

Model CRUCU100  
**RCA System Link™ Remote Owner's Manual**

Thank you for choosing the RCA System Link 5 Universal Remote Control. You have selected a fine product designed to give you years of performance. Before attempting to use your new remote control, please review the set-up instructions that follow.

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**SystemLink™ Remote Control model CRUCU100  
replaces infrared remote controls  
manufactured after 1984.**

## Button Functions & Component Compatibility

The buttons with a ● beside them in the chart below indicate which function can work with which component. (Ex. The ON/OFF function can work with a TV, VCR, Cable Box or Audio Component). The age, brand, model and type of component may prevent it from responding to all the function buttons. Experiment with each button to determine the exact function for your component(s).

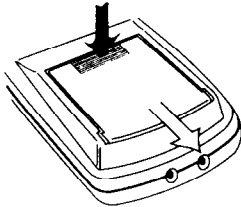
The buttons with a ■ beside them may operate selected models of RCA and GE components only. They will probably not control other brands, but you should experiment with your brand component to determine if these buttons have any effect. Complete operating details for these buttons can be found in selected RCA and GE owner's manuals.

<u>BUTTON</u>	<u>DESCRIPTION</u>	<u>TV</u>	<u>VCR</u>	<u>CABLE</u>	<u>AUDIO</u>
ON/OFF	On or Off	●	●	●	●
VCR1	Operates First VCR		●		
VCR2	Operates Second VCR		●		
AUDIO	Operates one audio component				●
CABLE	Operates cable box			●	
TV	Operates television	●			
REW	Rewind		●		●
FF	Fast Forward		●		●
STOP	Stops Function		●		●
PLAY	Starts Function		●		●
REC*	Record Function		●		●
TV/VCR	Record one channel while watching another		●		
PROG	Program Function		■		
PAUSE	Pauses Function		●		●
DISPLAY	Displays on-screen menu	■	■		
CLEAR	Clears on-screen display	■	■		
ID	Identity	●	●	●	●
PC/ENTR	Previous Channel/Enter	■			
CHAN	Channel Up and Down	●	●	●	●
VOL	Volume	●	●		●
-and+	Menu	■			
VIDEO	Display Video Functions	■			
AUDIO	Display Audio Functions	■			
SETUP	Display Setup Functions	■			
MUTE	Blocks Volume	●			
PIP	Picture-in-Picture	■			
SWAP	Swaps PIP	■			

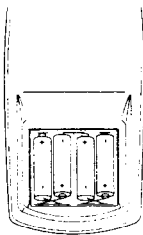
\*The REC button is recessed by design to help prevent accidental recordings. Additionally, certain brands of VCR's may require you to press both the REC and PLAY buttons simultaneously to start the VCR recording.

Before attempting to operate your remote control, install the batteries as shown below.

1. Turn the remote control face down and press on the ribbed area of the battery cover to slide it off.



2. Install four new alkaline “AAA” batteries in the battery compartment as shown. Match the + end of each battery to the + marks in the battery compartment.



3. Replace the cover.

- Replace the batteries when your components fail to respond to the remote control. You may have to reprogram the code numbers when you change batteries. Do not press any buttons while changing batteries.

- The remote control produces an invisible (infrared) beam that travels in a straight line like the beam of a flashlight. For this reason, when operating the remote control, you must point it directly at the remote sensor on the component you want to control. Objects between the remote and the sensor can block the infrared light beam.
- Never place anything heavy on top of the remote control or lay it upside-down. This may accidentally depress the buttons for a long time and discharge the batteries.
- Your remote control is designed to be very rugged and will withstand a considerable drop. If it receives an extreme blow, the case is designed to slightly separate at the seam rather than fracture. If this happens, simply squeeze the case where it separated until it snaps back together. The operation of the remote will probably not be affected.

# Simple Set-Up Instructions

## GETTING STARTED

1. After the batteries are installed, your next step is to set up the codes for each component you wish to operate. (YOUR COMPONENT WILL NOT OPERATE WITH THE REMOTE UNTIL ITS CODE IS SET UP.)
2. In the space below, write the brands and codes of each of your remote controlled components.

<u>Component</u>	<u>Brand</u>	<u>Code(s)</u>
TV	_____	_____
VCR1	_____	_____
VCR2	_____	_____
Cable Box	_____	_____
Audio Component	_____	_____

3. Find the codes for each brand on the charts following these instructions.

### Code Listings

<u>Component</u>	<u>Page</u>
TV	6
VCR	7
Cable Box	8
Audio Components	9

Since there may be more than one code listed for your brand of TV, VCR, Cable Box or Audio Component, note all the codes listed.

## SETTING UP YOUR CODES

Set up each component using steps 4-8 below. Repeat the steps for each component you intend to operate with the remote control.

4. Press the component button on the remote that matches the component you want to set up (TV, VCR1, VCR2, Cable or Audio).
5. Press the ID button (The ID button is located above the No. 3 key).
6. Within three seconds of pressing the ID button, use the 0-9 keypad to enter the two digit code listed for your brand.
7. Point the remote at the component you want to operate and press the ON/OFF button. If it turns on, you are ready to set up your next component. For easy reference, circle the code in the chart on the left that turned on your component.
8. If the component does not turn on, repeat steps 4-7 with the next code listed for your brand. Continue repeating until you find a code that works.

**Please Note:** If none of the codes for your device work, try all codes starting with 00. Since some of the brands include products made by a variety of manufacturers, the code may be listed under another brand name.

# Instructions simples d'installation

## MISE EN ROUTE

- Après avoir installé les piles, programmez les codes pour chaque composant que vous désirez commander. (LE COMPOSANT NE FONCTIONNE AVEC LA TÉLÉCOMMANDE QU'UNE FOIS QUE SON CODE EST PROGRAMMÉ.)
- Dans l'espace ci-dessous, inscrivez les marques et les codes de chacun des composants commandés par la télécommande.

<u>Composant</u>	<u>Marque</u>	<u>Code(s)</u>
Téléviseur	_____	_____
Magnétoscope 1	_____	_____
Magnétoscope 2	_____	_____
Câblosélecteur	_____	_____
Composant audio	_____	_____

- Trouvez le code de chaque marque dans les tableaux à la suite de ces instructions.

### Liste de codes

<u>Composant</u>	<u>Page</u>
Téléviseur	6
Magnétoscope	7
Câblosélecteur	8
Composants audio	9

Étant donné qu'il peut exister plus d'un code pour la marque de votre téléviseur, magnétoscope, câblosélecteur ou composant audio, notez tous les codes énumérés.

## PROGRAMMATION DES CODES

- Programmez chaque code en suivant les étapes 4 à 8 ci-dessous. Répétez les étapes pour chaque composant que vous désirez commander avec la télécommande.
- Appuyez sur le bouton de composant de la télécommande correspondant au composant que vous désirez programmer (TV, VCR 1, VCR 2, Cable ou Audio).
  - Appuyez sur le bouton ID (au-dessus de la touche 3).
  - Dans les trois secondes suivant l'enfoncement du bouton ID, utilisez les touches 0 à 9 pour entrer le code à deux chiffres correspondant à la marque de l'appareil.
  - Pointez la télécommande en direction du composant à commander et appuyez sur le bouton ON/OFF. Si l'appareil s'allume, vous pouvez programmer le composant suivant. Pour faciliter la référence encerclez le code dans le tableau à gauche qui a permis d'allumer le composant.
  - Si le composant ne se met pas en marche, répétez les étapes 4 à 7 avec le code suivant pour la marque. Continuez ainsi jusqu'à ce que vous trouviez un code qui fonctionne.
- Remarque:** Si aucun des codes convient à votre appareil, essayez tous les codes en commençant par 00. Étant donné que certaines marques comprennent des produits fabriqués par différents fabricants, le code peut figurer sous un autre nom de marque.

# TV Brand Codes

TV Brand	Code(s)	TV Brand	Code(s)
Akai	02	NAD	18,23
Anam National	38	NEC	11,14,19,27,38
AOC	11,19,27	Panasonic	12,13,38
Candle	11,27,33	Philco	06,07,10,(more) 11,13,16,19,27,33,35,37,38,43
Citizen	11,27,33,64	Philips	06,07,10,(more) 11,13,16,33,35,37,38,43
Colortyme	11,27	Pioneer	11,27,45,62
Concerto	11,27	Portland	11,19,27
Contec, Cony	36,37,40,42,64	ProScan	00,46
Craig	64	Proton	11,27,37
Curtis Mathes	00,11,15,27	Quasar	12,38
CXC	64	Radio Shack	00,21,25,36,37,59,64
Daewoo	11,19,27	RCA	00,06,11,19,27,34,38,44,46
Daytron	11,27	Realistic	21
Electrohome	06,11,14,27,38,61	Sampo	11,27
Emerson	11,26,27,28,29,(more) 30,31,32,37,42,53,64,65	Samsung	06,11,14,15,19,27,36,37
Envision	11,27	Sanyo	17,21,39,56,57,58
Fisher	17,21,39,41	Scott	11,28,37,64
Funai	21,64	Sears	00,06,11,14,17,(more) 18,21,23,27,39,40,41,51
GE	00,08,09,11,12,27,38	Sharp	11,20,25,27,37,52,53,59,60
Goldstar	03,04,06,11,19,27,37,50	Sony	02
Hallmark	11,27	Soundesign	11,27,33
Hitachi	09,11,27,36,37,40,47,63	Sylvania	06,07,10(more) 11,13,16,27,33,35,43,49
Infinity	13	Symphonic	64
JBL	13	Tatung	38
Jensen	11,27	Technics	12
JCPenney	00,08,11,19,27	Techwood	11,27
JVC	12,24,36,37,40,48,51	Tecknika	11,19,27,33,36,37,40
Kawasho	02,11,27	TMK	11,27
Kenwood	06,11,14,27	Toshiba	18,21,23
Kloss Novabeam	35,43	Universal	08,09
Loewe	13	Victor	51
Luxman	11,27	Vidtech	19,27
LXI	13,18,21,23,54	Wards	00,05,06,07,08,(more) 09,10,11,13,19,25,27,28,35,43,59
Magnavox	06,07,10,(more) 11,13,16,27,33,35,43	Yamaha	06,14,19,27
Marantz	11,13,27	Zenith	01
MGA	06,11,14,19,22,27,41,56,61		
Mitsubishi	06,11,14,(more) 19,22,27,41,55,56,61		
MTC	11,19,27		

# VCR Brand Codes

VCR Brand	Code(s)	VCR Brand	Code(s)
Aiwa	.....15	MTC	.....07,15
Akai	.....03,17,22,23	Multitech	.....07,15,31,32
Audio Dynamics	.....14,16	NEC	.....02,14,16,30
Broksonic	.....10	Panasonic	.....08
Candle	.....07,09,13	Pentax	.....05,35
Canon	.....08	Philco	.....08,29
Capehart	.....01	Philips	.....08,29
Citizen	.....07,09,13	Pioneer ...05,16,33(Laser Disc Player)	
Colortyme	.....14	ProScan	.....00
Craig	.....07,12	Quartz	.....02
Curtis Mathes	.....00,07,08,14,15	Quasar	.....08
Daewoo	.....13	RCA	.....00,05,07,08,28,35,37
dbx	.....14,16	Radio Shack/Realistic	.....02,06,(more)
Dimensia	.....00	.....08,09,12,15,19,27,43	
Dynatech	.....15	Samsung	.....07,13,22,32,42
Electrohome	.....27	Sansui	.....16
Emerson	.....08,09,10,13,(more)	Sanyo	.....02,12
.....15,20,23,27,34,41,42		Scott	.....04,13,41
Fisher	.....02,12,18,19,43	Sears	.....02,05,09,12,15,18,19,35,43
Funai	.....15	Sharp	.....06,24,27,39
GE	.....00,07,08,32	Shintom	.....17,26,31
Goldstar	.....09,14	Sony	.....17,26,38
Harmon Kardon	.....14	Sylvania	.....08,15,29
Hitachi	.....05,15,35,36	Symphonic	.....15
Instant Replay	.....08	Tandy	.....02,15
JCL	.....08	Tashiko	.....09
JCPenney	.....02,05,07,08,14,16,30,35	Tatung	.....30
JVC	.....02,14,16,30	Teac	.....15,30
Kenwood	.....02,14,16,30	Technics	.....08
Lloyd	.....15	Teknika	.....08,09,15,21
Logik	.....31	Toshiba	.....05,13,19
Magnavox	.....08,29	Totevision	.....07,09
Marantz	.....02,08,14,16,29,30	Unitech	.....07
Marta	.....09	Vector Research	.....14,16
MEI	.....08	Victor	.....16
Memorex	.....08,09,12,15	Video Concepts	.....14,16
MGA	.....04,27	Videosonic	.....07
Midland	.....32	Wards	.....05,06,07,08,(more)
Minolta	.....05,35	.....09,12,13,15,25,27,31,35	
Mitsubishi	.....04,05,27,35,40	Yamaha	.....02,14,16,30
Montgomery Ward	.....06	Zenith	.....11,17,26

# Cable-TV Box & Audio Brand Codes

TV Brand	Code(s)
ABC.....	22,46
Anvision.....	07,08
Cablestar.....	07,08
Eagle.....	07,08
Eastern International.....	02
General Instrument.....	04,05,15,22,23,24,25,46
GI400.....	04,05,15,23,24,25,30,36
Hamlin.....	03,12,13,34,48
Hitachi.....	37,43,46
Jerrold.....	04,05,15,23,(more) 24,25,30,36,45,46,47
Macom.....	37,43
Magnavox.....	07,08,19,21,(more) 26,28,29,32,33,40,41
NSC.....	09
Oak.....	01,16,38
Oak Sigma.....	16
Panasonic.....	03,27,39
Phillips.....	07,08,19,21,26,28,29,32,33,40,41
Pioneer.....	18,20,24
RCA.....	00,27
Randtek.....	07,08
Regal.....	03,12,13
Regency.....	02,33
Samsung.....	44
Scientific Atlanta.....	03,22,35
Signature.....	46
Sprucer.....	27
Starcom.....	46
Sylvania.....	11
Teknika.....	06
Texscan.....	10,11
Tocom.....	17,21,49,50
Unika.....	31,32,41
Universal.....	51,52
Viewstar.....	07,08,19,21,(more) 26,28,29,32,33,40,41
Warner Amex.....	44
Zenith.....	14,42



# Audio Component Brand Codes

	<u>AMP</u>	<u>AM/FM</u>	<u>CD</u>	<u>TAPE</u>	<u>PHON</u>	<u>AUX</u>
ads	01					
Aiwa			60			
Akai	02,08					
Denon			57			
Dimensia		03	07	06	05	04
Dynamic Bass		29	25	26,27	28	
Emerson			66			
Fisher	23		67			
Hitachi			63			
JVC	16,58	30,35	32	33,34		31
Kenwood	17,74	74	67,70,77	71,72	73	
Kyocera	09					
Lotte (NEC)			75			
Magnavox	65	65	61			
Marantz	22,76	76	68			
Mitsubishi	15,59	59				
Nakamichi	20					
Panasonic	12	38	36	37		
Philips	62	62	61			
Pioneer	14	42	39	40,41		
RCA	24	03	07,43,44	06	05	04,54
Realistic						
Sansui			63,66			
Scott			45	55,56		
Sherwood	11,13		66			
Sony	21	49		48,53	47	
Teac	10		46			
Technics		52	69	51		
Yamaha	18,19		50			

# Additional Operating Notes

## Controlling a Component's

### Function:

Press the correct component button to tell the remote which component you want to control. Then press the desired function button. For example, to turn the TV on: First hit the TV button, then the ON/OFF button. Or to operate the fast forward function of a VCR, first hit the VCR button, then the fast forward arrow button.

### Number Buttons:

Press two numbers to select channel. Press a "0" before a single-digit channel number.

For some TV's there will be a 2-second delay before the channel will change.

**For other brands of TV's, you will need to press the *PC/ENTER* button after selecting the two number buttons.**

### VCR On/Off Switch:

Some older VCR's do not have an *ON/OFF* switch on their remote controls and cannot be turned on and off remotely. If you have this type of VCR, you can test the code number by pressing the *CHAN* button instead of the *ON/OFF* button. Make sure the VCR is already turned on when you test the code number.

## Controlling Two VCR's

This remote can control two VCR's independently as long as each VCR operates in a different remote transmitting code.

Some newer RCA VCR's are capable of working on either of two remote codes. These VCR's have either a switch labeled *VCR1/VCR2* or an on-screen display titled *REMOTE VCR1/VCR2*. You can then set your new VCR to respond to the remote's *VCR2* button and your older VCR to respond to the *VCR1* button.

Some older RCA VCR's have a *NORM/UNIFIED* switch that can also respond to either the *VCR1* or *VCR2* button on the remote. Place this switch in the *UNIFIED* position for the VCR to respond to the *VCR1* button or in the *NORM* position for the *VCR2* button. In the *NORM* position, you must program the *VCR2* button to respond to code number 05.

If neither of your VCR's has switchable code capability, you may still be able to use the *VCR1/VCR2* feature to control two VCR's of the same brand since many older VCR's use remote codes that are different than newer VCR's. You may want to experiment to see what works with your particular VCR's.

## Limited Warranty

Thomson Consumer Electronics Canada, Inc. warrants that for 90 days from date of purchase this product is free from defects in material and workmanship. If the item is defective within that period, return it at your expense to the dealer from whom it was purchased together with the proof of purchase for replacement. This warranty excludes defects or damage due to misuse, abuse, or neglect.

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## Garantie limitée

Thomson Électronique Grand Public du Canada, Inc. garantit que pendant un an à compter de la date d'achat, ce produit est libre de défauts de matériaux et de main-d'œuvre. S'il devient défectueux durant cette période, le retourner à ses frais au marchand vendeur, en même temps que la preuve d'achat, pour obtenir un remplacement. Cette garantie exclut les défauts ou dommages attribuables à la mauvaise utilisation, à l'abus ou à la négligence.

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## System Link Help Line

If you need additional set-up help, call our toll-free SystemLink Help Line at 1-800-338-0376

Monday through Friday 8AM-6PM EST



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