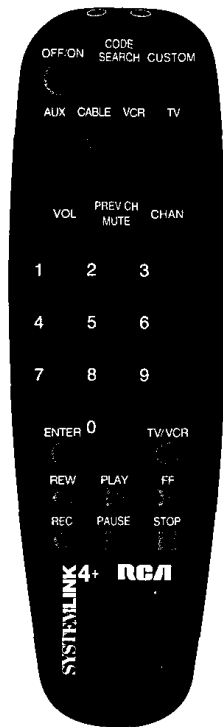


Universal Remote Control



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

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Warranty	Center Card

Button Description

Code Search Button

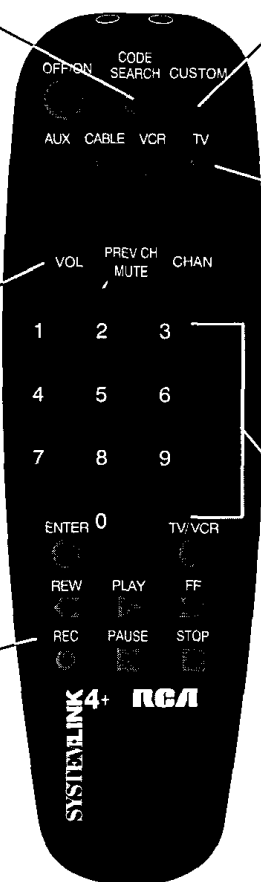
Programs devices by searching through brand codes. Use when code lists are not available or when the listed code does not work with your device. *See page 3.*

Channel and Sound (VOL, PREV CH, MUTE, CHAN, ENTER)

Use these buttons to control sound and channel changes.

VCR Buttons (TV/VCR, REW, PLAY, FF, REC, PAUSE, STOP)

Use these buttons to control tape playback from a VCR and to record.



Custom TV Button

Sets the remote to bring up favorite channels programmed for a number button.

See page 6.

Device Buttons (AUX, CABLE, VCR, TV)

Determines which device you are controlling. Buttons light to show which device is selected. (AUX can be set to control a second Cable Box, VCR or TV).

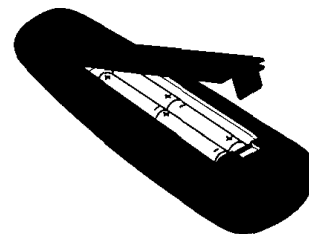
Number Buttons (0-9)

Use these buttons to directly enter channel numbers for a TV, VCR and Cable Box. Also used for entering program code numbers from brand lists and when programming and using Custom TV feature.

Setting Up Your Universal Remote

Place Batteries in the remote

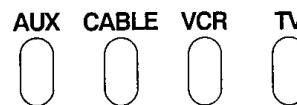
1. Remove the battery compartment cover.
2. Place four AAA batteries as shown, matching the + and - end of each battery as indicated in the battery compartment.
3. Replace the cover.



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.

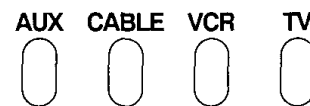
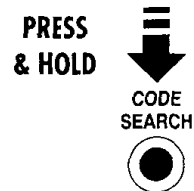


Programming Your Universal Remote

The remote may already be set up to operate your brand of TV, VCR, or Cable Box. It is pre-programmed with the following codes: TV-000, VCR-000, Cable Box-000 and AUX is programmed with VCR code 037. 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**

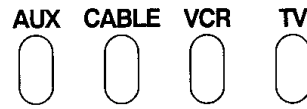
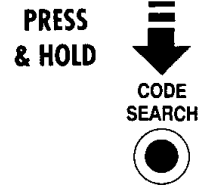
1. Manually turn on your device (TV, VCR, Cable Box).
2. Press and hold **CODE SEARCH**.
3. Press and release the device button you want to set up (TV, VCR, or CABLE). However, if you are using AUX for a device, press and release AUX first and then the device button for the type of device to be programmed (TV, VCR, or CABLE). The selected device button will flash once.
4. Release **CODE SEARCH**.
5. Press **OFF/ON** repeatedly until the device turns off (you may have to press up to 100 times at a rate of once per second).
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

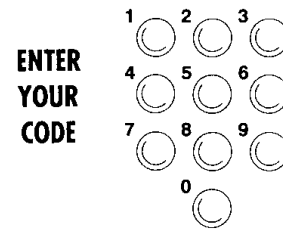
Programming a Device using the Code Lists

1. Find codes for each device and brand on page numbers shown below.
2. Press and hold **CODE SEARCH**.
3. Press and release the **TV, VCR, or CABLE** button you want to set up. If programming **AUX** for a device, press and release **AUX** first and then the device to be programmed (TV, VCR, Cable Box). When the selected device button flashes proceed to the next step.



4. Enter the three digit code from the TV, VCR or Cable Box code list.

<u>Device</u>	<u>Page</u>
TV	9
VCR	10
Cable Box	11



5. Release **CODE SEARCH**.



6. 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 2-5 using another code.



7. Enter your device codes here for easy reference.

TV CODE

--	--	--

CABLE BOX CODE

--	--	--

VCR CODE

--	--	--

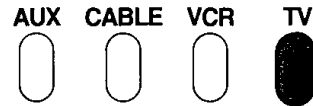
AUX CODE

--	--	--

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 **OFF/ON**).
2. Press **OFF/ON** to turn the TV on or off.



OFF/ON



Change Channels on the TV

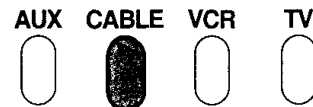
Press **CHANNEL UP** or **CHANNEL DOWN** to change channels on the TV or enter the channels as you would normally for your TV.



Operating A Cable Box

Turning the Cable Box On and Off.

1. Point the remote at the cable box and press **CABLE**.
2. Press **OFF/ON** to turn it on or off.



OFF/ON



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.

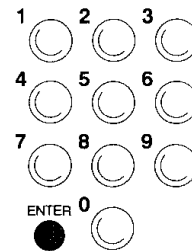


Custom TV (Systemlink Exclusive)

The **CUSTOM** button allows you to store 10 of your favorite TV channels in memory. You can access these channels using the remote's number buttons. Follow the steps below to program channels to each of the number buttons.

Programming the Custom Button

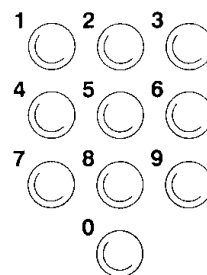
1. Press and hold **CUSTOM**.
2. Press the number (0-9) you want to use to bring up the custom channel. For example, if you want to program channel 12 to the number 1 button, press 1.
3. Enter the channel number as you would normally. Up to three buttons may be pressed, including the **ENTER** button.
4. Release **CUSTOM**. The Custom button will flash once if programming was successful. If it does not flash, it was not programmed. Try again.
5. Repeat steps 1-4 for each additional channel.



Using the CUSTOM feature

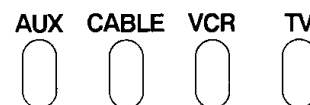
1. Press and release **CUSTOM**.
2. Press a number button to bring up the Custom channel programmed. Custom will flash if the button has been previously programmed. There will be a slight delay as channels change, so be sure to hold the number button down until the channel changes.
3. The **CHANNEL UP** or **DOWN** keys can now be used to cycle through all programmed number buttons while in the Custom mode.

CUSTOM



To Turn off the Custom Feature.

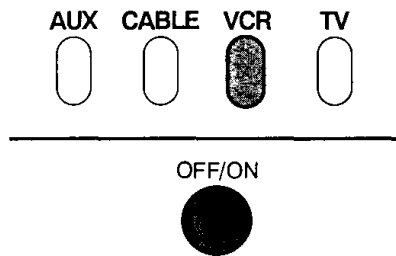
Press any device button (**TV**, **VCR**, **CABLE**, **AUX**) to exit the remote from the Custom mode and place it in normal operating mode.



Operating A VCR

Turn the VCR On and Off.

1. Press **VCR** to set the remote to control the VCR. (Most RCA, GE and ProScan models will only turn on when pressing VCR not OFF/ON).
2. Press **OFF/ON** to turn the VCR on or off.



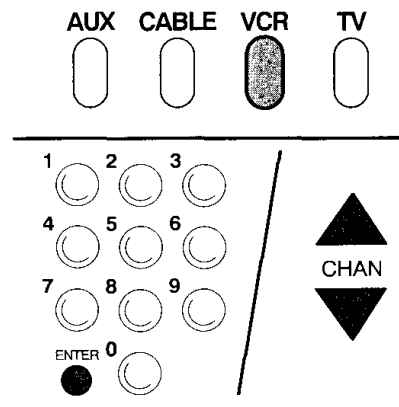
Watch a tape in your VCR.

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.

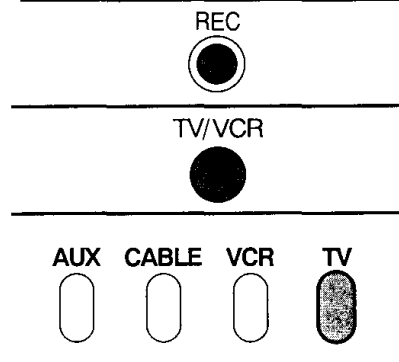


Record one channel and watch another.

1. Press **VCR** to set the remote to control the VCR. If you programmed AUX for a VCR, press **AUX**.
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).



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, VCR) will usually turn the units on. The OFF/ON button will only turn these devices off.

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 **OFF/ON** 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 **OFF/ON** 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.

Low Battery Warning

When your batteries are weak, the device keys will light sequentially indicating it is time to change batteries.

TV Code List

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

VCR Code List

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

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 *	003,022,025
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	Universal	051,052
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

TV/VCR Combinations

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

* See special notes on page 8.

RCA

Universal
Remote

It Consolidates

▼ **LIGHTED DEVICE KEYS:**
Shows you what device is being operated ... even in the dark.

▼ **CUSTOM TV:**
Preset up to 10 of your favorite stations. Quickly access stations you watch most by pressing a number key.

▼ **TRANSMIT/LOW BATTERY WARNING LIGHTS:**
The lights show the remote is working and flash when it's time to change batteries.

▼ **CODE SEARCH:**
Scans the entire code library to find the right code for your TV, VCR, or Cable Box at the touch of a button.

▼ **CODE SAVER:**
Holds a charge and saves your codes while you change batteries.

▼ **TOLL-FREE CONSUMER HELPLINE:**
A customer service representative is ready to help with questions. See the instruction book for details.

Requires Four (4) AAA Batteries (Not Included)



THIS SYSTEMLINK™ 4+ REMOTE CONTROL IS COMPATIBLE WITH MOST MODELS OF THE FOLLOWING BRANDS
(with infrared controlled components manufactured after 1984):

TV

Admiral	GE	Mitsubishi	Scott
Akai	Goldstar	Montgomery	Sears
Amtron	Hallmark	Ward	Sharp
Anam National	Hitachi	MTC	Sony
AOC	Infinity	Multivision	Soundesign
Bell & Howell	JBL	NAD	Sylvania
Candle	JCPenney	NEC	*Symphonic
Citizen	Jensen	*Panasonic	Tatung
Colortyme	JVC	Philco	Technics
Concerto	Kawasho	Philips	Techwood
Contec/Cony	Kenwood	Pioneer	Teknika
Craig	Kloss Novabeam	Portland	Telecaption
Curtis Mathes	KTV	ProScan	TMK
CXC	Loewe	Proton	Toshiba
Daewoo	Luxman	Quasar	Universal
Daytron	LXI	Radio Shack	Victor
Electrohome	*Magnavox	RCA	Vidtech
Emerson	Marantz	Realistic	Wards
Envision	Megatron	Sampo	Yamaha
Fisher	Memorex	*Samsung	Zenith
Funai	MGA	Sanyo	

VCR

Admiral	Goldstar	MTC	Sharp
Aiwa	Harman	Multitech	Shintom
Akai	Kardon	NEC	Sony
Audio Dynamics	Hitachi	*Panasonic	Sylvania
Bell & Howell	Instant Replay	Pentax	*Symphonic
Broksonic	JCL	Pentax-	Tandy
Candle	JCPenney	Research +	Tashiko
Canon	JVC/Victor	Philco	Tatung
Capehart	Kenwood	Philips	Teac
Citizen	Lloyd	Pioneer	Technics
Colortyme	Logic	Portland	Teknika
Craig*	Magnavox	ProScan	TMK
Curtis Mathes	Marantz	Quartz	Toshiba
Daewoo	Marta	Quasar	Television
dbx	MEI	Radio Shack	Unitech
Dimensia	Memorex	RCA	Vector Research
Dynatech	MGA	Realistic	Victor
Electrohome	Midland	*Samsung	Video Concepts
Emerson	Minolta	Sansui	Videasonic
Fisher	Mitsubishi	Sanyo	Wards
Funai	Montgomery	Scott	Yamaha
GE	Ward	Sears	Zenith

Cable Box

ABC	Hitachi	RCA	Sylvania
Anvision	Jerrold	Randtek	Teknika
Cablestar	Macom	Regal	Texscan
Diamond	Magnavox	Regency	Tocom
Eagle	NSC	Samsung	Unika
Eastern Int.	Oak	Sci. Atlanta	Universal
General	Oak Sigma	Signature	Viewstar
Instruments	Panasonic	Sprucer	Warner Amex
GI 400	Philips	Starcom	Zenith
Hamlin	Pioneer	Stargate 2000	

* Also works TV/VCR combinations

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