 20 Note to CATV system installer.  
This reminder is provided to call the CATV 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 cable entry as practical.



# TABLE OF CONTENTS

## CONNECTIONS

Connections Checklist . . . . .	5
Front & Rear Panel Diagrams . . . . .	6
Guide Plus+ Gold Setup . . . . .	7
Cable & Antenna Connections . . . . .	7
Audio/Video Connections — Stereo . . . . .	9
Connecting to a Camcorder . . . . .	9
S-VHS Connections (For VCR and Camcorder) . . . . .	9
Connecting to a DVD Player . . . . .	10
Connecting to an External Amplifier . . . . .	10
Connecting to JVC AV Compu Link Capable Components . . . . .	11

## GETTING STARTED

Remote Control . . . . .	12
Power . . . . .	13
Adjusting Volume . . . . .	13
Changing Channels . . . . .	13
Setting the CATV and VCR codes . . . . .	14
The on-screen menus . . . . .	16
Plug In Menu . . . . .	17
<i>Language</i>	
<i>Auto Tuner Setup</i>	
<i>Guide Plus+ Gold Setup.</i> . . . . .	18
<i>Finish</i>	

## TV GUIDE PLUS+ GOLD

Guide Plus+ Gold Setup . . . . .	19
Introduction . . . . .	23
Grid . . . . .	24
Sort. . . . .	26
News . . . . .	28
Schedule . . . . .	29
Messages . . . . .	30
Channel Editor . . . . .	31
Options . . . . .	32
VCR+ . . . . .	33
Guide Plus+ Gold Buttons . . . . .	33

## MENU FUNCTIONS

Initial Setup . . . . .	34
<i>Channel Summary</i> . . . . .	34
<i>Channel Guard-Lock</i>	
<i>GUIDE Plus+ Setup</i>	
<i>GUIDE Plus+ Demo</i>	
<i>V-Chip</i> . . . . .	35
<i>Channel Guard Lock.</i> . . . . .	38

Picture Adjust . . . . .	39
<i>Tint</i>	
<i>Color</i>	
<i>Picture</i>	
<i>Bright</i>	
<i>Detail</i>	
<i>Noise Muting</i>	
<i>Set Video Status</i>	
Sound Adjust . . . . .	40
<i>Bass</i>	
<i>Treble</i>	
<i>Balance</i>	
<i>MTS (Multi-channel Stereo Sound)</i>	
<i>Some Sound Advice</i>	
Clock/Timers . . . . .	41
<i>Set Clock</i>	
<i>On/Off Timer</i>	
Initial Setup . . . . .	42
<i>TV Speaker</i>	
<i>Audio Out</i>	
<i>Component-In</i>	
<i>Closed Caption</i>	

## BUTTON FUNCTIONS

Display . . . . .	43
Video Status . . . . .	43
Sleep Timer . . . . .	43
BBE . . . . .	44
Hyper Surround . . . . .	44
TV/Video . . . . .	44
100+ . . . . .	44
VCR Buttons . . . . .	44
Muting . . . . .	44
Return+. . . . .	44
Number Buttons (10 Key Pad) . . . . .	44
On/Move PIP (Picture In Picture) . . . . .	45
Source . . . . .	45
Freeze . . . . .	45
Swap . . . . .	45
Channel +/- for PIP . . . . .	45
Source. . . . .	45

## APPENDICES

Troubleshooting . . . . .	46
Troubleshooting for GUIDE Plus+ GOLD. . . . .	47
Limited Warranty. . . . .	48
Authorized Service Centers . . . . .	49
Specifications . . . . .	50
VCR/Cable box brand lists . . . . .	51

**CONNECTIONS CHECKLIST — READ ME FIRST!**

*The Connections Checklist section of this guide is a list of ideas to keep in mind when you set out to perform your connections. It is designed to help us not-so-technically-advanced individuals. If you read this section, and can't identify the plugs, connectors, and components you have, do not be afraid to seek help.*

**1) Refer to the connection instructions in the user's guide for each component you plan to connect.**

They will provide more detailed information about their products, and they will tell you what plugs and cables are required.

**2) Most A/V input jacks and plugs are color coded:**

- Yellow plugs are Video connections
- Red plugs are for Right Audio connections
- White plugs are Left Audio (Mono) connections

**3) Perform one hookup at a time.**

If you have many accessories to connect, make sure each connection is correct by checking to see that it works properly before attempting the next connection. (For example, always start with the RF or Cable connections, make sure it works, then move on to video or VCR connections.)

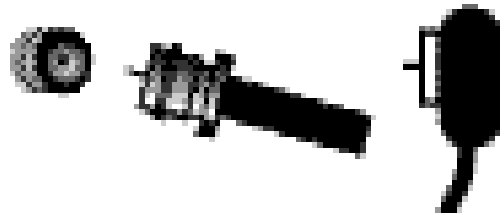
**4) Unplug the power cord between each connection.**

**5) Each jack on the back of the TV is labeled.** If you read these instructions and still do not fully understand the connections process, seek assistance.

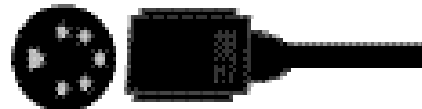
**6) The IR Mouse lets Guide Plus+ Gold control your cable box and/or your VCR.** You must place the transmitter of the IR Mouse in front of the corresponding window on the cable box or VCR.

**7) The AV Compu Link Cable is supplied with the JVC device which you want to connect.** If you do not have one, but you do have a JVC Compu Link capable VCR or HiFi, contact your local JVC dealer.

RF Connectors



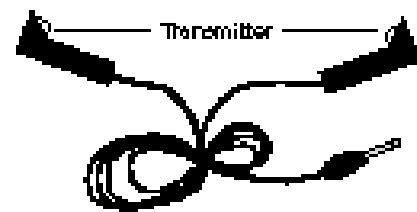
S-Video Plug



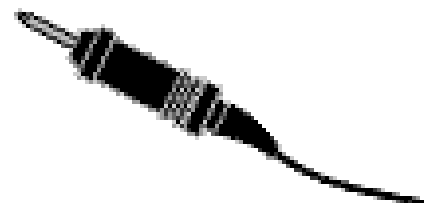
A/V Input Plug

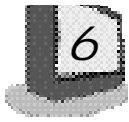


IR Mouse



AV Compu Link Cable

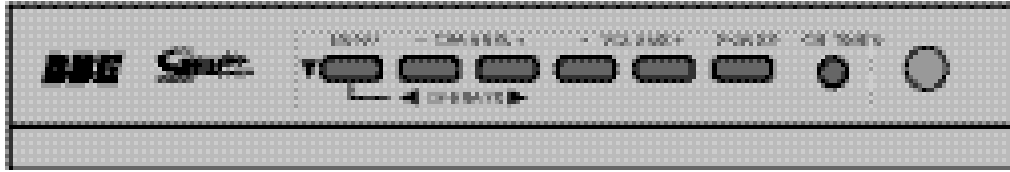




# 6 CONNECTIONS

## FRONT PANEL DIAGRAMS

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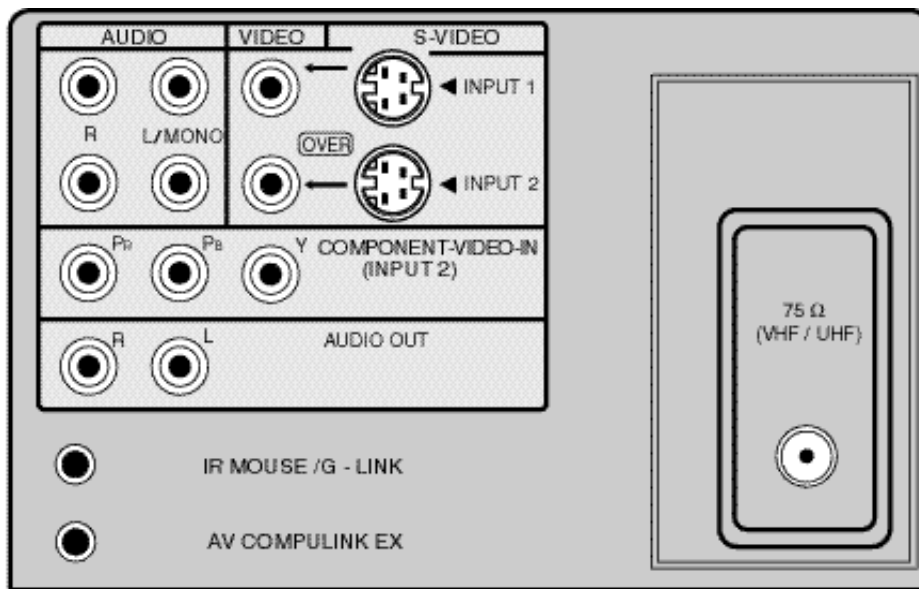
**FRONT PANEL DIAGRAM**  
AV-32D800 • AV-27D800



**FRONT PANEL DIAGRAM**  
AV-36D800

## REAR PANEL DIAGRAM

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**REAR PANEL DIAGRAM**  
Common to all models in this book.

## GUIDE PLUS+ GOLD™ SETUP

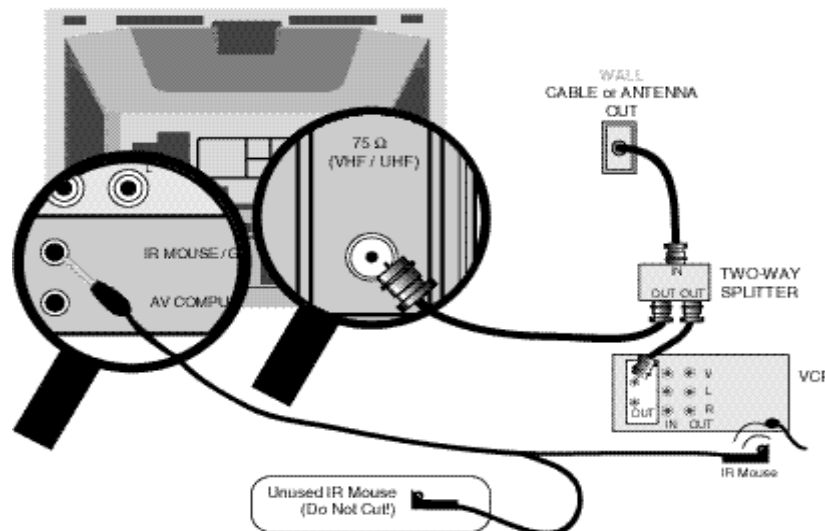
*GUIDE Plus+ GOLD requires a certain hookup to properly function. It requires that the TV, the VCR, and the cable box be connected in a certain, specific manner. We have provided very specific diagrams on the next 5 pages. Please follow them exactly in order to insure that GUIDE Plus+ GOLD works properly.*

### CABLE & ANTENNA CONNECTIONS

There are three basic types of antenna or cable hookups.

- #1. If you have an antenna, or have a cable TV system that does not require you to utilize a cable box, follow diagram #1 (this page).
- #2. If you have a cable system that requires you to use a cable box to tune any or all channels use diagram #2 (next page).
- #3. If you have a video output on your cable box, refer to diagram #3 (next page).

#### #1 No Cable Box Required



- 1) Connect cable or antenna wire *out* from wall, *in* to splitter RF input.
- 2) Connect wire *out* from splitter RF output, *in* to TV RF input.
- 3) Connect wire *out* from splitter RF output, *in* to VCR RF input.

**NOTES:** A) In order for GUIDE Plus+ GOLD to control the VCR, put one IR Mouse in front of the remote control infrared receiver window of the VCR.  
 B) Since this arrangement does not require you to use a cable box, DO NOT cut off the second IR Mouse. Roll up the wire, and place the second mouse behind the TV.  
 C) You must connect the VCR to the TV using Audio/Video connections (see page 9).

☐ Refer to the VCR instructions regarding its connections.

VCR Plus+, C<sup>3</sup>, PlusCode and GUIDE Plus+ are trademarks of Gemstar Development Corporation. The VCR Plus+ and GUIDE Plus+ systems are manufactured under license from Gemstar Development Corporation and VCR Index Systems B.V., respectively.

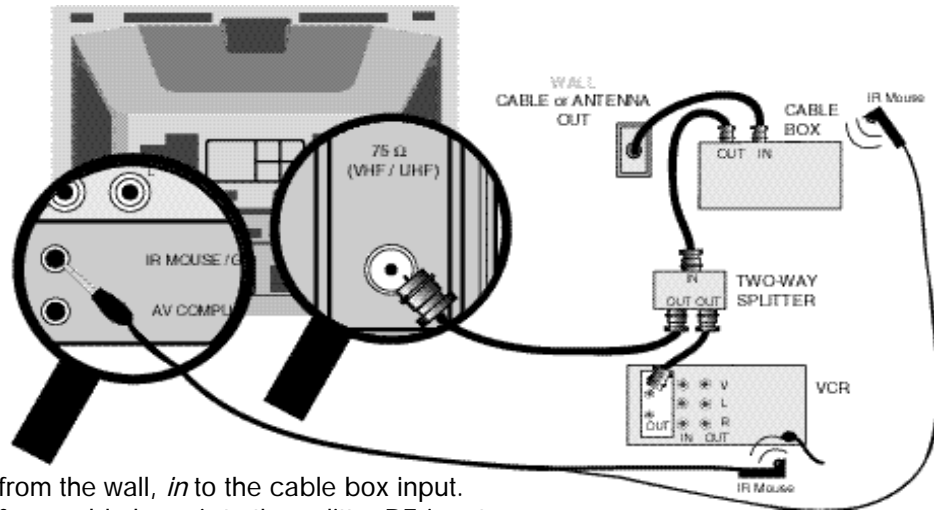
**GEMSTAR IS NOT IN ANY WAY LIABLE FOR THE ACCURACY OF THE PROGRAM SCHEDULE INFORMATION PROVIDED BY THE GUIDE PLUS+ SYSTEM. IN NO EVENT SHALL GEMSTAR BE LIABLE FOR ANY AMOUNTS REPRESENTING LOSS OF PROFITS, LOSS OF BUSINESS, OR INDIRECT, SPECIAL, OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH THE PROVISION OR USE OF ANY INFORMATION, EQUIPMENT, OR SERVICES RELATING TO THE GUIDE PLUS+ SYSTEM.**

VCR required for recording.



# 8 CONNECTIONS

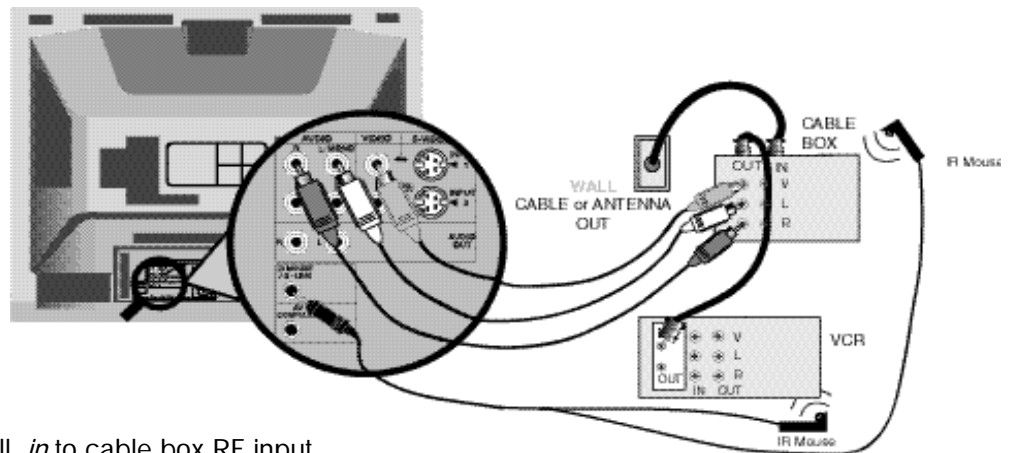
## #2 Cable Box Required For All Channels



- 1) Connect cable wire *out* from the wall, *in* to the cable box input.
- 2) Connect cable wire *out* from cable box, *in* to the splitter RF input.
- 3) Connect cable wire *out* from splitter RF output, *in* to the TV RF input.
- 4) Connect cable wire *out* from splitter RF output, *in* to the VCR RF input.

**NOTE:** A) In order for GUIDE Plus+ GOLD to control the VCR and the cable box, put one IR Mouse in front of the remote infrared receiver window of each device.  
 B) You must connect the VCR to the TV using audio/video connections (see page 9).  
 C) When you connect cable box and VCR as shown in the above, you must set the channel of VCR to RF output of cable box after you finished GUIDE Plus+ GOLD Setup from page 19 to page 22.

## #3 Cable Box Required but with Cable Box Video Output



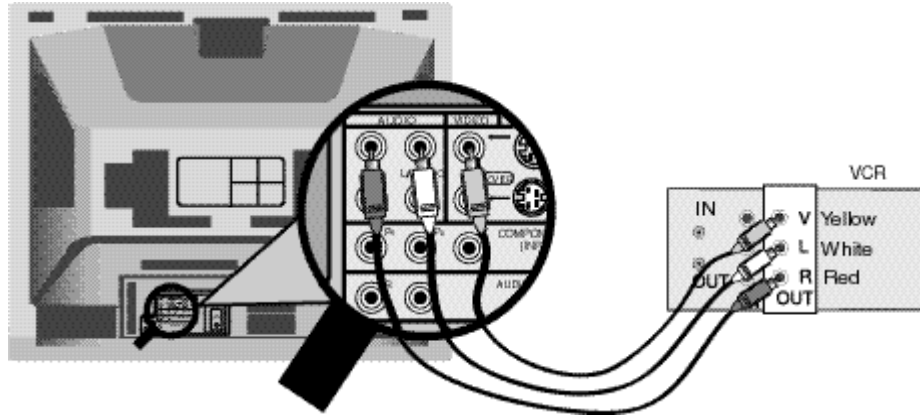
- 1) Cable wire *out* from wall, *in* to cable box RF input.
- 2) *Out* from cable box RF output, *in* to VCR RF input.
- 3) Yellow video cable *out* from cable box Video output, *in* to TV Video Input 1.
- 4) White audio cable *out* from cable box Left Audio output, *in* to TV Left Audio input jack.
- 5) Red audio cable *out* from cable box Right Audio output, *in* to TV Right Audio input jack.

**NOTE:** A) In order for GUIDE Plus+ GOLD to control the VCR and the cable box, put one IR Mouse in front of the remote infrared receiver window of each device.  
 B) You must connect the VCR to the TV Video Input 2 using audio/video connections (see page 9).  
 C) You connect the video output from cable box to Video Input 1 of the TV. If you connect to Video Input 2, it cannot download the GUIDE Plus+ GOLD data. In the GUIDE Plus+ GOLD Setup, Step 3C, you will need to set the output of cable box to "O/AUX".  
 D) When you connect cable box and VCR as shown in the above, you must set the channel of VCR to RF output of cable box after you finished GUIDE Plus+ GOLD Setup from page 19 to page 22.



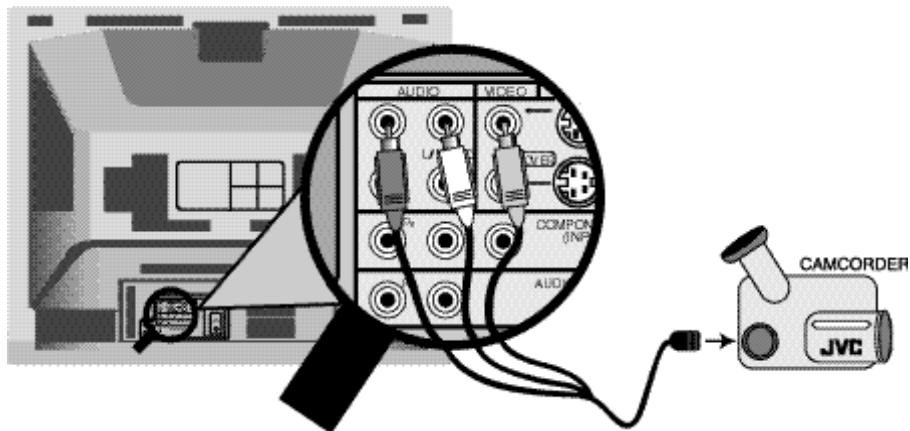
## AUDIO/VIDEO CONNECTIONS — STEREO

To get stereo sound from a hi-fi stereo VCR, you must connect it to the TV with Audio/Video cables.  
To get the best picture quality from any VCR, you should connect it to the TV with Audio/Video cables.



- 1) Yellow video cable *out* from VCR, *in* to TV Video input jack.
  - 2) White audio cable *out* from VCR Left Audio output, *in* to TV Left Audio input jack.
  - 3) Red audio cable *out* from VCR Right Audio output, *in* to TV Right Audio input jack.
- NOTE:* If your VCR is mono, it has only one audio out jack. Connect it to the TV L/Mono input.

## CONNECTING TO A CAMCORDER



- 1) Yellow video cable *out* from camcorder, *in* to TV Video input jack.
- 2) White audio cable *out* from camcorder, *in* to TV Left Audio input jack.
- 3) If you have a stereo model camcorder, connect the Red Audio cable *out* from the camcorder, *in* to the TV Right Audio input jack.

## S-VHS CONNECTIONS (FOR VCR AND CAMCORDER)

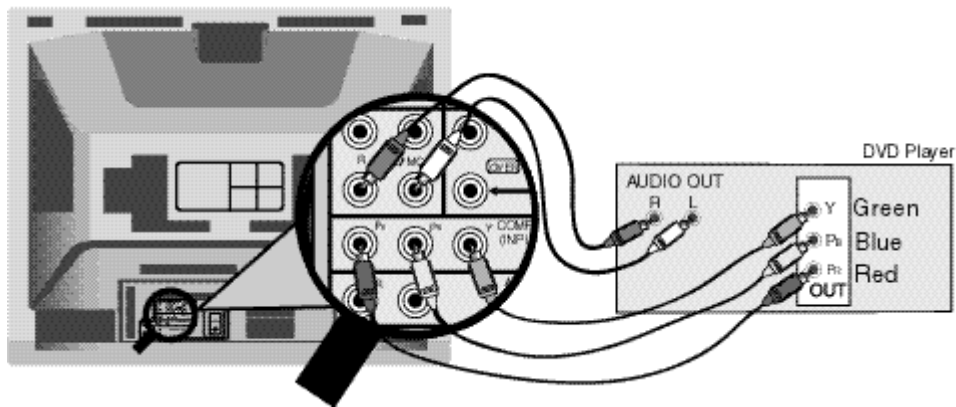
Keep the audio connections the same as for a non-S-VHS VCR or camcorder (page 9), and use the special S-VHS cable that came with the VCR or Camcorder.

- 1) S-VHS Plug *out* from VCR, *in* to TV's S-Video input.



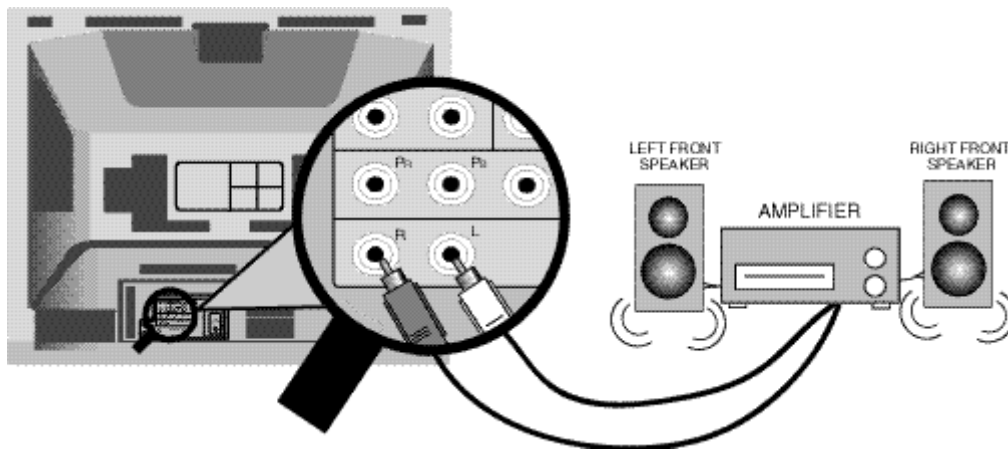
# CONNECTIONS

## CONNECTING TO A DVD PLAYER



- 1) Connect green cable *out* from DVD player "Y" component output, *in* to TV "Y" component input.
  - 2) Connect blue cable *out* from DVD player "P<sub>B</sub>" component output, *in* to TV "P<sub>B</sub>" component input.
  - 3) Connect red cable *out* from DVD player "P<sub>R</sub>" component output, *in* to TV "P<sub>R</sub>" component input.
  - 4) Connect white audio cable *out* from DVD Left audio output, *in* to TV Left Audio Input 2.
  - 5) Connect red audio cable *out* from DVD Right audio output, *in* to TV Right Audio Input 2.
- Green, blue and red are the most common colors of DVD cables. Some models may vary cable colors, please consult the user's manual for your DVD player for more information.
  - Be careful not to confuse the red DVD cable with the red audio output cable. It is best to complete one set of connections (DVD or audio output) before starting the other to avoid accidentally switching the cables.
  - Please set the COMPONENT-IN on the Initial Setup Menu to "YES" whenever you connect a DVD player.

## CONNECTING TO AN EXTERNAL AMPLIFIER

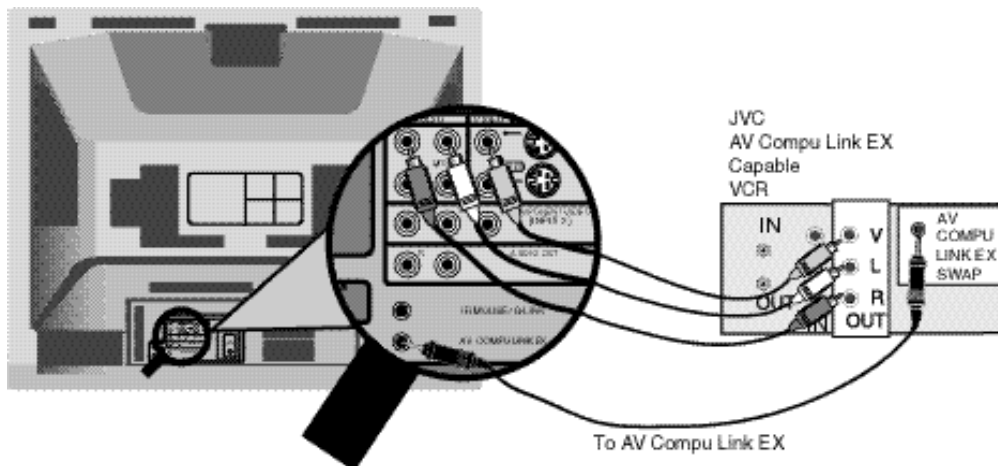


- 1) White audio cable *out* from TV Left Audio output jack, *in* to Amplifier [Left] input.
  - 2) Red audio cable *out* from TV Right Audio output jack, *in* to Amplifier [Right] input.
- NOTE:** A) Set the TV Speaker to OFF (page 42), switch the audio output to VARI (page 42), and adjust the sound with the TV remote's VOLUME button.

## CONNECTING TO JVC AV COMPU LINK EX CAPABLE COMPONENTS

AV Compu Link EX makes playing video tapes totally automatic. Simply insert a pre-recorded tape\* into the JVC brand VCR, and the VCR automatically turns on and starts playing. At the same time, the VCR sends an AV Compu Link EX signal to the television telling it to turn on and switch to the correct video input.

**NOTE:** The AV Compu Link EX cable may be included with the AV Compu Link capable accessory you intend to connect. If it is not, contact an authorized JVC Service Center for Part # EWP 805-012.



### NOTES:

- A) The AV Compu Link EX cable has a male 3.5 mm (mono) mini plug on each end.
- B) If your JVC brand VCR has A Code/B Code Remote Control Switching (see your VCR instructions), using VCR A Code will switch the TV to Video Input 1. If you use Input 1 for Video out from the cable box, use Input 2 here. Using B Code will switch the TV to Video Input 2.
- C) To connect a JVC HiFi receiver or amplifier for a completely automated home theater, see the HiFi receiver's instructions for detailed hookup diagrams.

\* In order for the VCR to start playback automatically, the recording tabs must be removed from the VHS tape. If the tab is in place, automatic switching starts when you push the VCR PLAY button.

\*\* AV COMPU LINK EX is compatible with the following 1998 receivers: RX-664V, RX-665V, RX-774V, RX-884V, RX-1024V, and later receiver models.

\*\*\* Please consult the user's manual for your JVC DVD Player on how to connect a JVC DVD Player using AV Compu Link EX.

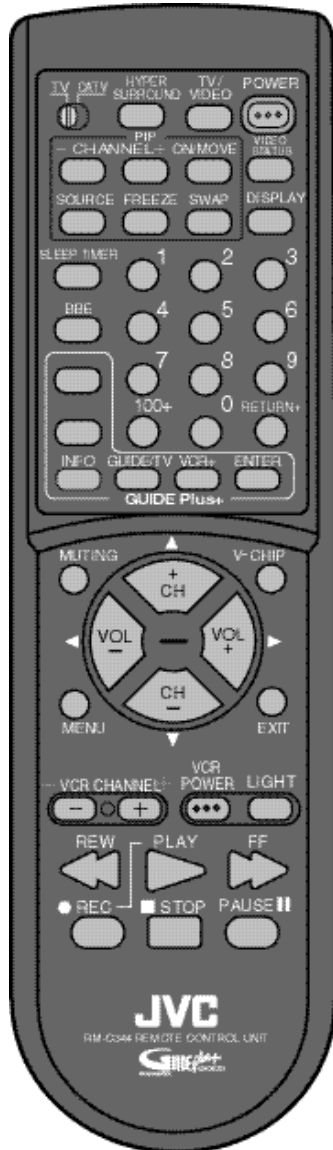


# GETTING STARTED

## REMOTE CONTROLS

# RM-C344

RM-CM344



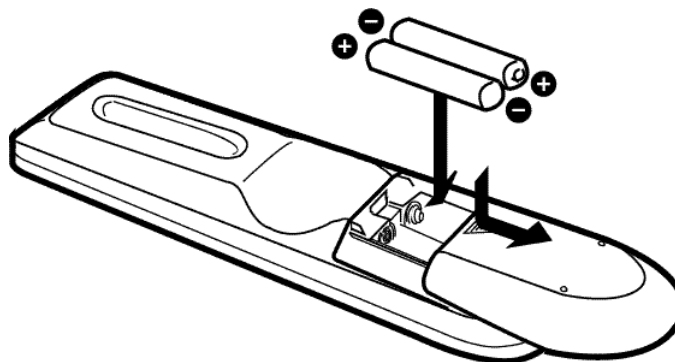
### CHANGING THE BATTERIES

Be sure to use only size AA batteries.

- 1** Push down on the remote's back cover and slide towards the bottom to remove it.
  - 2** Insert the two supplied AA batteries, carefully noting the "+" and "-" markings on the batteries and remote control. To avoid a short circuit, insert "-" end first.
  - 3** Slide the cover back into place (until it clicks into position).
- If the remote control acts erratically, replace the batteries. Typical battery life is usually about six months to one year.
  - We recommend alkaline batteries for a longer battery life.

#### Note:

When you change the batteries, try to complete the task in less than three minutes. If it takes longer than three minutes, the remote codes for your VCR and/or Cable box will have to be reset (page 14).





## POWER

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- ❑ Make sure that the TV/CATV switch is set to TV. Switch to CATV only to operate a cable box.
- ❑ Press the POWER button on the remote control or the TV front panel. The On Timer lamp will glow red.
- ❑ The first time you turn on the TV, the "Plug In Menu" will appear. You should turn to the Plug In Menu section (page 16) now to learn more about this menu.
- ❑ To turn the power off, press the POWER button again. The On Timer lamp will go out.
- ❑ When the TV is off, the OnTimer lamp remains on while the On/Off Timer function is active, but at a reduced brightness.

## ADJUSTING VOLUME

---

- 1** Use the VOLUME +/- buttons ( ◀▶ ) on the front panel or remote control. Use the VOLUME - ( ◀ ) button to lower the volume. Press the VOLUME + button ( ▶ ) raise the volume.



- 2** Press the MUTING button to instantly turn the volume off to zero. To restore the volume to the previous volume level, simply press the MUTING button again.

## CHANGING CHANNELS

---

- 1** **10 key direct access.**

Press the numbers on the remote's 10 key pad. For single-digit channel numbers press 0 then the number. For channels above 100, press the 100+ button plus the 2-digit number.

- 2** **Channel +/- buttons.**

- **To scan the channels one at a time**, press the remote's Channel + or - button and release.
- **To scan through the channels very quickly**, hold down the remote's Channel + or - button. After two channels go by at normal speed, the rest of the channels will speed by at the rate of five channels per second. You will not see pictures on the channels, only the changing channel numbers at the bottom of the screen.

- 3** **Return.**

Press and release the RETURN+ button to return to the previous channel. First, select a channel (game #1). Then, select another channel (game #2) with the 10 key pad and push the RETURN+ button to flip directly back and forth.

- 4** **Return+ .**

Press and hold down the RETURN+ button for three seconds. The message, "RETURN CHANNEL PROGRAMMED !" will appear and you can scan as you wish. Press RETURN+ again and you will go back to the Return+ channel.

To cancel a Return+ channel, press and hold down the RETURN+ button for another three seconds and the message, "RETURN CHANNEL CANCELLED !" appears.

- ❑ *Pressing a number key or turning the set off will also cancel a Return+ channel.*



# GETTING STARTED

## SETTING THE CATV & VCR CODES

Many CATV & VCR brands have more than one code. If the first code in the list does not work, try the other codes listed. If your CATV box or your VCR do not respond to any of the codes listed for the manufacturer and search code function, use the remote control for that accessory to operate it.

### CABLE BOX OR SATELLITE SETUP

The remote is programmed with the CATV and Satellite codes for power on and off, 10 key, and channel up and down.

- 1) Determine the correct code from the "CATV & Satellite Codes" chart below.
- 2) Slide the 2-Way Mode Selector Switch to CATV.
- 3) Press and hold down the DISPLAY button.
- 4) Enter the 3-digit code with the 10 key pad while continuing to hold down the DISPLAY button.
- 5) Release the DISPLAY button.
- 6) Confirm the operation of the cable box.

**Note :** If your cable box or satellite box does not respond to any code on the chart, use the Search Codes Function below.

### CATV & Satellite Codes

CABLE BOXES	CODES	CABLE BOXES	CODES	DIGITAL SATELLITE SYSTEMS	CODES
ABC	024	Puser	032	Echostar	100
Archer	032, 025	RCA	061	G.E.	106
Cableview	051, 032	Realistic	032	Gradiente	112
Citizen	022, 051	Regal	058, 064, 040, 041, 042, 045, 068	Hitachi	104, 111
Curtis	058, 059	Regency	034	HNS(Hughes)	104
Diamond	024, 032, 025	Rembrandt	037, 032, 051, 038	Panasonic	105
Eagle	029	Samsung	051	Philips	102, 103
Eastern	034	Scientific Atlanta	057, 058, 059	Primestar	108
GCBBrand	032, 051	SLMark	051, 047	RCA	106, 109, 110
Gemini	022, 043	Sprucer	051, 056	Sony	107
General Instrument	065, 024, 025, 026, 027, 020, 021, 022, 057, 023	Stargate	032, 051	Toshiba	101
Hamlin	040, 041, 042, 045	Telecaption	067	Uniden	102, 103
Hitachi	049, 024	Television	047, 051		
Jerrold	065, 024, 025, 026, 027, 020, 021, 022, 057, 023	Texscan	044		
Macom	049, 050, 051, 054	Tocom	035, 036, 066		
Magnavox	033	Toshiba	050		
Memorex	030	Unika	032, 025		
Movietime	032, 051	Universal	022, 032		
Oak	039, 037, 048	Videoway	052		
Panasonic	055, 056, 060	Viewstar	029, 030		
Paragon	063	Zenith	063, 046		
Philips	028, 029, 030, 052, 053, 031, 069	Zenith/Drake	046		
Pioneer	047, 062	Satellite			
Pulsar	051, 032				

### Search Codes Function :

- 1) Slide the 2-Way Mode Selector Switch to CATV.
- 2) Press the TV POWER and RETURN+ buttons simultaneously for more than three seconds, then release.
- 3) Press TV POWER and check if the accessory responds.
- 4) If there was a response, press RETURN+. If there was no response, repeat Step 3 until there is a response. If you repeat Step 3 more than 70 times and there is still no response, use the accessory remote.

## VCR SETUP

*The remote is pre-programmed with the VCR codes for power on and power off, play, stop, fast-forward, rewind, pause, record, and channel up and down.*

- 1) Determine the correct code from the "VCR Codes" chart (below).
  - 2) Slide the 2-Way Mode Selector Switch to TV.
  - 3) Press and hold down the DISPLAY button.
  - 4) Enter the 3-digit code with the 10 key pad while continuing to hold down the DISPLAY button.
  - 5) Release the DISPLAY button.
  - 6) Confirm the operation of the VCR.
- When you record a channel, press the PLAY button while continuing to hold down the REC button.

**Note :** If your VCR does not respond to any code on the chart, use the Search Codes Function below.

## VCR Codes

VCRs	CODES	VCRs	CODES	VCRs	CODES
Admiral	035	Magnavox	031, 023, 024, 086	Samsung	037, 060, 062, 033, 089
Aiwa	027, 032	Marantz	003, 004, 005	Sansui	003, 026, 020, 052
Akai	029, 072, 073, 074	Marta	064,	Sanyo	063, 067, 091, 071
Audio Dynamic	003, 005	Memorex	024, 067	Scott	059, 060, 062, 067, 038, 040,
Bell & Howell	063, 071	MGA	038, 040, 047, 048, 041, 042		047, 048, 026, 020
Broksonic	020, 026	Minolta	058, 045	Sears	063, 064, 065, 066, 058
Canon	023, 025	Mitsubishi	038, 040, 047, 048, 041, 042,	Shintom	075
CCE	043		078, 090	Sharp	035, 036, 080, 088
Citizen	064	Multitech	047, 027, 062	Signature 2000	027, 035
Craig	063, 029, 064	NEC	003, 004, 005, 000	Singer	075
Curtis Mathes	045, 024, 027	Olympic	024, 023	Sony	028, 029, 030, 053, 054, 055
Daewoo	043, 059, 024	Optimus	028, 021, 035, 064	SV2000	027
DBX	003, 004, 005	Orion	026, 020	Sylvania	031, 023, 024, 027
Dimensia	045	Panasonic	023, 024, 021, 022	Symphonic	027, 081
Emerson	043, 026, 077, 061, 025, 042,	Penney	024, 058, 045, 063, 003, 004,	Tashiro	064
	020, 076		005	Tatung	003, 004, 005
Fisher	063, 066, 067, 065, 071	Pentax	058, 005, 045	Teac	003, 004, 027, 005
Funai	027, 026, 020, 000	Philco	031, 024, 027, 023, 026, 020,	Technics	021, 022, 023, 024
GE	033, 045, 024		043	Teknika	024, 027, 070
Go Video	037, 051, 049, 050, 089	Philips	031, 023, 024, 086	Toshiba	059, 046, 079
Goldstar	064	Pioneer	023	Vector Research	005
Gradiente	083, 084, 081, 000, 001	Proscan	045, 058, 023, 024, 031, 046,	Wards	035, 036, 067, 044, 064
Hitachi	023, 045, 058, 027, 081		059, 060, 033, 087	Yamaha	063, 003, 004, 005
Instant Replay	024, 023	Quasar	021, 022, 023, 024	Zenith	044, 082, 064
Jensen	003	Radio Shack	033, 024, 063, 036, 067, 040,		
JVC	000, 001, 002, 003, 004, 005		027		
Kenwood	003, 004, 064, 005	RCA	033, 045, 058, 023, 024, 031,		
LXI	027, 064, 058, 065, 066, 063,		046, 059, 060, 083, 085, 087		
	067	Realistic	024, 063, 036, 067, 040, 027		

## Search Codes Function :

- 1) Slide the 2-Way Mode Selector Switch to TV.
- 2) Press the VCR POWER and RETURN+ buttons simultaneously for more than three seconds, then release.
- 3) Press VCR POWER and check if the accessory responds.
- 4) If there was a response, press RETURN+. If there was no response, repeat Step 3 until there is a response. If you repeat Step 3 more than 80 times and there is still no response, use the accessory remote.

## THE SYMBOLS USED IN THIS GUIDE

▲▼ Whenever you see up and down arrows is this book, press the MENU UP or MENU DOWN button to:

- Move vertically in the main menu,
- Move through a submenu,
- Move to the next letter, number, or other choice in a submenu, or
- Back up to correct an error, or
- Channel Up or Down

◀▶ Whenever you see left and right arrows, press the MENU LEFT or MENU RIGHT button to:

- Select the highlighted item, or
- Select the options in a submenu, or
- Volume Up or Down



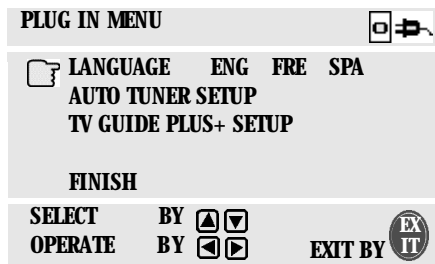
The "Press Button" means you should press that button on the remote control.



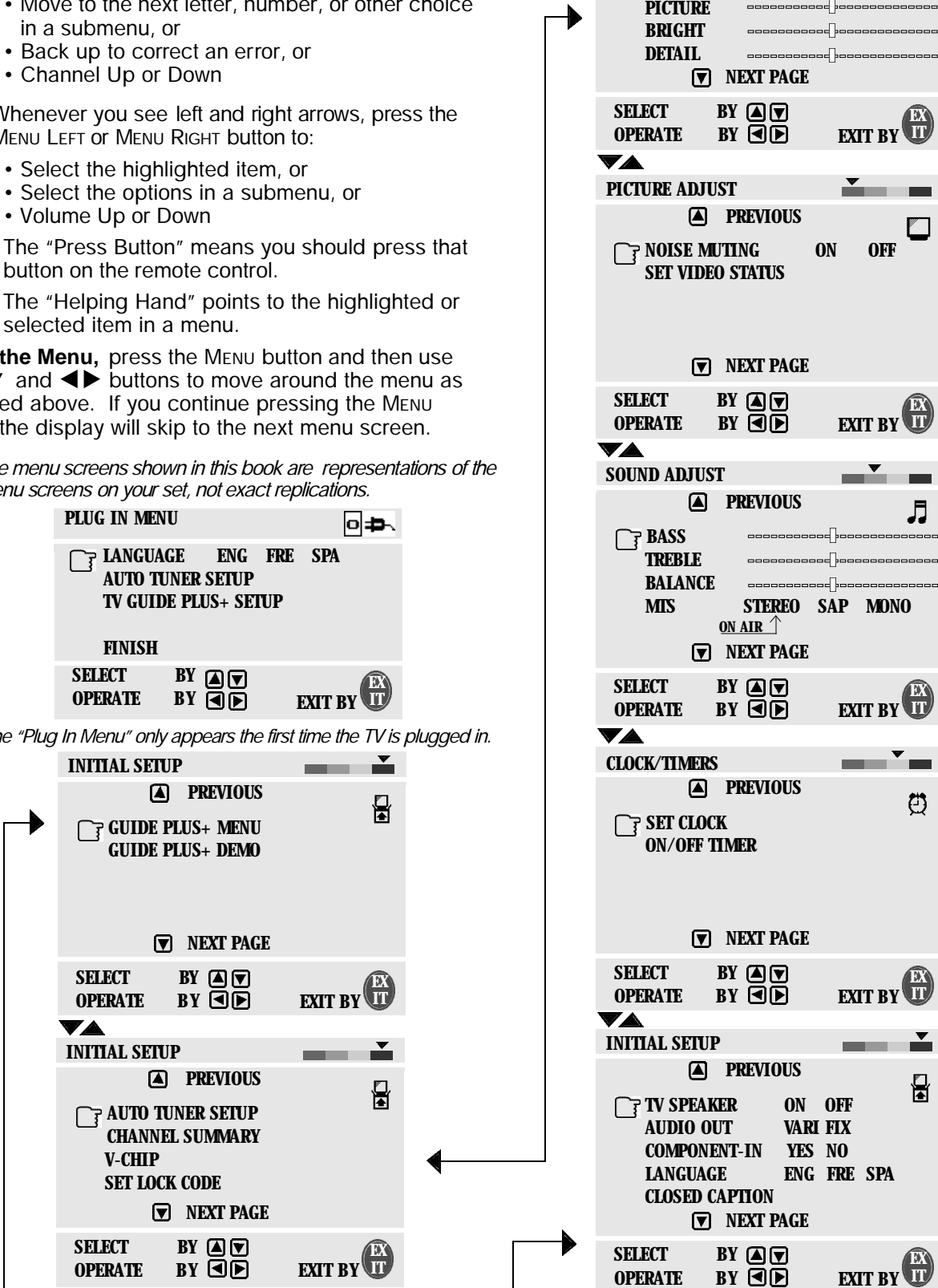
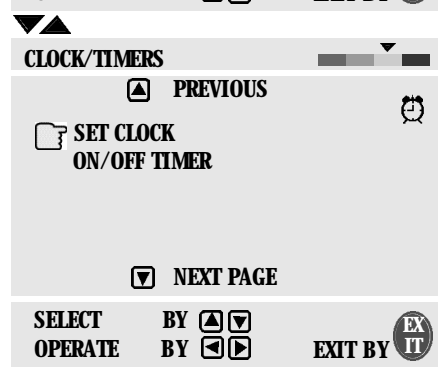
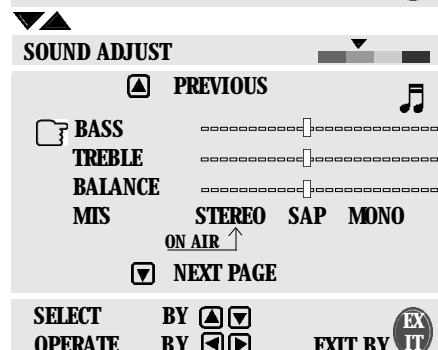
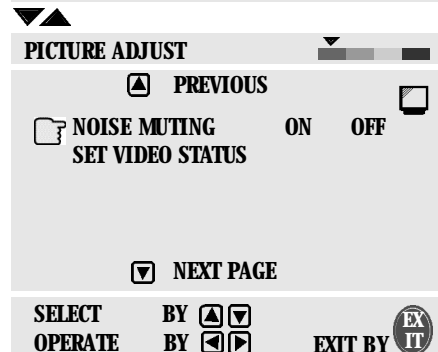
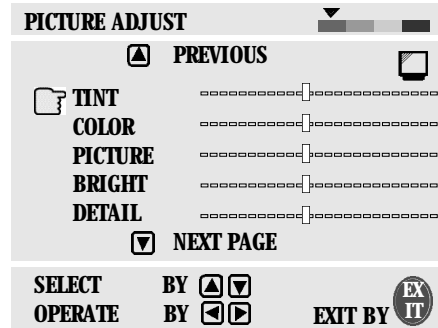
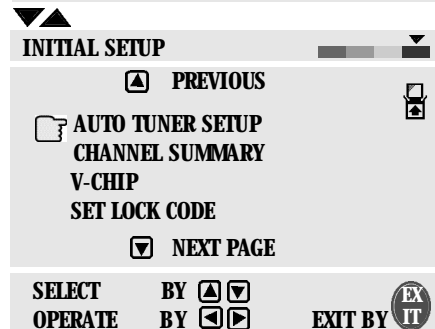
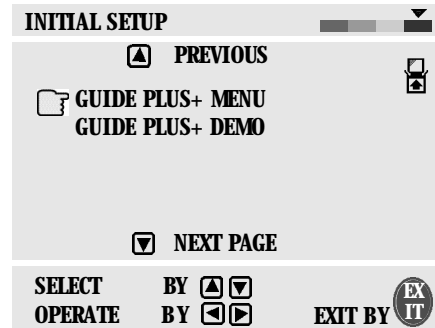
The "Helping Hand" points to the highlighted or selected item in a menu.

**To use the Menu,** press the MENU button and then use the ▲▼ and ▶◀ buttons to move around the menu as described above. If you continue pressing the MENU button, the display will skip to the next menu screen.

**Note:** The menu screens shown in this book are representations of the menu screens on your set, not exact replications.



The "Plug In Menu" only appears the first time the TV is plugged in.





## PLUG IN MENU

The Plug In Menu comes up automatically when you first turn on the TV after plugging it in. The Plug In Menu sets the default preferences for you for:

- The Language in which you want the onscreen displays to appear.
- The Auto Tuner Setup of channels to be included in scan.
- GUIDE Plus+ GOLD settings so you may begin to receive programming information.

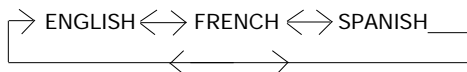
## LANGUAGE

Your JVC television allows you to choose from English, French, or Spanish on-screen menus and displays.

▲▼ To LANGUAGE

LANGUAGE    ENG    FRE    SPA

◀▶ To choose the language



**Note:** Language settings apply only to the television's on-screen menus. GUIDE Plus+ GOLD displays appear in English only.

## GUIDE PLUS+ SETUP

You must perform Guide Plus+ Setup before you can begin using the GUIDE Plus+ GOLD features.

▲▼ To GUIDE PLUS+ SETUP

◀▶ To operate

You should now turn to the section "Guide Plus+ Gold Setup", page 18 in this book, and complete the Setup steps outlined there.

## AUTO TUNER SETUP

During Auto Tuner Setup, the TV will automatically scan through all available channels and memorize the active ones so that when you scan, you do not pick up weak or noisy channels.

▲▼ To AUTO TUNER SETUP

◀▶ To operate

TUNER MODE :    CABLE    AIR  
START

◀▶ To choose CABLE or AIR

▲▼ To move to START

◀▶ To start programming

NOW  
PROGRAMMING!  
▶▶ □ ▶▶  
48

Programming takes approximately  
1 to 2 minutes

PROGRAMMING OVER!

**Note:** Noise Muting will not work while Auto Tuner Setup is working.

## FINISH

Once you have set up the items in the Plug In Menu you must select finish.

▲▼ To FINISH

◀▶ To Exit

**Note:** You can reset the preferences that you set here in the Plug In Menu via the regular JVC Menu system.

### NOTES:

We recommend that you do not exit the Plug In Menu before completing the setup so that your preferences are set right away.

If you do exit, don't panic, you can set these preferences later with the regular menu.



# GUIDE PLUS+ GOLD SETUP

## SETTING UP GUIDE PLUS+ GOLD™

Before you can start taking advantage of all the great features of GUIDE Plus+ GOLD, you need to perform the setup process. Some basic information is needed by the television so that GUIDE Plus+ GOLD will operate properly. Setting up GUIDE Plus+ GOLD is easy with simple on-screen menus and your remote control.

For the following steps you will use the up and down arrow keys and the 10-key pad on your remote. All selections are entered into the system by pressing the ENTER button on the GUIDE Plus+ GOLD section of your remote. If you make a mistake or need to change your setup information in the future, Setup can be accessed by the GUIDE Plus+ GOLD Setup option on your D800's on-screen menus. You may leave the GUIDE Plus+ GOLD Setup at any time by pressing either the GUIDE/TV or EXIT button, but Setup must be completed before GUIDE Plus+ GOLD may be used.

**Note:** The steps in Setting Up GUIDE Plus+ GOLD below are started from the Plug In Menu. If you enter Setup from another menu, a different first screen may appear (screen seen in Step 6). If this occurs, select Setup and press ENTER. You will then move to Step one shown here.

### STEP 1

First GUIDE Plus+ GOLD needs to know in which country you are located.

1. Use the up and down arrow keys on your remote to select USA or Canada.
2. Press the ENTER button to record your selection.

(After you press Enter you will automatically move to step 2.)

**Note:** Use of GUIDE Plus+ GOLD in Canada with televisions sold in the United States is not recommended. Inaccurate display of television listings may occur.



### STEP 2

Next GUIDE Plus+ GOLD needs to know your specific geographic location using your Zip Code. This allows the system to receive the correct local television listings for your area.

1. A row of dashes will appear. Using the up and down arrow keys, or 10-key pad on your remote, enter your Zip code. Press ENTER when you are done.

**Note:** If you make a mistake entering your Zip code, you can use the left and right arrow keys to move to that digit and correct it.

(After you press Enter you will automatically move to step 3.)



## STEP 3

Next GUIDE Plus+ GOLD will ask if your television is connected to a cable system.

1. Use the up and down arrow keys on your remote to select Yes or No.
2. Press the ENTER button to record your selection.

*(If you selected NO, you will automatically move to Step 4. If you selected YES, you will move to Step 3A.)*



## STEP 3A

GUIDE Plus+ GOLD will then ask if you need a cable box to receive cable broadcasts.

1. Use the up and down arrow keys on your remote to select Yes or No.
2. Press the ENTER button to record your selection.

*(If you selected NO, you will automatically move to Step 4. If you selected YES, you will move to Step 3B.)*



## STEP 3B

The following steps will make sure that GUIDE Plus+ GOLD can interact properly with your cable box.

(For more information on connecting your D-800 series television to a cable system, please see pages 7-8).

1. Tune your cable box to channel 02.
2. Using the up and down arrow keys, select your cable box brand from the on-screen list (brand names appear in alphabetical order). Press ENTER to record your selection.

*(After you press Enter you will automatically move to step 3C. For a complete list of brands available, see page 50.)*





# GUIDE PLUS+ GOLD SETUP

## STEP 3C

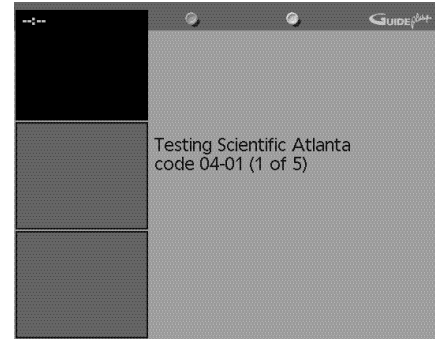
Next GUIDE Plus+ GOLD will send a test signal to your cable box. The test will switch the channel in the PIP window to channel 09.

1. GUIDE Plus+ GOLD will ask if the PIP display switched to channel 09. If the channel has changed to 09 use the up and down arrow keys to select Yes and press ENTER. If the PIP window DID NOT change to channel 09, use the arrow keys to select No and press ENTER.

*(If you selected YES, you will automatically move to Step 3D. If you selected NO, GUIDE Plus+ GOLD will repeat the test using a different code. This step may be repeated several times until the proper code is found.)*

2. If GUIDE Plus+ GOLD tests all available codes for a particular cable box and fails to find the correct one, a message will appear saying the test has failed. You may try the test again using a different manufacturer's name, or you can skip the cable box set up. If you get a message that the cable box test failed, please consult the manual that came with your cable box or contact your cable company for more information.

**Note:** *Skipping cable box setup means GUIDE Plus+ GOLD will not be able to automatically control your cable box.*



---

## STEP 3D

GUIDE Plus+ GOLD will ask you for the cable output channel. This is the channel your television must be tuned to in order for your cable box to work.

1. Use the up and down arrow keys on your remote to select the channel number or input needed to operate your cable box.
2. Press the ENTER button to record your selection.

*(After you press Enter you will automatically move to step 4.)*



**STEP 4**

Next GUIDE Plus+ GOLD will ask if your television is connected to a VCR.

1. Use the up and down arrow keys on your remote to select Yes or No.
2. Press the ENTER button to record your selection.

*(If you selected NO, you will automatically move to Step 5. If you selected YES, you will move to Step 4A.)*

**STEP 4A**

GUIDE Plus+ GOLD features the VCR Plus+ system which makes videotaping a program as easy as entering a single PlusCode number. You can also control your VCR with your RM-C344 remote control. To take advantage of these features, you must enter your VCR brand into the system.

1. GUIDE Plus+ GOLD will ask you to tune your VCR to channel 02, then turn the VCR off.
2. Next select your VCR brand name from the list using the up and down arrow keys. Once you select your VCR brand, press the ENTER button.

*(After you press Enter you will automatically move to step 4B.)*

**Notes:** For more information on connecting a VCR, please see page 9.  
For more information on VCR Plus+, please see page 33.  
For a list of VCR brands available, see page 50)

**STEP 4B**

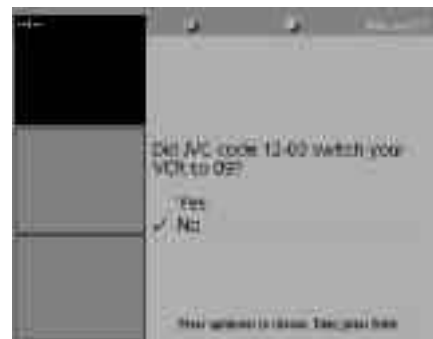
GUIDE Plus+ GOLD will send a test signal to your VCR. The test signal will change your VCR's tuner to channel 09

1. GUIDE Plus+ GOLD will ask if the VCR switched to channel 09. If the VCR has changed to 09 use the up and down arrow keys to select Yes and press ENTER. If the VCR HAS NOT changed to channel 09, use the arrow keys to select No and press ENTER.

*(If you selected YES, you will automatically move to Step 5. If you selected NO, GUIDE Plus+ GOLD will repeat the test using a different code. The test will repeat until all codes for that model have been tried.)*

2. If all the codes fail, you will get a message saying that the VCR test failed. You will be asked if you would like to repeat the VCR test using a "generic" set of codes. If you choose Yes, please go back to Step 4A and repeat. If you choose No, you will continue to Step 5.

**Note:** Skipping VCR Setup means GUIDE Plus+ GOLD will not be able to automatically control your VCR.





## STEP 5

Congratulations! GUIDE Plus+ GOLD setup is now complete. Your D800 Series television is now ready to use the GUIDE Plus+ GOLD system.

1. Press the ENTER button to continue.
2. You may see a second screen with reminders about your Cable and/or VCR connections. To continue, press ENTER again.

*(After you press Enter you will automatically continue on to step 6.)*

## STEP 6

You will now see a final menu screen. From this menu you have four options:

1. If you feel you may have made a mistake during the setup process and would like to repeat the setup, select Setup. Please turn back to Step 1 in this section and repeat the Setup process.
2. To view a demonstration of GUIDE Plus+ GOLD, select View Demo.
3. GUIDE Plus+ GOLD will automatically display whenever you turn the television on. If you would rather have a broadcast channel appear when you turn the television on, select Options and set display to Off.
4. If you feel that you have entered all the Setup information correctly, choose Exit to leave Setup.

**Cable users note:** After the data for GUIDE Plus+ GOLD is received a "channel map" is created. *If there is more than one cable company serving your local area* a screen will appear the first time you press the GUIDE/TV button (see screen at bottom right). Because different cable companies may list networks on different channels, GUIDE Plus+ GOLD needs to determine which set of channels matches your cable system. You will be presented channel choices for each network. Using the left or right arrow keys, select the set which matches the channel lineup for your cable system. GUIDE Plus+ GOLD can now complete its "channel map" for your television.



### Guide Plus+ Gold Setup Notes

After Setup is complete, it may take up to 24 hours for GUIDE Plus+ GOLD to receive its initial download of programming information. The GUIDE Plus+ GOLD menus will not be available until this first download is complete. After the initial download, your television will regularly automatically update the programming information.

If you use a cable box, the TV power must be off for the data download to work.

If you need to change your Setup options (for example if you move to a new location), you can access the Setup routine through the GUIDE Plus+ GOLD menu screen or from the regular JVC Menu system from the GUIDE PLUS+ menu screen. You can make changes to your Setup options at any time.

## INTRODUCTION

In this section you will learn how to use the features of your GUIDE Plus+ GOLD system. From easy to read program listings, to sorting your view choices by category, to one-touch VCR recording, watching television will never be the same.

**Notes:** If you have not already done so, please run the GUIDE Plus+ GOLD Setup beginning on page 18. Setup must be complete before the GUIDE Plus+ GOLD features will work.

To operate GUIDE Plus+ GOLD, the TV/CATV switch on your remote control must be set to "TV".

Below is a sample GUIDE Plus+ GOLD screen with some of the features identified (*Grid screen shown*).



**PIP Window** - This window displays the program that was on-screen when GUIDE Plus+ GOLD was activated. If you select another channel or program from a GUIDE Plus+ GOLD menu, it will appear in this window.

**Note:** PIP image will not display if program exceeds V-Chip ratings (for information on V-Chip, see page 35.) or if the channel is locked (see "Channel Guard", page 34).

**Summary Window** - This area displays any additional information from a highlighted choice on a menu. For example on this screen, a brief description of a television show will appear here when a show is highlighted in the TV listing Grid.

**GUIDE Plus+ GOLD Toolbar** - This toolbar shows the different functions available from GUIDE Plus+ GOLD. Each of these functions will be described later in this section.

**Menu (Programming Grid shown)** - This is an example of one of the menus that will appear in GUIDE Plus+ GOLD. This Grid feature menu shows television listings in one-hour blocks. For more on the Grid feature, see page 24.

**Information Windows** - These two windows are used to display additional programming information.

**Buttons** - The two buttons (one blue, one green) at the top of the screen correspond to the blue and green buttons on your remote control. They will be used for different features on different function screens.



# GRID

Grid shows you television listings on an easy-to-read, interactive display. By highlighting a program, you can get a brief summary of that show, with information including the V-Chip rating. Highlight a station and view what shows will be playing on that for the entire day. You can also command your VCR to tape a program with the push of a single button.



Press the **GUIDE/TV** Button

A Grid listing the television programs for your area will appear. The listings will begin with the half hour block closest to the current time (for example at 8:03pm the display will start with the 8:00pm listings). Listings will be available for three days into the future. You can move to different times or stations using the arrow keys on your remote control.

◀▶ To move to the next or previous half-hour time block

▲▼ To move to the next or previous station listing

You can also move directly to a channel's listing by entering the channel number with the 10-key pad.



Input the channel number (i.e. 13) and press **Enter**

As you move to different stations, they will appear in the PIP window. You may also view the entire day's listings for a specific channel. To view one channel's listings highlight a program from that channel on the programming grid.



Press the **INFO** Button

A listing of the day's programming on that channel will appear. To return to the programming grid, press **INFO** again.

You can also "lock" the PIP window, so that it remains set on one channel as you scan through the listings menu.

◀ Move to the network logo column

▲▼ To move to the channel you want locked in the PIP window.



Press the **BLUE** Button

PIP will remain on the selected channel as you move through the listings menu. To unlock the PIP window, move back to the network column and press the **BLUE** button again.

Once you have found a program you would like to watch, you can tune directly to that channel.



Press the **ENTER** Button

The television will leave the programming grid and tune to the highlighted channel.



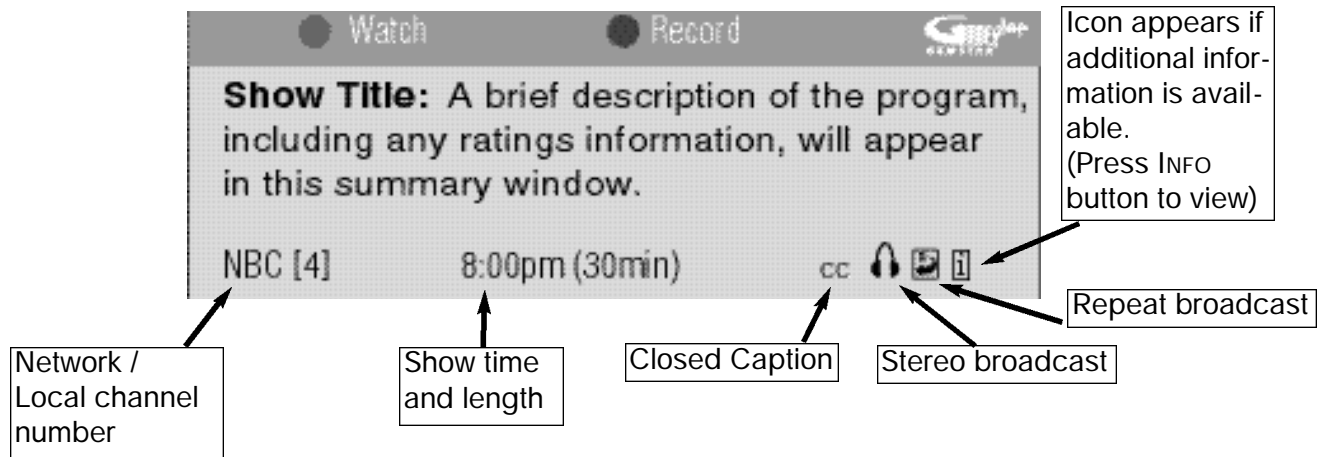
**Direct Entry Note:** If you have a cable box which has two inputs (A and B), after inputting a channel number, you must select the proper input (A or B) with the arrow keys, then press enter.



## GRID

### Summary Window

The summary window on the GUIDE Plus+ GOLD grid screen displays a brief description of programs you highlight from the programming Grid. In addition to a summary of the show, it displays information such as V-Chip rating, if Closed Captioning is available and if it is a stereo broadcast.



### Watch

You can program the television to tune in to a certain program at a certain time with the Blue button. Select a program from the program listings grid, then press the Blue button.



BLUE

Your program is now scheduled to Watch one time. To change this so that this program is tuned in daily or weekly, press the Green button. This will move you to the Schedule screen (for more on the Schedule feature, see page 29). If the TV is turned off at the time of a programmed show, the power will come on automatically and the television will tune to the programmed channel. After the program ends, the television will shut off automatically if no other operations are performed.

- ▲ To move the GUIDE Plus+ GOLD toolbar to select a different function, or



GUIDE/TV, to return to normal television viewing.

### Record

Once you have highlighted a program from the TV listing grid, you can automatically program the television to record. With the program highlighted, press the Green button on the remote control.



GREEN

Your program is now scheduled to Record one time. To change this so that this program is recorded daily or weekly, press the Green button. This will move you to the Schedule screen (for more on the Schedule feature, see page 29).

- ▲ To move the GUIDE Plus+ GOLD toolbar to select a different function, or



GUIDE/TV, to return to normal television viewing.

#### Notes:

The same programming method can also be accessed by pressing the VCR+ button.



Shows programmed to Watch will appear in orange on the programming grid. Shows programmed to Record will appear in red. If one channel is shared by two stations, programmed events for that channel may not change color on the programming grid.

A program will not register to Watch or Record if its time overlaps with an event already programmed.



## SORT

Sort lets you organize the GUIDE Plus+ GOLD listings so that you can find your favorite type of program quickly and easily. You may sort your programs by three main categories and numerous "sub-themes", all with a few simple buttons on your remote control. You can even see what's coming on in your selected categories up to eight days into the future.

-  Press the GUIDE/TV Button
-  Press the MENU Button to access the toolbar


◀▶ To Sort

Three theme options will appear below the GUIDE Plus+ GOLD toolbar. Select the theme of programming you wish to view.

◀▶ To Movies, Sports, or Children

A menu listing the sub-themes for your choice will now appear below the main theme you selected. Using the up and down arrows, now select the sub-theme of programming you wish to view.


- ▲▼ To move to Sub-theme
  - Sub-themes will vary depending on the category you select.

 Press the ENTER Button

A grid will now appear listing the programs that match your theme and sub-theme choice. Use the up and down arrows to select a specific program. Use the right and left arrows to move to a different day. You can view listings for programs up to eight days in the future.

- ▲▼ To move to a specific Program
- ◀▶ To move to a different day.


When highlighted, a summary of the program will appear in the summary window. Additional information, including ratings, program length, and pluscode number can be displayed.


 Press the INFO Button



## SORT

Once you have selected a program you can set your television to either Record or Watch.

 Press BLUE Button to Watch a program from the Sort list.

 Press the GREEN Button to Record a program from the Sort list.


(See page 25 for more on the Watch and Record commands.)

After programming the television to Watch or Record a program, you may select another program from the list.

▲▼ To move to a specific Program

You may also repeat the Sort command using a different theme and sub-theme.

▲ To move to Sort on the GUIDE Plus+ GOLD toolbar, or

 Press the GUIDE/TV Button to return to normal television viewing.

### Notes:

The Sort feature will display programs up to eight days in the future.

If there are no programs in the next eight days for the sub-theme you choose, the Sort list will be empty.





## NEWS

The News feature helps keep you keep up with what's happening. GUIDE Plus+ GOLD will display the day's top news stories right on your TV screen. Select a topic from a list of headlines, then read the story on your TV. Choose from News, Sports, and Business stories, updated 24 hours a day.



Press the GUIDE/TV Button



Press the MENU Button to access the toolbar



To News

A list of headlines will now appear. Move through the list using the up and down arrows on your remote. As you highlight a headline, a summary of the story will appear in the summary window.



To move to a specific headline from the list



To read the full text of a highlighted headline.

The full text of the story will now appear. You can use the up and down arrows to move to additional screens of text or the right and left arrows to move to a previous or next story from the headline list



To move to another screen of text in the story



To move to the previous or next story, or



Press the INFO Button to flip between the list of headlines and story text display.

### Notes:

News data is received via the MSNBC network on cable. If you receive MSNBC, real-time news updates will be available 24 hours a day.




PIP will automatically change to MSNBC when you access the News feature.

If you do not have access to MSNBC, news updates will be received twice daily during the GUIDE Plus+ GOLD information downloads.




## SCHEDULE





Schedule lets you review what events are programmed into your television. Events can be shows you have set to record, or times you have set for your television to turn to a specific program. You can make changes to programmed events from the schedule menu.

-  Press the **GUIDE/TV** Button
-  Press the **MENU** Button to access the toolbar
-  To **Schedule**




A list of any scheduled events will appear.

-  To move through Schedule list

Once you have selected a program from the Schedule list you have several options:

-  Press the **GREEN** Button to change how often a program is watched or recorded. You may select once, weekly, or daily.
-  Press the **BLUE** Button to remove the program from the scheduled list. This will cancel the recording or viewing of that program.
-  Press the **INFO** Button to view a full summary of the selected program, including length of program and ratings information.
-  Press the **ENTER** Button to tune the PIP window to the channel of the selected program.

Once you have finished with a program from the Schedule list, you may move to a different program, move to a different **GUIDE Plus+ GOLD** feature from the toolbar, or return to normal television viewing.

-  To move to a different program in the Schedule list, or
-  Press the **MENU** Button to move to the **GUIDE Plus+ GOLD** toolbar, or
-  Press the **GUIDE/TV** Button to return to normal television viewing.

**Note:** If there are no events scheduled, this screen will be blank.





## MESSAGES

Messages may sometimes be received by your GUIDE Plus+ GOLD system. These messages may contain information about the operation of your GUIDE Plus+ GOLD system. They may be read from this menu option.



Press the GUIDE/TV Button



Press the MENU Button to access the toolbar



To Messages

A grid will appear listing all the messages you have received.



To move through the message list

The text of the highlighted message will be displayed in the summary window.

**Note:** If no messages have been received, this screen will be blank.

You may delete messages once you have read them. Highlight the message you wish to delete from the message list.



Press the REMOVE (BLUE) Button

**Note:** The television will come from the factory with one message already in its memory. This is the GUIDE Plus+ GOLD ID number for your specific television. Because this number may be needed for future reference, this message cannot be deleted.

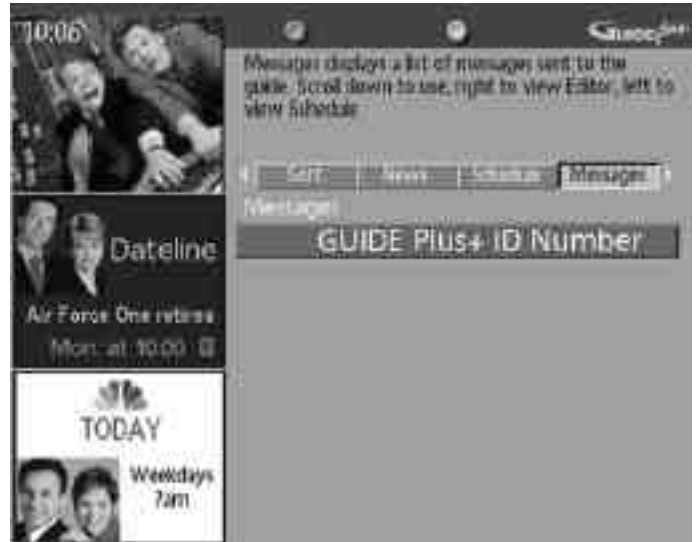
Once you have finished reading your messages, you have two options:



Press the MENU Button to access the toolbar



Press the GUIDE/TV Button to return to normal television viewing.



## EDITOR

Use the Editor feature to make changes to your GUIDE Plus+ GOLD program line up. Since cable systems may include dozens of stations, Editor allows you to turn the display of information for any channel on or off. It is especially useful for turning off stations you do not watch.



Press the GUIDE/TV Button



Press the MENU Button to access the toolbar



To Editor

The current channel listing for GUIDE Plus+ GOLD will appear.



To move through the channel list

To turn the display (Grid, Sort, etc.) for a station on or off.



Press the GREEN Button

You can also use the Channel Editor to change the channel number of a specific station. For example if your cable system moves PBS from channel 13 to channel 08 you can make the correction to your station listings with the Channel Editor.

To change the channel number of a specific station:



To move through the channel list



10 Key pad to enter the new channel number. (For example to change PBS to channel 08, press "0" and "8").

**Note:** If you have a cable box with two inputs (A and B) you must select an input (A or B) with the arrow keys after entering a channel number.

The new channel number is saved automatically.

If you make a mistake while using Channel Editor, or decide you would like to go back to your old settings, you can restore the previous Channel Editor settings.

To restore your previous Channel Editor settings:



Press the BLUE Button

### Notes:

Channels that are "turned off" in Channel Editor will still be received by the television. To stop the reception of a channel, see "Channel Summary", page 34.




Any changes made to the Editor screen may be cancelled while the screen is displayed. Once you leave Channel Editor, those settings are saved and cannot be cancelled. Any previous settings would have to be restored manually (i.e. inputting the previous channel number).






## SETUP

The final option on the GUIDE Plus+ GOLD toolbar lets you access the Setup program. You can change any of the information you have previously entered during setup at any time. This is especially useful if you move to a new location or if you add a new piece of equipment to your television system

-  Press the GUIDE/TV Button
-  Press the MENU Button to access the toolbar
-  To Setup

Move to the option you wish to select using the arrow keys.


-  To move to the option you wish to select

If you need to change your Setup information, select Setup. Please turn to page 18 in this book, "GUIDE Plus+ GOLD Setup" for further information on using the Setup menus.

If you would like to view a Demo of GUIDE Plus+ GOLD, select View Demo.

**Note:** Viewing a Demo of GUIDE Plus+ GOLD may cause downloaded programming data to be erased. If this happens, the data will download again within 24 hours.

If you do not want GUIDE Plus+ GOLD to display automatically when you turn on the television, select Options.

-  Press the ENTER to input your selection.

**Note:** You may exit the Setup at any time by pressing the GUIDE/TV button on your remote control.






## BUTTON FUNCTIONS

Quick reference for the GUIDE Plus+ GOLD buttons on your remote control.

### INFO

If additional information about an item is available this icon  will appear. To access this added information, use the INFO button.



INFO

### GUIDE/TV

Use this button to enter and exit the GUIDE Plus+ GOLD system.



GUIDE/TV

**Note:** This button may be pressed at any time while in the GUIDE Plus+ GOLD system .

### ENTER

The ENTER button inputs items highlighted from the menus into the GUIDE Plus+ GOLD system. Pressing ENTER will activate your choice.



ENTER

### GREEN BUTTON

Press this button to activate the function described next to the green button at the top of the GUIDE Plus+ GOLD screens.



GREEN

**Note:** Button function will vary between screens.

### BLUE BUTTON

Press this button to activate the function described next to the blue button at the top of the GUIDE Plus+ GOLD screens.



BLUE

**Note:** Button function will vary between screens.

### VCR+

GUIDE Plus+ GOLD gives you the option of one-touch programming of your VCR with VCR Plus+. Simply press the VCR+ button.



VCR+

A screen will appear asking you for the PlusCode for the program you wish to record. (PlusCodes can be found on the program Grid feature or in your local television listings).

Using the 10-key pad on your remote, enter the PlusCode that goes with the show you want to record. Then press ENTER.



10-KEY PAD

Enter all digits of the PlusCode (can be from 3 to 8 numbers long)



ENTER

The Schedule window will now appear.



The program matching the PlusCode you entered will now appear on the Schedule list.



GUIDE/TV to return to normal television viewing, or

▲▼ To move to GUIDE Plus+ GOLD toolbar and other functions.

### Notes:

To record, your VCR must be off.

For more information on the Schedule feature, see page 29.

### NOTES:

If your cable box has two antenna terminals and you connect to this television through the antenna B terminal, you cannot timer-program with PlusCodes.

While the GUIDE Plus+ GOLD menu screen is displayed, you can move to the toolbar by pressing the MENU button.



# INITIAL SETUP

## NOTES:

Initial Setup Menu items:

- Auto Tuner Setup, and
- Language are described in detail in the Plug In Menu section

In the Channel Summary:

To move up and down a column (e.g. from channel to channel) use the CHANNEL-/+ button

To move from item to item (e.g. from channel number to scan to lock) use the MENU UP/DOWN buttons.

## CHANNEL SUMMARY

You can add or delete channels from channel scanning. You can also lock out any "unauthorized" viewers from one or up to 125 channels.



Press the MENU Button



To CHANNEL SUMMARY



To operate

**Note:** Noise Muting will not work while you are in the Channel Summary menu.

## SCAN

You can manually set channels to scan that were too weak to be picked up during Auto Tuner Setup. Conversely, if a channel was too weak to receive a good picture but was picked up anyway, delete it by removing the . (If you have not performed the Auto Tuner Setup described on page 15, do so now.)

CHNO	SCAN		CH NO	SCAN	
01			06		
02	WCBS		07	WABC	
03			08		
04	WNBC		09	WOR	
05	WNYW		10		



To the SCAN column



To include or delete from scan



EXIT when finished

**Note:** Channels set to scan will be marked with an .

**Note:** Some cable systems experience interference from radio frequencies on Cable Channel 95. If you like, you can delete this channel from scanning by removing the .

## CHANNEL GUARD - LOCK



To CHANNEL SUMMARY



To operate

## CHANNEL GUARD - LOCK (Continued)

CHNO	SCAN		CH NO	SCAN	
01			06		
02	WCBS		07	WABC	
03			08		
04	WNBC		09	WOR	
05	WNYW		10		



To the Lock column



The access code zero (0) to lock or unlock that channel



EXIT when finished

## CHANNEL GUARD MESSAGE:

This message appears when a viewer attempts to watch a guarded channel :

**THIS CHANNEL IS LOCKED BY  
CHANNEL GUARD.  
PLEASE ENTER LOCK CODE BY  
10 KEY PAD TO UNLOCK IT**  
NO. - - - -

To watch a channel you have locked, enter the lock code using the 10 key pad. If the wrong lock code is entered, this message will appear:

**INVALID LOCK CODE !**

**Note:** See "Set Lock Code", for more information.

## GUIDE PLUS+ MENU

You can use this option to access the Setup menus for the GUIDE Plus+ GOLD system.



Press the MENU button



To GUIDE PLUS+ MENU



To enter menu system.

For information on the GUIDE Plus+ GOLD Setup menus, please turn to page 18.

## GUIDE PLUS+ DEMO

A demonstration of GUIDE Plus+ GOLD is programmed into your television. You can access the demo, through this option.



Press the MENU button



To GUIDE PLUS+ DEMO



To enter the demo.

For information on the GUIDE Plus+ GOLD Demo, please turn to page 22.

Continued above...

## V-CHIP

Your TV is equipped with V-Chip Technology which enables TV Parental Guideline and Movie (MPAA) Guideline controls. V-Chip technology allows you to program your TV to receive, or not receive, programs based on content according to the guidelines.

When a viewer attempts to watch a blocked channel this message appears:

**THIS PROGRAMMING EXCEEDS  
YOUR RATING LIMITS.  
PLEASE ENTER LOCK CODE BY  
10 KEY PAD TO UNLOCK IT.**  
NO. - - - -

To watch a channel you have locked, enter the lock code using the 10 key pad.

## To set up the TV Parental Guideline Ratings...



Press the MENU button



To V-CHIP



To operate (Lock icon appears)



Press ZERO to access V-Chip menu

**V-CHIP ON OFF  
SET TV RATINGS  
SET MOVIE RATINGS  
UNRATED VIEW BLOCK**  
**FINISH**



To turn V-Chip ON or OFF



To move to SET TV RATINGS

	TV MA	TV 14	TV PG	TV G	TV Y7	TV Y
V/FV	—	—	—	—	—	—
S	—	—	—	—	—	—
L	—	—	—	—	—	—
D	—	—	—	—	—	—

## VIEWING GUIDELINES

- V/FV is for VIOLENCE / FANTASY VIOLENCE
- S stands for SEXUAL CONTENT
- L stands for strong LANGUAGE
- D stands for suggestive DIALOG

## U.S. PARENTAL RATING SYSTEMS

**Programs with the following Ratings are appropriate for Children.**

### TV Y is Appropriate for All Children.

Programs are created for very young viewers and should be suitable for all ages, including children ages 2 - 6.

### TV Y7 is for Older Children.

Most parents would find such programs suitable for children 7 and above. There may exist some mild fantasy violence or comedic violence. Children should be able to discern reality from fantasy.

**Programs with the following Ratings are appropriate for the entire audience.**

### TV G stands for General Audience.

Most parents would find these programs suitable for all age groups. They contain little or no violence, no strong language, and little or no sexual dialog or situations.

### TV PG Parental Guidance Suggested.

May contain some, but not much, strong language, limited violence, and some suggestive sexual dialog or situations. It is recommended that parents watch these programs first, or with their children.

### TV 14 Parents Strongly Cautioned.

Programs contain some material that may be unsuitable for children under the age of 14 including possible intense violence, sexual situations, strong coarse language, or intensely suggestive dialog. Parents are cautioned against unattended viewing by children under 14.


### TV MA Mature Audiences Only.

These programs are specifically for adults and may be unsuitable for anyone under 17 years of age. TV MA programs may have extensive V, S, L, or D.



# INITIAL SETUP





## Directions to Block Viewing:

Line up the cursor in the column (TV PG, TV G, etc.) with the content row (V/FV, S, etc.) and press the ▲ or ▼ to move the cursor to the correct location, and press ◀ or ▶ to turn the locking feature on or off. An item is locked if the  icon appears instead of a "—".

**An example.** To block viewers under 14 from all shows:

Move the cursor to the top row of that column and add a lock icon. Once you've put a lock on the top row, everything in that column is automatically locked.

- ▲▼ To the TV 14 Column
- ◀▶ To turn on the lock

	TV MA	TV 14	TV PG	TV G	TV Y7	TV Y
V/FV	—		—	—	—	—
S	—		—	—	—	—
L	—		—	—	—	—
D	—		—	—	—	—



Press EXIT when done

**Note:** If you want to change the setup, move the cursor to the top column and change to "—" and then you can select individual categories to block.

## Special Notes about V-Chip:

- 1) Some programs do not have a rating signal, therefore, even if you setup V-Chip, those programs will not be locked. Parents are cautioned to preview the contents of these programs or movies.
- 2) Canadian Viewers. V-Chip function is based on specifications for the US and therefore may not work properly in Canada.

## To set up Movie Ratings...




Press the MENU button



To V-CHIP



To operate (Lock icon  appears)



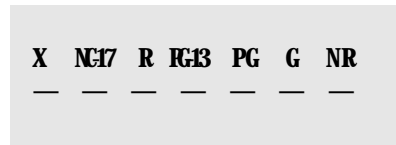
Press ZERO to access V-Chip setup options



To SET MOVIE RATINGS



To enter movies menu



### NR - Not Rated.

This is a film that has no rating. In many cases these films were imported from other countries. Other NR films may be from amateur producers who didn't intend to have their film widely released.

*NR (Not Rated) Programming may contain all types of programming including children's programming, foreign programs, or adult material.*

### G – General Audience.

In the opinion of the review board, these films contain nothing in the way of sexual content, violence, or language that would be unsuitable for audiences of any age.

### PG – Parental Guidance.

Parental Guidance means the movie may contain some contents such as mild violence, some brief nudity, and strong language. The contents are not deemed intense.

### PG-13 – Parents Strongly Cautioned.

For parents with children under 13, they are cautioned that the content of movies with this rating is more explicit in sexual, language, and violence content than PG.

**R Restricted.**

These films contain material that is explicit in nature and is not recommended for unsupervised children under the age of 17.

**NC-17 No One Under 17.**

These movies are considered what most parents would feel is too adult for their children to view and can consist of strong language, nudity, violence, and suggestive and explicit subject matters.

**X No One under 18.**

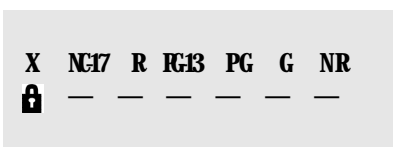
Inappropriate for anyone under 18.

**Directions to Block Movie Viewing:**

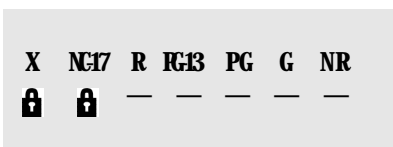
In order to block viewers from any or all of these sorts of contents, press the ▲ or ▼ to move the cursor to the correct location, and press ◀ or ▶ to turn the locking feature on or off. An item is locked if the con appears instead of a “—”.

To block viewers under X and NC-17 rated from shows:

- ▲▼ To the X Column
- ◀▶ To turn on the lock



- ▲▼ To the NC-17 Column
- ◀▶ To turn on the lock



Press EXIT when done

**Notes About Unrated Programs:**

Unrated programming refers to any programming that does not contain a rating signal. Programming on television stations which do not broadcast ratings

signal will be in the “Unrated Programming” category.

Examples of Unrated programs:

- Emergency Bulletins
- Locally originated programming
- News
- Political Programs
- Public Service Announcements
- Religious Programs
- Sports
- Weather
- Some Commercials

**Note:** TV programs or movies that do not have rating signal will be blocked if the Unrated Category is set to LOCK.

**Directions to Block Unrated Programs:**

You can block programs that are not rated.



Press the MENU button



To V-CHIP



To operate

Press ZERO to access V-Chip setup options



To UNRATED



To View or Block



Press EXIT when done

**Special Notes about V-Chip:**

- 1) In order for V-Chip settings to take effect, **V-Chip settings must be turned ON in the V-Chip menu (page 18).**
- 2) You can automatically unblock all of your restrictions by turning V-Chip settings OFF in the V-Chip menu (page 18).
- 3) You can always unblock a restriction by re-entering the V-Chip menu and removing the lock icon.



# INITIAL SETUP

## Accessing V-Chip Information:

To access Rating information about a certain program, press the V-CHIP button while viewing that program, this appears:



If you decide you want to block this category of viewing, press "0" while the above screen is visible, and all programs from that category will be locked.

### Example 1:

If you want to set your V-Chip settings to block *all* programming above TV PG:



Press 0 (zero) when TV-PG is displayed

	TV MA	TV 14	TV PG	TV G	TV Y7	TV Y
V/FV	🔒	🔒	🔒	—	—	—
S	🔒	🔒	🔒	—	—	—
L	🔒	🔒	🔒	—	—	—
D	🔒	🔒	🔒	—	—	—

All Programming above TV PG will be blocked!

### Example 2:

If you want to set your V-Chip settings to block all programming above a current setting such as TV PG-V (with violence):



Press 0 (zero) when TV-PG - V is displayed

	TV MA	TV 14	TV PG	TV G	TV Y7	TV Y
V/FV	—	—	🔒	—	—	—
S	—	—	🔒	—	—	—
L	—	—	—	—	—	—
D	—	—	—	—	—	—

All Programming above TV PG with Violence will be blocked!

## Note:

For Childrens programming you can block TV-Y and Y programs by Pressing "0" when Y is displayed during a program. Programming for audiences other than children's audiences will not be affected.

## SET LOCK CODE

The Lock Code locks and unlocks Channel Guard and V-Chip settings. Write this four digit number down and keep it safe!



Press the MENU button



To SET LOCK CODE



To operate



The padlock icon appears



ZERO (the access code is zero)



To choose the number



To move to the next place

Continue to follow these directions for all four numbers



To FINISH



To save settings and exit

## Notes:

If you forget the Lock Code you can set another one this same way.

After a power interruption you must reset the lock code.

## TINT

*Adjust the levels of red and green.*



Press the MENU Button



To TINT



To accentuate green



To accentuate red



To move to the next

## COLOR

*Adjust both the vividness and subtlety of the color.*



Press the MENU Button



To COLOR



To make colors more vivid



To subdue colors



To move to the next

## PICTURE

*Picture allows you to adjust the picture's range of black and white.*



Press the MENU Button



To PICTURE



To increase contrast



To decrease contrast



To move to the next

## BRIGHT

*Adjust the degree of light and dark.*



Press the MENU Button



To BRIGHT



To lighten the picture



To darken the picture



To move to the next

## DETAIL

*Adjust the level of detail in the picture.*



Press the MENU Button



To DETAIL



To make the picture sharper



To make the picture smoother



To move to the next

## NOISE MUTING

*Inserts a blue screen and eliminates noise from channels that are not broadcasting or are too weak.*



Press the MENU Button



To NOISE MUTING



To turn ON/OFF

**Note:** Noise Muting will not work when you operate the Auto Tuner Setup or Channel Summary.

## SET VIDEO STATUS

*Save a set of Picture Settings and access later as "Choice".*



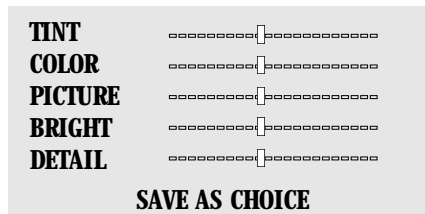
Press the MENU Button



To SET VIDEO STATUS



To operate



To operate the TINT option



To move to the next option

*Repeat the above steps to set each option.*



To SAVE AS CHOICE



To save settings and exit

**Note:** Access your "Choice" settings by pressing the VIDEO STATUS button on the remote control.

### NOTES:

*To exit the Picture Adjust menu at any time press the EXIT button.*



# S O U N D A D J U S T

**NOTE:**

*MTS has no effect on normal sound broadcasts.*

## BASS

*The Bass level adjustment feature allows you to raise or lower the level of lower frequencies in the TV's sound.*



Press the MENU Button



To BASS



To emphasize bass



To reduce bass



To move to next

## TREBLE

*The Treble level adjustment feature allows you to raise or lower the level of higher frequencies in the TV's sound.*



Press the MENU Button



To TREBLE



To emphasize treble



To reduce treble



To move to next

## BALANCE

*The Balance adjustment feature allows you to center the TV's sound to your needs.*



Press the MENU Button



To BALANCE



To shift the speaker balance to the right



To shift the speaker balance to the left



To move to next

## MTS (Multi-Channel Television Sound)

*MTS technology gives you a choice among stereo, mono, and Second Audio Programs (SAP).*



Press the MENU Button



To MTS



Select the mode

MIS   STEREO   SAP   MONO  
ON AIR ↑

*(The ON AIR arrow tells you if the current signal contains Stereo or SAP)*

**Note:** Keep the TV in STEREO mode to get the fullest sound quality.

**Note:** SAP will allow you to hear an alternative soundtrack, if available.

**Note:** Choose MONO to reduce excess noise in a program or channel.

### Some Sound Advice

You can tell if a program is broadcast in stereo by the position of the ON AIR arrow in the MTS menu. Unfortunately, it is common for some cable companies to squash the transmission of stereo programs to mono because they only have mono equipment. If your TV is connected to a cable system, the sound is at the mercy of that cable company — if they broadcast in mono, you receive mono sound regardless of the original stereo programming.

Fortunately, most programs that are broadcast in stereo are aired on the major television networks. If you connect your TV to an antenna instead of cable, and set the Tuner Mode in the Auto Tuner Setup to "Air" instead of "Cable," you will be able to pick up stereo broadcasts in stereo.





## SET CLOCK

The Clock is the heart of all timer functions. The clock must be set before the timer functions work.

▲▼ To SET CLOCK

◀▶ To operate

```

TIME      --:-- --
START CLOCK
    
```

◀▶ To set the hour (AM/PM)

▼ To move to minutes

◀▶ To set the minutes

▼ To move to START CLOCK when done with settings

◀▶ To start the clock

**THANK YOU !!**

## CLOCK — ON/OFF TIMER MESSAGE

If you do not set the clock but attempt to use the On/Off Timer, you will get the following message:

```

SET CLOCK
PLEASE SET CLOCK FIRST !!
TIME      --:-- --
START CLOCK
    
```

◀▶ To set the hour (AM/PM)

▼ To move to minutes

◀▶ To set the minutes

▼ To move to START CLOCK when done with settings

◀▶ To start the clock

**THANK YOU !!**

## ON/OFF TIMER

YOU tell the TV to turn on and off. Use it as an alarm to wake up, as a program reminder, or to simulate that you're home when you're out of the house.



Press the MENU Button

▲▼ To ON/OFF TIMER

◀▶ To operate

### ON/OFF TIMER

```

ON TIME          7 : 00 PM
OFF TIME         10 : 00 PM
CHANNEL          02
MODE             ONCE EVERYDAY
ON/OFF TIMER     YES NO
    
```

**FINISH**

◀▶ To set the hour (AM/PM) you want the TV to turn on

▼ To move to minutes

◀▶ To set the minutes

▼ To accept ON TIME and to move to OFF TIME (set time again)

▼ To move to CHANNEL

◀▶ To select channel

▼ To move to MODE

◀▶ Choose ONCE or EVERYDAY

▼ To YES NO

◀▶ Choose YES for on, NO for off

▼ To FINISH

◀▶ To save settings

**Notes:** A Timer Preview window will appear in the PIP, lower right corner of your screen, 7 seconds before the Timer changes the current channel to the timed program channel.

In order for ON/OFF Timer to work, the clock must be set. After a power interruption the clock will be cancelled.

ON/OFF Timer cannot be set to locked or guarded channels.

### NOTES:

You must have the clock set to operate the On/Off Timer.

Once you setup GUIDE Plus+ GOLD (page 18), you will not need to set the clock. The clock will be set automatically by GUIDE Plus+ GOLD. You will not be able to manually set the clock to a different time.

**NOTES:**

Regarding the operation of the Language feature, refer to page 17.

**CLOSED CAPTION NOTES:**

If you turn the Mode to Caption or Text, that mode will automatically begin once you exit and save the settings.

Captions are usually found on CC1 and text on T1. The other caption and text channels are workable but are for future purposes.

If a black box covers half of the screen, Text Mode is on. Select OFF to turn it off.

Closed captioning may not correctly operate when the signal received is weak or when you are playing a video tape.

### TV SPEAKER

You can listen to the TV speakers, or if your set is connected to a stereo, turn them off to listen to the stereo's speakers.



Press the MENU Button



To TV SPEAKER

TV SPEAKER	ON	OFF
------------	----	-----



To turn the speaker ON or OFF



EXIT when finished

**Note:** TV Speaker will be cancelled after a power interruption.

**Note:** Before you set TV Speaker from Off to On, **make certain that the volume level is low!** If the volume is high, the sound will be extremely loud when you turn it on.

### AUDIO OUT

Select fixed level or variable level audio output signals.



Press the MENU Button



To AUDIO OUT

AUDIO OUT	VARI	FIX
-----------	------	-----

◀▶ To VARI or FIX

**VARI:** Adjust the volume of the external speaker by using the TV's VOLUME +/- button or remote control.

**FIX:** Adjust the volume of the external speaker with the audio device controls.

**Note:** When using external amplifiers and speakers, shut off the TV Speakers (above).

### COMPONENT-IN

Get the best quality video from your DVD player by using this setting and the DVD inputs at the rear of the television. Set the Video-2 input either to the component input (for DVD) "YES", or to the composite video input (for a regular VCR player) "NO".



Press the MENU Button



To COMPONENT-IN

COMPONENT-IN	YES	NO
--------------	-----	----



To turn the input ON or OFF



EXIT when finished

**Note:** For more information on connecting a DVD player, see page 10.

**Note:** This function is to be used with DVD players only. For connecting VCR's, see page 9.

### CLOSED CAPTION

If they are included in a program, you can view closed captions or text information.



Press the MENU button



To CLOSED CAPTION



To operate

MODE	: OFF
CAPTION	: CC1 CC2 CC3 CC4
TEXT	: T1 T2 T3 T4
	FINISH



To select CAPTION, TEXT or OFF



To CAPTION or TEXT



To select a caption (CC1 to CC4) or text channel (T1 to T4)



To accept that selection and move to FINISH



To exit and save settings

# BUTTON FUNCTIONS



## MENU

The **MENU** button allows you to access the onscreen menu system. Another complete discussion of these buttons and the menu system is located on page 16.

Once you press the menu button, the CHANNEL -/+ (▲▼) and VOLUME -/+ (◀▶) buttons work to operate the menu system.

- Press (▲▼) to move up and down in the menu system.
- Press (◀▶) to operate a feature in the menu system.

## EXIT

The **EXIT** button lets you leave the menu screens, Guide Plus+ Gold system, or turns off PIP when you press it.

## DISPLAY

The onscreen display shows the current status of timers and inputs.

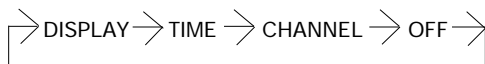


DISPLAY

07	
NOW	12:20 PM
SLEEP TIMER	OFF
ON/OFF TIMER	EVERYDAY
ON TIME	7:00 PM
OFF TIME	10:00 PM

- The channel or AV input (Ch. 07)
- Current time (12:20 PM)
- Sleep Timer minutes remaining (Off)
- On/Off Timer status (Everyday, on at 7:00 PM, off at 10:00 PM)

**Note:** Each press of the DISPLAY button changes the display mode:



If you select time or channel, the time or channel (or video input) will remain on the screen.

## VIDEO STATUS

The **VIDEO STATUS** button lets you select the "Choice" settings of the Set Video Status menu, or reset to factory settings.

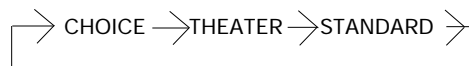
"**Standard**" resets the picture settings to factory standard levels.

"**Choice**" consists of the settings that you saved in the Set Video Status menu, page 39.

"**Theater**" for a film-like look to video.



VIDEO STATUS

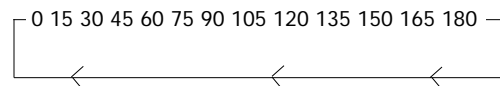


## SLEEP TIMER

The **Sleep Timer** will turn off the TV for you in case you fall asleep. Program it to work in intervals of 15 minutes up to 180 minutes.



SLEEP TIMER



## SLEEP TIMER MESSAGE:

20 seconds prior to the automatic shut-off, this message will appear:

**GOOD NIGHT !!**  
**PUSH SLEEP TIMER BUTTON**  
**TO EXTEND.**

You then have 20 seconds to press the Sleep Timer button to delay turn off for another 15 minutes.



# BUTTON FUNCTIONS

## NOTES :

Licensed by BBE Sound, Inc. under USP4638258, 4482866.

BBE is a registered trademark of BBE Sound, Inc.

You can find another discussion of Return and Return+ on page 13.

## BBE

BBE high definition audio adds natural, clear and extraordinary sound to any program.



BBE

BBE ON OFF

## HYPER SURROUND

Create a deep, 3-dimensional sound effect by channeling the sound through the TV's front firing speakers.



HYPER SURROUND

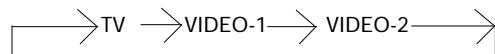
HYPER SURROUND ON OFF

## TV/VIDEO

TV/VIDEO controls the TV's input mode.



TV/VIDEO



## 100 +

The 100+ button lets you access all channels above Channel 99.

To move to Channel 124:



100+



2 (two)



4 (four)

## VCR BUTTONS

This remote will control your VCR. You can play, rewind and fast-forward, record, pause, stop, move channel up and down, and power on and off.

**Note:** This remote is preset with the code 000 to control a JVC VCR. For any other brand, you must set up the manufacturer's code (page 12.)

## MUTING

The MUTING button turns the sound off completely when you press it. Press it again to restore the volume to the previous level.

## RETURN+

There are two kinds of Return...

**Return+** — Set a "Return Channel" to return to after scanning with CHANNEL +/-.



RETURN+ and hold for 3 seconds

RETURN CHANNEL PROGRAMMED !

Scan with CHANNEL +/-



RETURN+

**Note:** To cancel a Return channel, press and hold Return+ for another 3 seconds until "RETURN CHANNEL CANCELLED!" appears.

**Return** — Return to the last channel viewed after moving to another channel via the 10 key pad.



RETURN+

Move to another channel with the 10 key pad.



RETURN+

**Note:** When PIP is on, the RETURN+ button function affects only the main screen.

## NUMBER BUTTONS / 10 KEY PAD

Change channels with the 10 key pad.

For example, to move to Channel 7:



0 (zero)



7 (seven)

## LIGHT

The RM-C344 remote includes illuminated buttons for key features like CHANNEL +/- and VOLUME +/- . Press the LIGHT button to turn the illumination on.



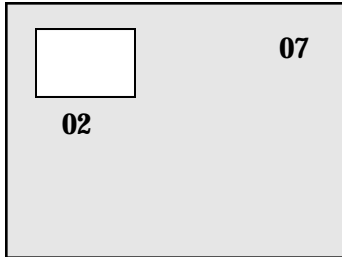
LIGHT

# BUTTON FUNCTIONS



**ON/MOVE (Picture in Picture)**  
PIP allows you to view two pictures simultaneously.

(PIP) ON/MOVE



EXIT to turn PIP off

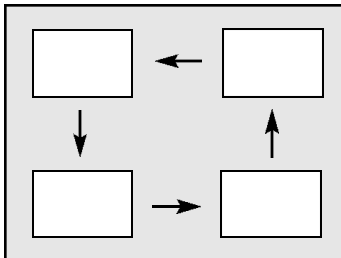
**Note:** The PIP channel and main screen channel will appear in the display momentarily right after you turn on PIP. You can leave them up permanently by pressing DISPLAY until you reach the mode.

**Note:** The PIP Screen is 1/9 of the regular screen size.

Once PIP is turned on, the ON/MOVE button operates the Move feature.

You can move the PIP window to any of the TV's four corners.

ON/MOVE



**Note:** Each press of the On/Move button will shift the PIP window one position.

**Note:** When the PIP screen has no signal, the PIP window will be blue.

**FREEZE**

You can freeze the picture in the main screen into the PIP window.

FREEZE

**Note:** When the PIP is off, pressing FREEZE takes a snapshot of the main screen and puts it into the PIP window... great for catching those mail order addresses.

**Note:** When the PIP is on FREEZE stops the PIP picture.

**SWAP**

You can swap the PIP picture and the main picture.

SWAP

**CHANNEL +/- For PIP**

Change the channel in the PIP window.

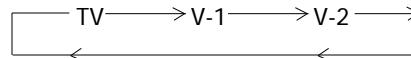
CH +/-

**Note:** PIP will not display a channel if its rating exceeds set V-Chip limits.

**SOURCE**

You can select the source for the PIP window.

SOURCE



**Note:** When you connect the component input (DVD) to V-2, the PIP window will be blue.

## PIP NOTES

D-800 Series models have 2 Tuner PIP and can see two signals at once. This means you can view two channels at the same time.

In order for PIP to work, the TV must be set to "TV mode".



# T R O U B L E S H O O T I N G

<b>PROBLEMS</b>		<b>CHECK</b>	
No power	<ul style="list-style-type: none"> <li>• See if the power cord became unplugged.</li> <li>• Perhaps you have experienced a blown circuit breaker or fuse or a power outage.</li> </ul>		
No picture or sound	<ul style="list-style-type: none"> <li>• The antenna could be disconnected.</li> <li>• The Input mode (TV or video) could not be set properly, refer to page 44.</li> <li>• The tuner mode (in the menu selection) could be set improperly, refer to page 17.</li> <li>• The station may be having difficulties, check to see if other channels are operating normally.</li> </ul>		
Remote control is not operating	<ul style="list-style-type: none"> <li>• Check that the batteries are still working and properly installed.</li> <li>• Make sure there are no objects blocking a clear path from the remote to the TV.</li> <li>• Check that the 2-way mode selector switch is in the proper position — set to TV to view television.</li> </ul>		
You cannot select a certain channel	<ul style="list-style-type: none"> <li>• Maybe you are too far from the TV, you must be within 23 feet (or 7 meters).</li> <li>• Make sure the channels are programmed. See Channel Summary, page 34.</li> <li>• Perhaps the channel is locked, select it with the 10 key pad and follow instructions.</li> </ul>		
Power turns off	<ul style="list-style-type: none"> <li>• Perhaps the On/Off Timer is set, press the power button, check page 41.</li> <li>• The power was interrupted or the power cord unplugged.</li> <li>• The Sleep Timer may be set, see page 43.</li> </ul>		
The clock is wrong	<ul style="list-style-type: none"> <li>• The clock needs to be reset. See page 18.</li> </ul>		
<b>PICTURE</b>		<b>CHECK</b>	
Poor color quality	<ul style="list-style-type: none"> <li>• Tint and color may be improperly adjusted. Check page 39.</li> <li>• Video Status mode may be set to an inappropriate setting. Check page 39.</li> </ul>		
Lines or streaks across the screen	<ul style="list-style-type: none"> <li>• There could be interference from another energy consuming appliance, such as a computer, another TV or VCR. Move any other such appliances farther away from the TV.</li> </ul>		
Spotted picture	<ul style="list-style-type: none"> <li>• There could be interference from a running high wattage appliance such as a hair-dryer, vacuum cleaner, or neon sign. You will have to move the antenna away from the source of the interference or change it to a coaxial cable which is less prone to interference.</li> </ul>		
Double picture (Ghosts)	<ul style="list-style-type: none"> <li>• A building or airplane can reflect the original signal producing a second, delayed one. Adjust the antenna position.</li> </ul>		
Snowy picture/ Image noise	<ul style="list-style-type: none"> <li>• The antenna may be damaged, disconnected or turned. Check the antenna connection, pages 7 to 8. If it is damaged, you will have to replace it.</li> </ul>		
Screen is 80% black	<ul style="list-style-type: none"> <li>• Closed Caption Text Mode is on.</li> </ul>		
<b>SOUND</b>		<b>CHECK</b>	
Bilingual or stereo programs cant be heard	<ul style="list-style-type: none"> <li>• Make sure the MTS mode is properly set. Refer to page 40 for details on setting MTS Modes.</li> </ul>		
No sound from TV speakers at all	<ul style="list-style-type: none"> <li>• TV Speakers may be turned off in the menu, see page 42.</li> </ul>		
<b>NOT A PROBLEM</b>		<b>DON'T WORRY ABOUT THIS, IT'S NORMAL</b>	
Static electricity	<ul style="list-style-type: none"> <li>• It is normal to feel a surge of static electricity if you brush over or touch the screen.</li> </ul>		
Occasional crackling sounds	<ul style="list-style-type: none"> <li>• It is normal for the TV to emit crackling sounds when turned on or off. Unless the sound or picture become abnormal, this is fine.</li> </ul>		

PROBLEMS	CHECK
GUIDE Plus+ GOLD did not download program data	<ul style="list-style-type: none"> <li>• The antenna could be disconnected. Check the connections (page 7 and 8).</li> <li>• Check the zip code in Setup (page 18).</li> </ul>
GUIDE Plus+ GOLD downloaded incorrect program data	<ul style="list-style-type: none"> <li>• Check the zip code in Setup (page 18). If the wrong zip code for your area was entered, GUIDE Plus+ GOLD may not be receiving the correct data for your area.</li> </ul>
GUIDE Plus+ GOLD does not control cable box and/or VCR	<ul style="list-style-type: none"> <li>• Check Setup (page 18). Make sure GUIDE Plus+ GOLD was setup for cable and/or VCR.</li> <li>• Make sure the correct brands of cable box and/or VCR were entered during Setup.</li> <li>• Check the IR Mouse connections (page 7 and 8). Make sure the IR Mouse transmitters are positioned in front of the IR windows on your cable box and/or VCR.</li> </ul>
GUIDE Plus+ GOLD does not display all available channels	<ul style="list-style-type: none"> <li>• Check Channel Editor (page 31). Make sure all available channels are listed. Check to see if the display for all the channels whose listing you wish to receive are turned on.</li> </ul>
When accessing News feature, PIP does not change to MSNBC	<ul style="list-style-type: none"> <li>• MSNBC (host channel for news updates) is not available in your area.</li> </ul>
NOT A PROBLEM	DON'T WORRY ABOUT THIS, IT'S NORMAL
GUIDE Plus+ GOLD moves up and down	<ul style="list-style-type: none"> <li>• When switching channels the GUIDE Plus+ GOLD screen or PIP window display may briefly become unstable. This should stop in a moment and is not a malfunction.</li> <li>• If you move to the News feature of GUIDE Plus+ GOLD while the system is downloading new data, the on-screen image may briefly become unstable. This is because the system may be switching between reception streams. It will only occur for a moment and is not sign of a malfunction.</li> </ul>



# LIMITED WARRANTY



JVC COMPANY OF AMERICA warrants this product and all parts thereof, except as set forth below ONLY TO THE ORIGINAL PURCHASER AT RETAIL to be FREE FROM DEFECTIVE MATERIALS AND WORKMANSHIP from the date of original retail purchase for the period shown below (the "Warranty Period") (PICTURE TUBE is covered for Two (2) years.)

<b>Parts</b>	<b>Labor</b>
1 YEAR	1 YEAR

THIS LIMITED WARRANTY IS VALID ONLY IN THE FIFTY (50) UNITED STATES, THE DISTRICT OF COLUMBIA AND COMMONWEALTH OF PUERTO RICO.

#### WHAT WE WILL DO:

If this product is found to be defective within the warranty period, JVC will repair or replace defective parts at no charge to the original owner. Such repair and replacement services shall be rendered by JVC during regular business hours at JVC authorized service centers. Parts used for replacement are warranted only for the remainder of this Warranty Period. All products and parts thereof may be brought to a JVC authorized service center on a carry-in basis. Televisions with a screen size of 25 inches and larger may be covered on an in-home basis where such service is available.

#### WHAT YOU MUST DO FOR WARRANTY SERVICE:

To determine if in-home service is available in your area, either contact the selling dealer (retailer) or call 1-800-537-5722 to locate the nearest JVC authorized service center. Service locations can also be obtained from our website <http://www.jvcservice.com>. In-home service, if available, will require clear access to the Television by the service representatives. If in-home service is not available, carry in service will be provided.

If service is not locally available, box the product carefully, preferably in its original carton, and ship, insured, with a copy of your bill of sale plus a letter of explanation of the problem to the nearest JVC Factory Service Center, the name and location which will be given to you by the toll free number.

If you have any questions concerning your JVC Product, please contact our Customer Relations Department.

#### WHAT IS NOT COVERED:

This limited warranty provided by JVC does not cover:

- 1) Products which have been subject to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, or if repaired or serviced by anyone other than a service facility authorized by JVC to render such service, or if affixed to any attachment not provided with the products, or if the model or serial number has been altered, tampered with, defaced or removed;
- 2) Initial installation, installation and removal from "built-in" entertainment centers and other mounting systems;
- 3) Operational adjustments covered in the Owner's Manual, normal maintenance, video and audio head cleaning;
- 4) Damage that occurs in shipment, due to an act of God, and cosmetic damage;
- 5) Signal reception problems and failures due to line power surge;
- 6) Video Pick-up Tubes/CCD Image Sensor, Cartridge, Stylus (Needle) are covered for 90 days from the date of purchase;
- 7) Accessories;
- 8) Batteries (except that Rechargeable Batteries are covered for 90 days from date of purchase.)

There are no express warranties except as listed above.

THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN.

JVC SHALL NOT BE LIABLE FOR THE LOSS OF USE OF THE PRODUCT, INCONVENIENCE, OR ANY OTHER DAMAGES, WHETHER DIRECT, INCIDENTAL OR CONSEQUENTIAL (INCLUDING, WITHOUT LIMITATION, DAMAGE TO TAPES, RECORDS OR DISCS) RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion of incidental or consequential damages or limitations on how long the warranty lasts, so these exclusions or limitations may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary state to state.

JVC COMPANY OF AMERICA  
DIVISION OF JVC AMERICAS CORP.

1700 Valley Road  
Wayne, New Jersey 07470

<http://www.jvcservice.com>

**REFURBISHED PRODUCTS CARRY A SEPARATE WARRANTY. THIS WARRANTY DOES NOT APPLY FOR DETAILS OF REFURBISHED PRODUCT WARRANTY. PLEASE REFER TO THE REFURBISHED PRODUCT WARRANTY INFORMATION PACKAGED WITH EACH REFURBISHED PRODUCT.**

For customer use:

Enter below the Model No. and Serial No. which is located either on the rear, bottom or side of the cabinet.

Retain this information for future reference.

Model No.: \_\_\_\_\_ Serial No.: \_\_\_\_\_

Purchase Date: \_\_\_\_\_ Name Of Dealer: \_\_\_\_\_



# AUTHORIZED SERVICE CENTERS



QUALITY **JVC** SERVICE

HOW TO LOCATE YOUR JVC SERVICE CENTER

**TOLL FREE: 1 (800) 537-5722**

**<http://www.jvcservice.com>**

Dear Customer;

In order to receive the most satisfaction from your purchase, read the instruction booklet before operating the unit. In the event that repair is necessary, or for the address nearest your location, please refer to the factory service center list below or within the Continental United States, call 1-800-537-5722 for your authorized servicer. Remember to retain your Bill of Sale for Warranty Service.

— JVC

## JVC SERVICE & ENGINEERING COMPANY OF AMERICA

DIVISION OF JVC AMERICAS CORP.

### FACTORY SERVICE CENTER LOCATIONS

Dear customer;

In order to receive the most satisfaction from your purchase, read this guide before operating the unit, and before calling for service make sure you check the Troubleshooting pages at the end of this book. In the event that repair is necessary, or for the address nearest you, please refer to the factory service center list below, or within the continental United States, call the toll free number above for an authorized service center. Remember to retain your bill of sale for warranty service.

107 Little Falls Road  
Fairfield, NJ 07004-2105  
(973) 808-9279

1500 Lakes Parkway  
Lawrenceville, GA 30243-5857  
(404) 339-2522

705 Enterprise Street  
Aurora, IL 60504-8149  
(630) 851-7855

5665 Corporate Avenue  
Cypress, CA 90630-0024  
(714) 229-8011

2969 Mapunapuna Place  
Honolulu, HI 96819-2040  
(808) 833-5828

10700 Hammerly Suite 110  
Houston, TX 77043  
(713) 935-9331

13 Cummings Park  
Woburn, MA 01801  
(781) 376-9100

8192 State Road 84  
Davie, FL 33324  
(954) 472-1960

890 Dubuque Avenue  
South San Francisco, CA 94080-1804  
(650) 871-2666

*Sophisticated electronic products may require occasional service. Just as quality is a keyword in the engineering and production of the wide array of JVC products, service is key to maintaining the high level of performance for which JVC is world famous. The JVC service and engineering organization stands behind our products.*

NATIONAL HEADQUARTERS  
JVC SERVICE & ENGINEERING COMPANY OF AMERICA  
DIVISION OF JVC AMERICAS CORP.  
1700 Valley Road  
Wayne, New Jersey 07470

### IF YOU SHIP THE PRODUCT

Pack your JVC unit in the original carton or one of equivalent size and strength. Enclose, with the unit, a letter stating the problem or symptom that exists and also a copy of the receipt or bill of sale you received when you purchased your JVC unit. Print your home return address on the outside and inside of the carton. Send to the appropriate JVC Factory Service Center as listed above.

### Don't service it yourself.

#### CAUTION

To prevent electrical shock, do not open the cabinet. No user serviceable parts inside. Refer to qualified service personnel.

### ACCESSORIES

To purchase accessories for your JVC product, you may contact your local JVC Dealer. Or from the 48 Continental United States call toll free : 1 (800) 882-2345



# S P E C I F I C A T I O N S

MODEL	AV-36D800	AV-32D800	AV-27D800
Type	Color Television		
Reception Format	NTSC system, BTSC system (Multichannel Sound)		
Reception Range	VHF 2 to 13, UHF 14 to 69 Sub Mid, Mid, Super, Hyper and Ultra bands (181 channel frequency synthesizer system)		
Power Source	AC 120V, 60Hz		
Power Consumption	138 W	133 W	130 W
Screen Size	36"/90 cm measured diagonally, full square	32"/80 cm measured diagonally, full square	27"/68 cm measured diagonally, full square
Audio Output	5W + 5W		
Speakers	3 3/16" x 4 3/4" 8 x 12 cm ovals x 2	2" x 4 3/4" 5 x 12 cm oblong x 2	
Antenna Terminal	75 ohms (VHF/UHF) terminal (F-type connector)		
External Input Jacks	Video: 1 Vp-p, 75 ohms Audio: 500 mVrms (-4 dBs), high impedance		
S-Video Input Jacks	Y: 1Vp-p positive, 75 ohms (negative sync provided) C: 0.286 Vp-p (burst signal), 75 ohms		
Audio Output Jacks	More than 0 to 1550 mVrms (+6 dBs), low impedance (400 Hz when modulated 100%)		
IR Mouse/G-Link Jack	3.5 mm mini jack x 1		
AV Compu Link Jack	3.5 mm mini jack x 1		
Dimensions (inches) (W x H x D) – (cm)	33 7/8 x 30 1/8 x 23 3/4 86.0 x 76.5 x 60.3cm	33 7/8 x 27 x 21 5/8 85.9 x 68.4 x 54.8 cm	29 5/8 x 23 1/4 x 19 1/2 75.2 x 59 x 49.4 cm
Weight (lbs.) Weight (kg.)	149.2 (lbs.) 67.8 (kg.)	114.4 (lbs.) 52.0 (kg.)	78.1 (lbs.) 35.5 (kg.)
Accessories	Remote control x 1 • AA batteries x 2 IR Mouse x 1 • Double Sided Tape for IR Mouse x 2		

*Specifications subject to change without notice.*



## CABLE BOX

---

### BRAND

Archer  
 Cable Cinema  
 Cabletenna  
 Cableview  
 Century  
 Citizen  
 Curtis  
 Diamond  
 Drake  
 Eagle  
 Eastern  
 Explorer  
 GC Electronics  
 Gemini  
 General Electric  
 General Instruments  
 Gerrard  
 Hamlin  
 Hitachi  
 Hughes  
 Jasco  
 Jerrold  
 Macom  
 Maestro  
 Magnavox  
 Matsushita  
 Movietime  
 NEC  
 Next Level  
 Novavision  
 NSC  
 Oak  
 Oak Sigma  
 Optimus  
 Panasonic  
 Philips  
 Pioneer  
 Primestar  
 Pulser  
 Quest  
 Radio Shack  
 RCA  
 Realistic  
 Recoton  
 Regal  
 Regency  
 Rembrandt  
 Samsung  
 Scientific Atlanta  
 Sheritech  
 Signal  
 S.L. Marx  
 Sony  
 Sprucer  
 Standard Components  
 Stargate  
 Sylvania  
 Teknika  
 Telecaption  
 Teleview  
 Texscan  
 Tocom  
 Toshiba  
 Uniden  
 Unika  
 Universal  
 Videoway  
 VidTek  
 ViewStar  
 Zenith

## VCR

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 Adventura  
 Aiwa  
 Akai  
 Audio Dynamics  
 Beaumark  
 Belcor  
 Bell & Howell  
 Broksonic  
 Candle  
 Canon  
 Cape Hart  
 Carrera  
 Citizen  
 Classic  
 Craig  
 Criterion  
 Crosley  
 Curtis Mathes  
 Daewoo  
 Daytron  
 dBX  
 Dumont  
 Electrohome  
 Electron  
 Emerson  
 Everex  
 Fisher  
 Funai  
 GE (General Electric)  
 Generic  
 Go Video  
 Goldstar  
 Grundig  
 Harley Davidson  
 Harmon Kardon  
 Harvard  
 Hitachi  
 Images  
 J.C. Penney  
 Jensen  
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 Kenwood  
 KLH  
 Lloyds  
 Logik  
 LXI  
 Magnasonic  
 Magnavox  
 Magnin  
 Marantz  
 Marta  
 Matsui  
 Megasonic  
 Memorex  
 MGA  
 MGN  
 Midland  
 Minolta  
 Mitsubishi

### BRAND

Montgomery Ward  
 Movie Walker  
 MTC  
 Multitech  
 National  
 NEC  
 Nikko  
 Olympus  
 Optimus  
 Optonica  
 Orion  
 Panasonic  
 Paxsonic  
 Pentax  
 Philco  
 Philips  
 Pilot  
 Pioneer  
 ProScan  
 Pulser  
 Quasar  
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 RCA  
 Realistic  
 Samsung  
 Sansui  
 Sanyo  
 Scott  
 Sears  
 Sharp  
 Shintom  
 Shogun  
 Signature  
 Singer  
 Sony  
 Sylvania  
 Symphonic  
 Tatung  
 Teac  
 Technics  
 Teknika  
 Telefunken  
 Thomas  
 TMK  
 Toshiba  
 Totevision  
 Vector Research  
 Video Concepts  
 Videosonic  
 XR-1000  
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