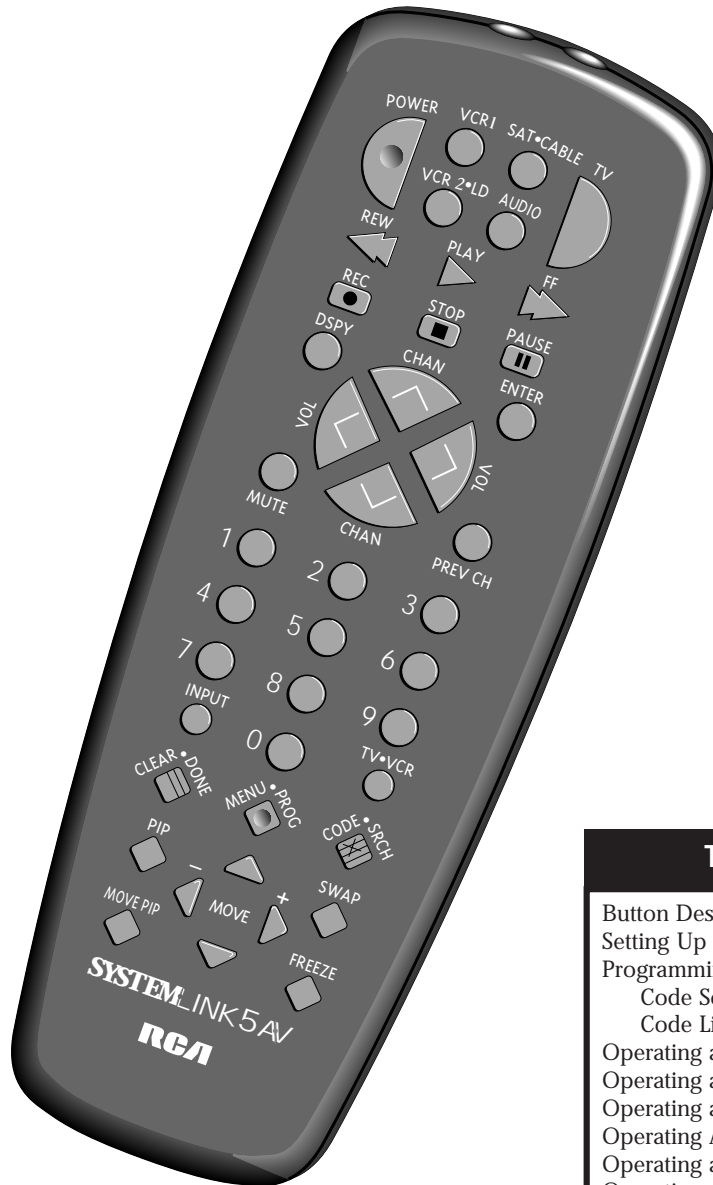


## Universal Remote Control



This Universal Remote Control is compatible with most models of infrared controlled Televisions, VCRs, Cable Boxes, and Audio Equipment manufactured after 1984. Please retain this guide for future reference.

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Code Lists .....	4
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## Button Description

### Device Buttons

(VCR1, VCR2•LD, SAT•CABLE, AUDIO, TV)  
Determines which device you are controlling.

### Channel and Sound

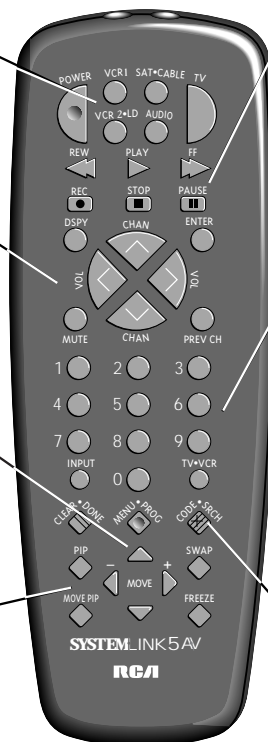
(DSPY, ENTER, VOL, CHAN, MUTE, PREV CH)  
Use these buttons to control sound and channel changes.

### Menu Buttons

(MENU•PROG, MOVE, -, +, ▲, ▼) Use these buttons to adjust on-screen menu features and programming information.

### PIP Buttons

(PIP, MOVE PIP, SWAP, FREEZE) Use these buttons to adjust the Picture-in-Picture feature if it is available on your TV.



### VCR Buttons

(TV/VCR, REW, PLAY, FF, REC, STOP, PAUSE)  
Use these buttons to control playback from a VCR or Laserdisc Player. Also used to record onto a VCR tape.

### Number Buttons (0-9)

Use these buttons to directly enter channel numbers for a TV, VCR and Cable Box. Also used for accessing preset channels of an AM/FM tuner or entering disk and track numbers for a CD player. Also used for entering program code numbers from brand lists.

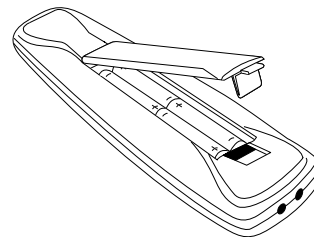
### Code Search Button

Programs devices by searching through brand codes. Use when code lists are not available or when the listed code does not work with your device.  
*See page 3.*

## Setting Up Your Universal Remote

### Place Batteries in the remote

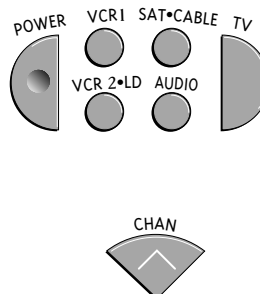
1. Remove the battery compartment cover.
2. Place four AAA batteries as shown, matching the + and - end of each battery as indicated in the battery compartment.
3. Replace the cover.



### Determine if your remote needs programming

*Some RCA, GE and ProScan devices may already be pre-programmed.*

1. Press the button of the device you want to control (for example TV).
2. If the device turns on, press another button, to confirm (for example CHANNEL UP).
3. If the device you selected (TV) responds, you will not need to program the remote. If the device you selected (TV) does not respond, you will need to program the remote. (See pages 3-4 for programming instructions).
4. Repeat steps 1-3 for other devices.



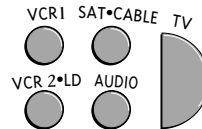
# Programming Your Universal Remote

The remote may already be set up to operate your brand of TV, VCR, Laserdisc, Satellite Receiver, Audio Equipment, or Cable Box. It is pre-programmed with the following codes: TV-000, VCR1-000, AUDIO-003, and SAT•Cable Box-000. For brands that require programming, there are two ways to program: Using Code Lists or Code Search. Use Code Search if the code lists are not available or if the codes from the lists do not operate a device.

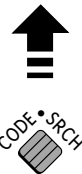
## Programming a Device using CODE SEARCH

1. Manually turn on your device (TV, VCR, Laserdisc Player, Satellite Receiver, Cable Box or Audio Equipment).
2. Press and hold **CODE•SRCH**.
3. Press and release the device button you want to set up (TV, VCR1, VCR2•LD, SAT•CABLE, or AUDIO).
4. Release **CODE•SRCH**.
5. Press **POWER** repeatedly until the device turns off (you may have to press up to 100 times).
6. Once the device turns off, press and release **ENTER**.
7. With the device on, press another button, for example **CHANNEL UP**. If the device responds, no further programming is required. If the device does not respond, repeat steps 1-7.

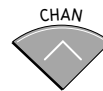
PRESS  
& HOLD



RELEASE



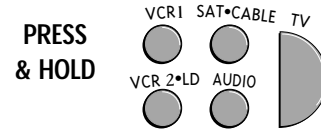
ENTER



# Programming Your Universal Remote

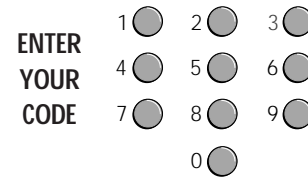
## Programming a Device using the Code Lists

1. Find codes for each device and brand on page numbers shown below.
2. Press and hold the **TV**, **VCR1**, **VCR2•LD**, **SAT•CABLE**, or **AUDIO** button you want to set up.

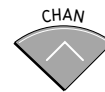
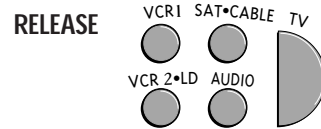


3. Enter the three digit code from the TV, VCR, Laserdisc Player, Satellite Receiver, Cable Box, or Audio code list.

<u>Device</u>	<u>Page</u>
TV	11
VCR	12
LaserDisc Player	13
Satellite Receiver	13
Cable Box	13
Audio Equipment	14



4. Release the device key.
5. With the device on, press another button, for example **CHANNEL UP**. If the device responds, no further programming is required. If the device does not respond, repeat 2-4 using another code.
6. Enter your device codes here for easy reference.



TV CODE		
<input type="text"/>	<input type="text"/>	<input type="text"/>

VCR1 CODE		
<input type="text"/>	<input type="text"/>	<input type="text"/>

VCR2•LD CODE		
<input type="text"/>	<input type="text"/>	<input type="text"/>

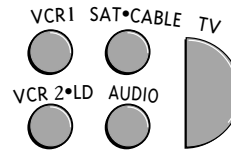
SAT•CABLE CODE		
<input type="text"/>	<input type="text"/>	<input type="text"/>

AUDIO		
<input type="text"/>	<input type="text"/>	<input type="text"/>

# Operating A TV

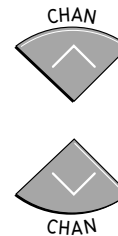
## Turning the TV On and Off.

1. Press **TV** to set the remote to control the TV (Most RCA, GE and ProScan models will only turn on when TV is pressed, not POWER.)
2. Press **POWER** to turn the TV on or off.



## Change Channels on the TV

Press **CHANNEL UP** or **CHANNEL DOWN** to change channels on the TV or enter the channels as you would normally for your TV.

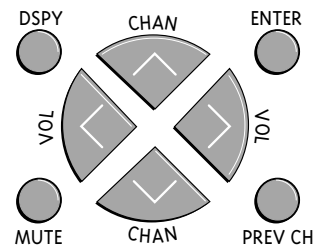


Use the buttons below to adjust features on your TV.

**DISPLAY** – Shows displays on the screen and clears menus from the screen.

**MUTE** – Switches the TV sound on or off.

**PREV CH (PREVIOUS CHANNEL)** – Changes back and forth between two channels. Select a channel using the number buttons and then select another. Press **PREV CH** to switch between the two channels.



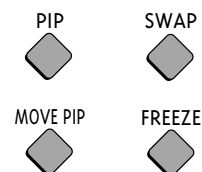
If your TV has picture-in-picture, you may be able to use the following buttons to adjust PIP.

**PIP (PICTURE-IN-PICTURE)** – Turns the small picture on or off.

**PIP MOVE** – Moves the small picture to the next corner.

**SWAP** – Switches the channel in the small picture with the big picture.

**FREEZE** – Freezes or unfreezes the small picture.

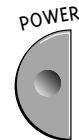
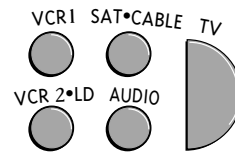


You may want to experiment with the remote to determine all the buttons which will work with your TV.

## Operating A Cable Box

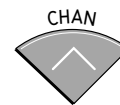
### Turning the Cable Box On and Off.

1. Point the remote at the cable box and press **SAT•CABLE**.
2. Press **POWER** to turn it on or off.



### Changing Channels on the Cable Box.

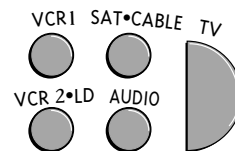
Press **CHANNEL UP** or **DOWN** to change channels on the cable box or enter the channel as you would normally for your cable box.



## Operating A Satellite Receiver

### Turning the Satellite Receiver On and Off.

1. Point the remote at the Satellite Receiver and press **SAT•CABLE**.
2. Press **POWER** to turn it on or off.

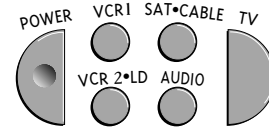


You may want to experiment with the remote to determine all the buttons which work with your Satellite Receiver.

# Operating A VCR

## Turn the VCR On and Off.

1. Press **VCR1** or **VCR2•LD** to set the remote to control the VCR. (Most RCA, GE and ProScan models will only turn on when pressing VCR not POWER).
2. Press **POWER** to turn the VCR on or off.



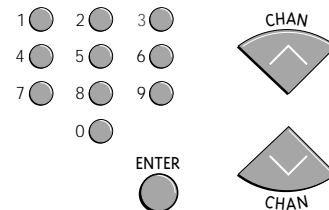
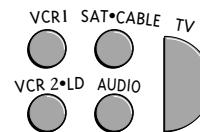
## Watch a tape in your VCR.

1. Turn on the VCR.
2. Insert a tape in the VCR.
3. Press **PLAY** to start the tape.
4. Press **STOP** when you are finished.
5. Press **REW** to rewind the tape.
6. Press **PAUSE** to pause the tape.



## Record one channel and watch another.

1. Press **VCR1** or **VCR2•LD** to set the remote to control the VCR.
2. Tune the VCR to the channel you want to record.
3. Press **REC** to start recording.
4. Press **TV/VCR**.
5. Press **TV** to set the remote to control the TV.
6. Press **CHANNEL UP** or **DOWN** to change channels on the TV.
7. To see the channel you are recording, tune the TV to channel 3 or 4 (same as CH3/4 switch on the VCR). Tune to 90, 91, or 92 for some RCA, GE or ProScan products.



# Operating A Laserdisc Player

## Turn the Laserdisc Player On and Off.

1. Press **VCR2•LD** to set the remote to control the Laserdisc Player. (Most RCA and ProScan models will only turn on when pressing VCR2•LD not POWER).
2. Press **POWER** to turn the Laserdisc Player on or off.



## Watch a disc in your Laserdisc Player.

1. Turn on the Laserdisc Player.
2. Place a disc in the Laserdisc Player.
3. Press **PLAY** to start the disc.
4. Press **STOP** when you are finished.
5. Press **PAUSE** to pause the disc.



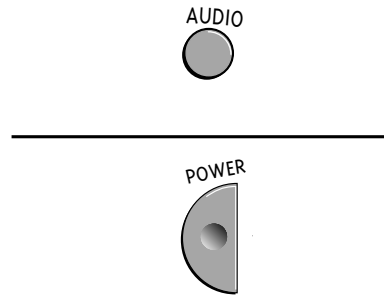
You may want to experiment with the remote to determine all the buttons which work with your Laserdisc Player.



# Operating Audio Equipment

## Turn the Audio Equipment On and Off.

1. Press **AUDIO** to set the remote to control the Audio Equipment. (Most RCA, GE and ProScan models will only turn on when pressing AUDIO not POWER).
2. Press **POWER** to turn the Audio Equipment on or off.



## Play a tape or CD in your Audio Equipment.

1. Turn on the Audio Equipment.
2. Insert a tape or CD.
3. Press **PLAY** to start the tape or CD.
4. Press **STOP** when you are finished.
5. Press **REW** to rewind the tape.
6. Press **PAUSE** to pause the tape or CD.



You may want to experiment with the remote to determine all the buttons which work with your Audio Equipment.

## Operating A TV/VCR Combo Unit

Some TV/VCR combination units may be controlled by using a combination of TV and VCR codes. For example, the Samsung TV/VCR combo unit may be controlled by both the Samsung TV code and the Samsung VCR code.

## Special Operations

### RCA, GE and PROSCAN Brand Devices:

Many of these devices (TVs and VCRs) will not need to be programmed. In the event that programming is required, the code search method is suggested.

Note: With these brands, the device button (TV, VCR1, VCR2•LD, AUDIO) will usually turn the units on. The POWER button will only turn off the device, if you used the TV, VCR1 or AUDIO button to turn the unit on.

### SCIENTIFIC ATLANTIC Cable Boxes:

This brand of cable box can be programmed using the code search method by using the **CHANNEL UP** key rather than **POWER** during Code Search. NOTE: The device must be turned on prior to beginning the code search. Once the device turns off, press and release **ENTER**. In most cases this cable box can be turned on and off using the **CHANNEL UP** key not the **POWER** button. If the unit will not turn on using the **CHANNEL UP** key, then manually turn it on and only partial compatibility will be achieved.

### JERROLD or GENERAL INSTRUMENTS Cable Boxes:

These units can be programmed using the code search method. In some cases, these devices will change channels during the code search. Continue until the unit turns off, then press and release **ENTER**.

### ZENITH and OAK cable boxes

Some Zenith and Oak Cable Boxes require pressing **CHANNEL DOWN** rather than **ENTER** after numeric entry.

# TV Code List

Admiral.....	005	NAD.....	018,023
Amtron.....	064	NEC.....	011,014,019,027,038,084
Akai.....	002	Panasonic.....	012,013,038,086
Anam National.....	038	Penney.....	000,008,011,019, 027,040,068,077,086,088
AOC.....	011,019,027,088	Philco.....	006,007,010,011,013,016,019, 027,033,035,037,038,043,087,089
Bell & Howell.....	005	Philips.....	002,006,007,010,011,013,016, 033,035,037,038,043,066,073
Candle.....	011,027,033	Pioneer.....	011,027,045,062,093
Citizen.....	011,027,033,064	Portland.....	011,019,027,037
Colortyme.....	011,027,084	ProScan.....	000
Concerto.....	011,027	Proton.....	011,027,037,072
Contec/Cony.....	036,037,040,042,064	Quaser.....	012,038,092
Craig.....	064	Radio Shack.....	000,021,025,036, 037,059,064,078
Curtis Mathes.....	000,011,015,027,037	RCA.....	000,006,011,019,027, 034,038,044,046,088
CXC.....	064	Realistic.....	021
Daewoo.....	011,019,027	Sampo.....	011,027
Daytron.....	011,027	Samsung.....	006,011,014,015, 019,027,036,037,077
Dimensia.....	000	Sanyo.....	017,021,039,056,057,058
Electrohome.....	006,011,014,027,038, 061,068	Scott.....	028,037,064
Emerson.....	011,026,027,028,029,030, 031,032,037,042,053,064,065, 067,075,076,078,079,091,094,095,096	Sears.....	000,006,011,014,017,018,021, 023,027,039,040,041,051,071,083,095
Envision.....	011,027	Sharp.....	011,020,025,027,037, 052,053,059,060
Fisher.....	017,021,039,041	Signature.....	005,094
Funai.....	064	Sony.....	002
GE.....	000,008,009,011,012,027, 038,068,086,089,091	Soundesign.....	011,027,033
Goldstar.....	003,004,006,011,019, 027,037,050	Sylvania.....	006,007,010,011,013,016,027, 033,035,043,049,066,087,089
Hallmark.....	011,027	Symphonic.....	064,076
Hitachi.....	009,011,027,036,037,040, 047,048,063,080,094,097,098	Tatung.....	038
Infinity.....	013	Technics.....	012
JBL.....	013	Techwood.....	011,027
Jensen.....	011,027	Teknika.....	011,019,027,033, 036,037,040,066
JVC.....	012,024,036,037,040,048,051,074	Telecaption.....	090
Kawasho.....	002,011,027	TMK.....	011,027
Kenwood.....	006,011,014,027	Toshiba.....	018,021,023,040, 071,077,085,090
Kloss Novabeam.....	035,043	Universal.....	008,009
KTV.....	078	Victor.....	051
Loewe.....	013	Vidtech.....	019,027
Luxman.....	011,027	Wards.....	000,005,006,007,008, 009,010,011,013,019, 025,027,028,035,043, 059,066,076,082,089
LXI.....	000,013,018,021,023,054	Yamaha.....	006,014,019,027
Magnavox.....	006,007,010,011,013,016, 027,033,035,043,049,066,087,089	Zenith.....	001,099
Marants.....	013		
Marantz.....	011,013,027,069		
Memorex.....	005		
MGA.....	006,011,014,019,022, 027,041,056,061,068		
Mitsubishi.....	006,011,014,019,022, 027,041,055,056,061,068		
MTC.....	011,019,027		
Multivision.....	081		

## VCR Code List

Admiral.....	006	NEC .....	002,014,016,030, 044,046,059,061,064
Aiwa.....	015	Panasonic.....	008,053
Akai.....	003,017,022,023,063,066	Pentax .....	005,035,044
Audio Dynamics.....	014,016	Pentex Research.....	046
Bell & Howell .....	002	Philco .....	008,029,053,056
Broksonic .....	010	Philips .....	008,029
Candle .....	007,009,013,044,045, 046,052	Pioneer .....	005,016,033,050
Canon .....	008,053	Portland.....	044,045,052
Capehart .....	001	ProScan.....	000
Citizen.....	007,009,013,044,045, 046,052	Quartz.....	002
Colortyme.....	014	Quasar .....	008,053
Craig.....	007,012	RCA.....	000,005,007,008,028, 035,037,054,069
Curtis-Mathes .....	000,007,008,014, 015,044,046,053,064,067	Radio Shack/Realistic.....	002,006, 008,009,012,015, 019,027,043,053
Daewoo .....	013,045,052	Samsung .....	007,013,022,032,042
dbx.....	014,016	Sansui.....	016,071
Dimensia .....	000	Sanyo .....	002,012
Dynatech .....	015	Scott.....	004,013,041,049,068
Electrohome .....	027	Sears .....	002,005,009,012,018, 019,035,043,048
Emerson .....	008,009,010,013,015, 020,023,027,034,041, 042,047,049,057,062, 065,067,068,070	Sharp .....	006,024,027,039,045
Fisher.....	002,012,018,019, 043,048,058	Shintom .....	017,026,031,035
Funai.....	015	Signature.....	015
GE.....	000,007,008,032,037,053	Sony .....	017,026,038
Goldstar.....	009,014,046,060	Sylvania .....	008,015,029,053,056
Harman Kardon .....	014	Symphonic.....	015
Hitachi.....	005,015,035,036	Tandy.....	002,015
Instant Replay .....	008	Tashiko .....	009
JCL .....	008	Tatung .....	030
JC Penney.....	002,005,007,008,014, .....016,030,035,051,053	Teac.....	015,030,069
JVC.....	002,014,016,030,046	Technics .....	008
Kenwood .....	002,014,016, .....030,044,046	Teknika .....	008,009,015,021
Lloyd.....	015	Toshiba.....	005,013,019,048,049
Logik.....	031	Totevision .....	007,009
Magnavox.....	008,029,053,056	TMK .....	067
Marantz.....	002,008,014,016,029, .....030,044,046,061	Unitech .....	007
Marta.....	009	Vector Research.....	014,016,044
MEI .....	008	Victor .....	016
Memorex.....	008,009,012,015	Video Concepts .....	014,016,044
MGA.....	004,027	Videosonic.....	007
Midland.....	032	Wards.....	005,006,007,008,009,012, 013,015,025,027,031,035
Minolta.....	005,035	Yamaha .....	002,014,016,030,046
Mitsubishi .....	004,005,027,035,040	Zenith .....	011,017,026,072
Montgomery Ward.....	006		
MTC .....	007,015		
Multitech .....	007,015,031,032		

## Laserdisc Player Code List

Pioneer .....	33	RCA.....	37
ProScan.....	37		

## Satellite Receiver Code List

Chaparral .....	80,81	STS2 .....	86
Cheyenne .....	81	STS3 .....	87
Drake .....	82,83	STS4 .....	88
General Instruments .....	92,93,94	Toshiba.....	89
Realistic .....	84	Uniden.....	90
Sierra I,II,III.....	81	Video Cipher II.....	91
STS1 .....	85		

## Cable Box Code List

ABC .....	022,046,053,054	Pioneer.....	018,020,044
Anvision.....	007,008	RCA .....	000,027
Cablestar .....	007,008	Randtek.....	007,008
Diamond.....	056	Regal .....	003,012,013
Eagle .....	007,008	Regency .....	002,033
Eastern Int .....	002	Samsung .....	044
General Instrument*.....	046	Sci. Atlanta * .....	003,022,035
GI 400* .....	004,005,015,023, .....024,025,030,036	Signature.....	046
Hamlin.....	003,012,013,034,048	Sprucer .....	027
Hitachi .....	037,043,046	Starcom.....	046
Jerrold*.....	004,005,015,023,024,025, .....030,036,045,046,047	Stargate 2000.....	058
Macom .....	037,043	Sylvania.....	011,059
Magnavox 007,008,019,021,026,028, .....029,032,033,040,041		Teknika.....	006
NSC .....	009	Texscan .....	010,011,059
Oak* .....	001,016,038	Tocom .....	017,021,049,050,055
Oak Sigma.....	016	Unika.....	031,032,041
Panasonic .....	003,027,039,061	Universal .....	051,052,060
Philips.....	007,008,019,021,026,028, .....029,032,033,040,041	Viewstar .....	007,008,019,021,026,028, .....029,032,033,040,041
		Warner Amex.....	044
		Zenith* .....	014,042,057,061

## TV/VCR Combinations

Use TV or VCR codes listed for your brand to operate your TV/VCR combo unit.

\* See special notes on page 10.

# Audio Equipment Code List

ADS		ONKYO	
AMP.....	01	AM/FM.....	82
AIWA		CD.....	78
CD.....	60	TAPE.....	80,81
AKAI		PHONO.....	79
AMP.....	02,08	PANASONIC	
DENON		AMP.....	12
CD.....	57	AM/FM.....	38
DYNAMIC BASS		CD.....	36,83
AM/FM.....	29	TAPE.....	37
CD.....	25	PHILLIPS	
TAPE.....	26,27	AMP.....	62
PHONO.....	28	AM/FM.....	62
EMERSON		CD.....	61
CD.....	66	PIONEER	
FISHER		AMP.....	14
AMP.....	23	AM/FM.....	42
CD.....	67	CD.....	39
HITACHI		TAPE.....	40,41
CD.....	63	RCA	
JVC		AMP.....	24
AMP.....	16,58	AM/FM.....	03
AM/FM.....	30,35	CD.....	07,43,44
CD.....	32	TAPE.....	06
TAPE.....	33,34	PHONO.....	05
AUX.....	31	AUX.....	04,54
KENWOOD		REALISTIC	
AMP.....	17,74	CD.....	63,66
AM/FM.....	74	SANSUI	
CD.....	67,70,77	CD.....	45
TAPE.....	71,72	SCOTT	
PHONO.....	73	CD.....	66
KYOCERA		TAPE.....	55,56
AMP.....	09	SHERWOOD	
LOTTE (NEC)		AMP.....	11,13
CD.....	75	SONY	
MAGNAVOX		AMP.....	21
AMP.....	65	AM/FM.....	49
AM/FM.....	65	CD.....	46
CD.....	61	TAPE.....	48,53
MARANTZ		PHONO.....	47
AMP.....	22,76	TEAC	
AM/FM.....	76	AMP.....	10
CD.....	68	CD.....	69
MITSUBISHI		TECHNICS	
AMP.....	15,59	AM/FM.....	52
AM/FM.....	59	CD.....	50
NAKAMICHI		TAPE.....	51
AMP.....	20	YAMAHA	
		AMP.....	18,19



# **RCA** Universal Remote

**THIS SYSTEMLINK™ 5+  
REMOTE CONTROL IS  
COMPATIBLE WITH MOST MODELS  
OF THE FOLLOWING BRANDS**  
(with infrared controlled components  
manufactured after 1984):

© 1994 Thomson Consumer Electronics, Inc.  
2000 Clements Bridge Road  
Deptford, NJ 08096-2088  
Made in Mexico  
Printed and packaged in the USA  
Part Number 1Q57 437-01A

**RCU500**