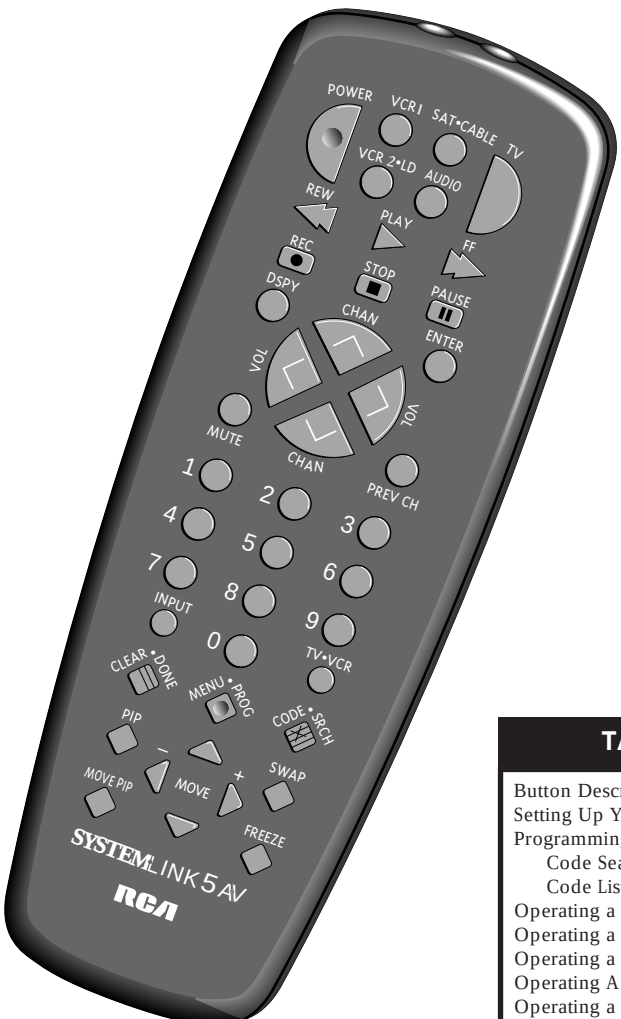
RCU500

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.

TABLE OF CONTENTS

Button Description 2
Setting Up Your Universal Remote 2
Programming Your Universal Remote
- Code Search.....3
- Code Lists 4

Operating a TV 5
Operating a Cable Box 6
Operating a Satellite Receiver.....6
Operating A VCR.....7
Operating a Laserdisc Player 8
Operating Audio Equipment.....9
Operating A TV/VCR Combo 10
Special Operations.....10
Code Lists
- TV.....11
- VCR 12
- Laserdisc Player 13
- Satellite Receiver 13
- Cable Box 13
- TV/VCR Combinations 13
- Audio Equipment 14

Warranty.....Center Card

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.

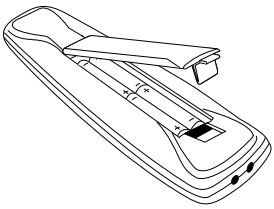
Number Buttons (0-9)
Use these buttons to directly enter channel numbers for a TV, VCR and Cable Box. Also used for accessing pre-set channels of an AM/FM tuner or entering disk and track numbers for a CD player. Also used for entering program code numbers from brand lists.

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

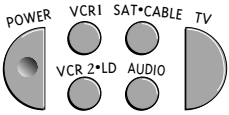
1. Remove the battery compartment cover.
2. Place four AAA batteries as shown, matching the + and – end of each battery as indicated in the battery compartment.
3. Replace the cover.



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.

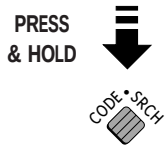


Programming Your Universal Remote

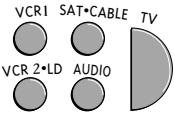
The remote may already be set up to operate your brand of TV, VCR, Laserdisc, Satellite Receiver, Audio Equipment, or Cable Box. It is pre-programmed with the following codes: TV-000, VCR1-000, AUDIO-003, and SAT•Cable Box-000. For brands that require programming, there are two ways to program: Using 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**.

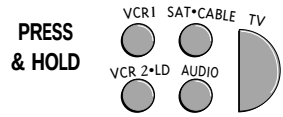
7. With the device on, press another button, for example **CHANNEL UP**. If the device responds, no further programming is required. If the device does not respond, repeat steps 1-7.

Programming Your Universal Remote

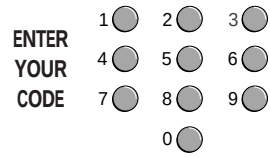
Programming a Device using the Code Lists

1. Find codes for each device and brand on page numbers shown below.

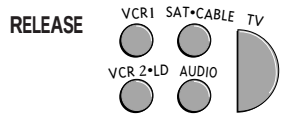
2. Press and hold the **TV, VCR1, VCR2•LD, SAT•CABLE**, or **AUDIO** button you want to set up.



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



Device	Page
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

VCR1 CODE

VCR2•LD CODE

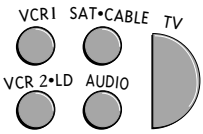
SAT•CABLE CODE

AUDIO

Operating A TV

Turning the TV On and Off.

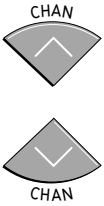
1. Press **TV** to set the remote to control the TV (Most RCA, GE and ProScan models will only turn on when TV is pressed, not POWER.)



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.

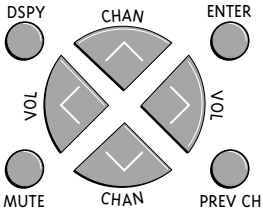


Use the buttons below to adjust features on your TV.

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.



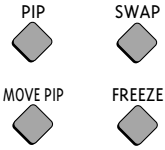
If your TV has picture-in-picture, you may be able to use the following buttons to adjust PIP.

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.

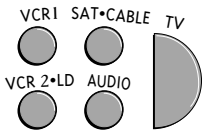


You may want to experiment with the remote to determine all the buttons which will work with your TV.

Operating A Cable Box

Turning the Cable Box On and Off.

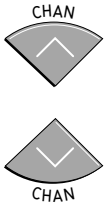
1. Point the remote at the cable box and press **SAT•CABLE.**



2. Press **POWER** to turn it on or off.

Changing Channels on the Cable Box.

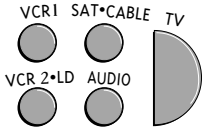
Press **CHANNEL UP** or **DOWN** to change channels on the cable box or enter the channel as you would normally for your cable box.



Operating A Satellite Receiver

Turning the Satellite Receiver On and Off.

1. Point the remote at the Satellite Receiver and press **SAT•CABLE.**



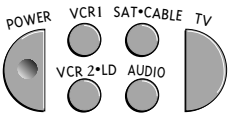
2. Press **POWER** to turn it on or off.

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).



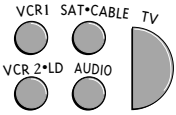
2. Press **POWER** to turn the VCR on or off.

Watch a tape in your VCR.

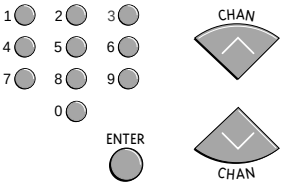
1. Turn on the VCR.
2. Insert a tape in the VCR.
3. Press **PLAY** to start the tape.
4. Press **STOP** when you are finished.
5. Press **REW** to rewind the tape.
6. Press **PAUSE** to pause the tape.

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

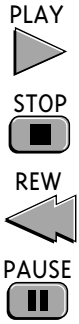
Turn the Audio Equipment On and Off.

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

VCR Code List

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

Laserdisc Player Code List

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

Satellite Receiver Code List

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

Cable Box Code List

ABC 022,046,053,054
Anvision.....007,008
Cablestar 007,008
Diamond.....056
Eagle 007,008
Eastern Int. 002
General Instrument*.....046
GI 400* 004,005,015,023,
.....024,025,030,036
Hamlin.....003,012,013,034,048
Hitachi 037,043,046
Jerrold*.....004,005,015,023,024,025,
.....030,036,045,046,047
Macom 037,043
Magnavox 007,008,019,021,026,028,
.....029,032,033,040,041
NSC 009
Oak* 001,016,038
Oak Sigma.....016
Panasonic 003,027,039,061
Philips 007,008,019,021,026,028,
.....029,032,033,040,041
Pioneer.....018,020,044
RCA 000,027
Randtek.....007,008
Regal 003,012,013
Regency 002,033
Samsung 044
Sci. Atlanta * 003,022,035
Signature.....046
Sprucer 027
Starcom.....046
Stargate 2000 058
Sylvania.....011,059
Teknika.....006
Texscan 010,011,059
Tocom 017,021,049,050,055
Unika.....031,032,041
Universal 051,052,060
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
- AMP 01

AIWA
- CD 60

AKAI
- AMP 02,08

DENON
- CD 57

DYNAMIC BASS
- AM/FM 29
- CD 25
- TAPE 26,27
- PHONO 28

EMERSON
- CD 66

FISHER
- AMP 23
- CD 67

HITACHI
- CD 63

JVC
- AMP 16,58
- AM/FM 30,35
- CD 32
- TAPE 33,34
- AUX 31

KENWOOD
- AMP 17,74
- AM/FM 74
- CD 67,70,77
- TAPE 71,72
- PHONO 73

KYOCERA
- AMP 09

LOTTE (NEC)
- CD 75

MAGNAVOX
- AMP 65
- AM/FM 65
- CD 61

MARANTZ
- AMP 22,76
- AM/FM 76
- CD 68

MITSUBISHI
- AMP 15,59
- AM/FM 59

NAKAMICHI
- AMP 20

ONKYO
- AM/FM 82
- CD 78
- TAPE 80,81
- PHONO 79

PANASONIC
- AMP 12
- AM/FM 38
- CD 36,83
- TAPE 37

PHILLIPS
- AMP 62
- AM/FM 62
- CD 61

PIONEER
- AMP 14
- AM/FM 42
- CD 39
- TAPE 40,41

RCA
- AMP 24
- AM/FM 03
- CD 07,43,44
- TAPE 06
- PHONO 05
- AUX 04,54

REALISTIC
- CD 63,66

SANSUI
- CD 45

SCOTT
- CD 66
- TAPE 55,56

SHERWOOD
- AMP 11,13

SONY
- AMP 21
- AM/FM 49
- CD 46
- TAPE 48,53
- PHONO 47

TEAC
- AMP 10
- CD 69

TECHNICS
- AM/FM 52
- CD 50
- TAPE 51

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