



## **RCRHM02BR**

### **2-Device Universal Remote Control User's Guide**

Congratulations on your purchase of the RCRHM02BR. This 2-Device Remote Control does just what a basic remote should: simplify! Made for streamlined 2-device TV and cable/satellite/digital TV converter setups, this remote is the ultimate in de-cluttering, leaving you just the buttons you need and none of the ones you don't. And this remote's Clean Shield design means it's simple to clean. Like all RCA remotes, this 2-Device Remote is easy to program, with support for over 210 brands\* of TVs, satellite receivers, cable boxes and digital TV converter boxes.

*\* May not operate all models of all brands.*

## **RCRHM02BR**

### **Guía del Usuario del Control Remoto Universal para 2 Aparatos**

Felicitaciones por la compra del RCRHM02BR. Este Control Remoto para 2 Aparatos hace justo lo que un control remoto básico debería hacer: ¡simplificar! Fabricado para configuraciones de 2 aparatos, TV y convertidores para TV por cable/satelital/digital, este control remoto es lo más avanzado en sencillez, dejándole sólo los botones que usted necesita y ninguno de los que usted no requiere. Y este control remoto está diseñado para máxima facilidad de limpieza, lo cual significa que su limpieza es simple. Como todos los controles remotos RCA, este control remoto para 2 aparatos es fácil de programar, con soporte para más de 210 marcas\* de TVs, receptores satelitales, convertidores para TV por cable y convertidores para TV digital.

*\* Puede no funcionar en todos los modelos de todas las marcas.*

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Made in China  
Fabriqué en Chine  
Hecho en China

RCRHM02BR NA IB 03  
UEI 2028 Codes 2012 00

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[www.RCAAudioVideo.com](http://www.RCAAudioVideo.com)

## ENGLISH

### FCC Statement:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

### Industry Canada Regulatory Information

CAN ICES-3 (B)/NMB-3 (B)

### Avis d'Industrie Canada

CAN ICES-3 (B)/NMB-3 (B)

## Step 1: Install Batteries

Your RCRHM02BR universal remote requires 2 new AAA alkaline batteries (sold separately).

### To install the batteries:

1. Turn the unit over, and remove the battery compartment cover.
2. Insert the batteries, matching the batteries to the (+) and (-) marks inside the battery case.

### Battery Precautions:

- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.
- Always remove old, weak or worn-out batteries promptly and recycle or dispose of them in accordance with Local and National Regulations.

## Step 2: Program the Remote

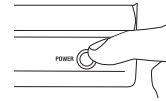
To use this universal remote with your home entertainment system, first you need to program it to control your devices. There are three ways you can program the universal remote to operate your devices:

- The **Auto Code Search** goes automatically through all the codes for the device you're trying to control. It's the easiest method, but it can sometimes take longer than some of the other programming methods.
- The **Direct Code Entry** lets you enter a code from the accompanying code list for your brand of device. It's not as easy as the other methods, but it's potentially the fastest method.
- The **Manual Code Search** lets you manually go through all the codes for the device you're trying to control.

## Auto Code Search

The Auto Code Search goes automatically through all the codes for the device you're trying to control. When you find the one that operates your device, you can stop the search and store that code.

1. Manually turn on the component you want to program the remote to operate.
2. Press and hold the **CODE SEARCH** key until the indicator light turns on.
3. Press the component key you want to program—**TV** or **SAT-CBL-DTC**. The indicator light blinks once and remains lit.  
**Important:** Find the **ENTER** key on your remote (don't press it yet). You will need to press this key quickly in step 5 below.



4. Point the remote directly at the front panel of the device you want to control. Press the **POWER** key and wait for the indicator light to blink. Each time the indicator light blinks, the remote is testing a code with the device. Make sure you keep the remote pointed at the device you want to operate.

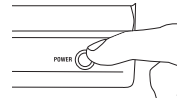


5. As soon as the component turns off, press the **ENTER** key within 4 seconds.  
**Note:** If you wait longer than 4 seconds to press **ENTER**, the remote goes to the next code—you will need to start the code search from step 1 again.  
*The indicator light flashes 8 times and turns off when the remote has searched all the codes. If this happens, try one of the other programming methods.*
6. Test the remote with your component to make sure you can control most of the device's functions. If some features don't work, try the Direct Code Entry method.

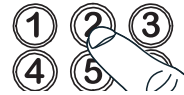
## Direct Code Entry

Direct Code Entry lets you enter a code from the code list at the end of this manual for your brand of device. It's not as easy as the other methods, but it's potentially the fastest method.

1. Manually turn on the component you want to program the remote to operate.
2. Find the four-digit code for your brand of TV, satellite receiver, cable box, or digital TV converter in the code list at the end of this manual.
3. Press and hold the **CODE SEARCH** key until the indicator light turns on.
4. Press the component key you want to program—**TV** or **SAT-CBL-DTC**. The indicator light blinks and then remains lit.  
**Note:** "DTC" stands for Digital TV Converter.



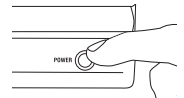
5. Enter the four-digit code, using the numeric keypad. After the code is entered, the indicator light turns off.  
**Note:** If the indicator light blinks multiple times, you've entered an invalid code. Start from step 2 again.
6. Aim the remote at the component and press the **POWER** key.  
**If the component turns off:** The remote is programmed to operate this component.  
**If the component does NOT turn off:** Try the next code for your brand.  
**Note:** If no codes work, or if your brand is not listed, try the Auto Code Search or Manual Code Search.



## Manual Code Search

The Manual Code Search lets you go one-by-one through all the codes for the device you're trying to control. When you find the one that operates your device, you can stop the search and store that code.

1. Manually turn on the component you want to program the remote to operate.



- Press and hold the **CODE SEARCH** key until the indicator light turns on.

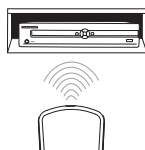


- Press the component key you want to program—**TV** or **SAT-CBL-DTC**. The indicator light blinks once and remains lit.



**Important:** Find the **ENTER** key on your remote (don't press it yet). You will need to press this key quickly in step 5 below.

- Point the remote directly at the front panel of the device you want to control. Press the **POWER** key once every 2-3 seconds until your component turns off.



**Note:** Since this remote has hundreds of codes, you may have to press the **POWER** key many (perhaps hundreds of) times using this method.

- As soon as the component turns off, press the **ENTER** key within 4 seconds.



**Note:** If you wait longer than 4 seconds to press **ENTER**, the remote goes to the next code—you will need to start the code search from step 1 again.

The indicator light flashes 8 times and turns off when the remote has searched all the codes. If this happens, try one of the other programming methods.

- Test the remote with your component to make sure you can control most of the device's functions. If some features don't work, try the Direct Code Entry method.

## Accessing Menus

This remote supports menu access, navigation and selection for many makes and models of TV and satellite receivers, cable boxes or digital TV converters. The amount of menu functionality varies from model to model and from brand to brand.

### To use the Menu function:

- Press the component button whose menu you wish to access (**TV** or **SAT-CBL-DTC**).
- Press the **MENU** key. The menu of the chosen component is shown. While in Menu Mode, the keys on this remote function as follows:

Vol up/ down	Ch +/-
Cursor moves right/left	Cursor moves up/down

**Note:** Some functions of some brands may not be fully supported.

- To exit the menu mode press the corresponding component key on the remote (**TV** or **SAT-CBL-DTC**).

## Accessing Digital Channels

The **INPUT** and **-** (dash) key lets you enter a digital sub-channel number, like 59.1, directly. Use the number keys to enter the main channel number (in this case, "59"). Then press the **INPUT (-)** key and press the subchannel number (in this case, "1"). When you're not entering channel numbers, the **INPUT** key toggles through all the video sources connected to your TV as well.

## Programming Channel Control Lock

By default, in TV mode the remote control's channel-control capabilities are locked to control the Cable Box, Satellite Receiver, or Digital TV Converter. The affected keys are **1** through **0**, **CH ▲**, **CH ▼** and **Go Back**. This will guarantee that you do not inadvertently change a channel on your TV. However you can deactivate this feature to allow full access to these keys in TV mode.

### Unlocking Channel Control

- On the Remote Control, press the **SAT/CBL/DTC** key and hold the key down. At the same time press and hold the **CH ▼** key until the LED turns red and stays on. Then press the **Enter** key to unlock and save.

### Locking Channel Control to SAT/CBL/DTC

- On the Remote Control, press the **SAT/CBL/DTC** key and hold the key down. At the same time press and hold the **CH ▲** key until the LED turns red and stays on. Then press the **Enter** key to unlock and save.

Now the remote control will provide channel control capabilities while in the **SAT/CBL/DTC** mode.

## Retrieving Remote Codes

Once you've found the code that works best with your component, you might want to write it down so that you can use it if you ever need to program a remote for this component again. That's easy if you used the Direct Code Entry method—just write down the code you used from the list. However, if you used the Auto Code Search or Manual Code Search, you will need to go through the following steps to know exactly which code you're using.

- Press and hold the **CODE SEARCH** key until the indicator light turns on.
- Press the component key that matches the component's code you are retrieving (**TV**, **SAT-CBL-DTC**). The indicator light blinks once and then remains lit.
- Press the **CODE SEARCH** key again. The indicator light turns off.
- Starting with **0** on the keypad, press the number keys in order (**0-9**) until the indicator light turns on. The number that causes the indicator light to light up is the first digit of your code. Write it down in the space provided below.
- Repeat step 4 until you have retrieved all four numbers of the code.

TV				SAT-CBL-DTC			

## 90-Day Limited Warranty

VOXX Accessories Corporation warrants that for 90 days from date of purchase, it will replace this product if found to be defective in materials or workmanship. Return it to the address below for a replacement with a current equivalent. This replacement is the company's sole obligation under this warranty. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE IS DISCLAIMED. This warranty excludes defects or damage due to misuse, abuse, or neglect. Incidental or consequential damages are disclaimed where permitted by law. This warranty does not cover product purchased, serviced or used outside the United States or Canada.

**U.S.A.:** Audiovox Return Center, 150 Marcus Blvd., Hauppauge, NY 11788

**CANADA:** Audiovox Return Center, c/o Genco, 6685 Kennedy Road, Unit 3, Door 16, Mississauga, Ontario L5T 3A5

For more information, please visit [www.RCAAudioVideo.com](http://www.RCAAudioVideo.com)  
Consumer Help Line: 1-800-420-7968

## Care and Maintenance

- This remote has been designed for cleanability.
- Keep the remote dry. If it gets wet, wipe it dry immediately.
- Use and store the remote only in normal temperature environments.
- Handle the remote gently and carefully. Don't drop it.
- Keep the remote away from dust and dirt.
- Wipe the remote with a damp cloth occasionally to keep it looking new.
- Modifying or tampering with the remote's internal components can cause malfunction and invalidate its warranty.

The battery cover has a philips-head screw to secure the battery door. Be careful not to overtighten this screw.

## TV Codes / Códigos de TV

Admiral.....	0093, 0463	Matsushita.....	0250
Advent.....	0761	Maxent.....	1755
Akai.....	0812, 1675, 0702, 1935	MB Quart.....	1868
AOC.....	1365, 1589, 2014, 2087, 2479	Megatron.....	0178, 0145
Apex Digital.....	0748, 0765, 1217, 2397	Memorex.....	0463, 0150, 0178, 1670, 1892
Audiovox.....	0451, 0802, 1766,	MGA.....	0150, 0178
	1769, 1868, 2121	Midland.....	0000, 0017, 0051
Aventura.....	0171	Mitsubishi.....	1250, 0093, 0150, 0178
Broksonic.....	0463, 1935	Motorola.....	0093
Canver.....	0054	MTC.....	0060
Celebrity.....	0001	NAD.....	0156, 0178
Celera.....	0765	NEC.....	1797
Changhong.....	0765	NetTV.....	1755
Citizen.....	0060, 1935	Nexus Electronics.....	2183
Coby.....	1634, 2306, 2315, 2344, 2345, 2348	Nikko.....	0178
Commercial Solutions.....	1447, 0000	Norcent.....	0748, 1365, 1589
Crosley.....	0001, 0054	Olevia.....	1610, 1240, 1331
Curtis.....	2352, 2466	Optimus.....	0250
Curtis Mathes.....	0000, 0054, 0451, 0093,	Optoma.....	1348
	0060, 0702, 0145, 1661	Optonica.....	0093
Daewoo.....	0451, 1661	Orion.....	0463, 1463
Dell.....	1264	Panasonic.....	1480, 0250, 1457,
Denon.....	0145		0051, 1291, 2264
Dumont.....	0017	PARK.....	2104, 2194
Durabrand.....	0463, 0178, 0171	Penney.....	0000, 0156, 0051, 0060, 0178
Dynex.....	1463, 2049, 2184	Petters.....	1523
Electroband.....	0001	Philco.....	0054, 0171, 1394, 1665, 1963
Electrograph.....	1755	Philips.....	1454, 1866, 0054, 1744,
Electrohome.....	0463, 1670		1856, 2372, 2374
Element.....	1687, 1886, 2183	Pioneer.....	1457
Emerson.....	1864, 0451, 0463, 0178,	Polaroid.....	1523, 0765, 1276, 1498,
	0171, 1661, 1394, 1665, 1963		1687, 1766, 1769, 2121
Emprex.....	1422	Portland.....	0451, 1661
Envision.....	1365, 1589, 2014, 2087	Prima.....	0761
ESA.....	0812, 0171, 1963	Prism.....	0051
Funai.....	0001, 0171, 1963	Proscan.....	1447, 0000, 2256
Gateway.....	1755	Proton.....	0178
GE.....	1547, 1447, 0000, 0051, 0451, 0178	Proview.....	1498, 1687
GFM.....	0171, 1665, 1963, 2167	Pulsar.....	0017
Gibraltar.....	0017	Quasar.....	0250, 0051
GoldStar.....	0178	RadioShack.....	0000, 0178
Haier.....	1748, 1749, 2309	RCA.....	1547, 1447, 0000, 0051, 0093,
Hallmark.....	0178		1661, 1781, 2187, 2247, 2434
Hannspree.....	1348	Realistic.....	0178
Harman/Kardon.....	0054	Runco.....	0017
Havermy.....	0093	Sampo.....	1755
Hello Kitty.....	0451	Samsung.....	0812, 0060, 0702,
Hisense.....	0748, 1660, 2098, 2355		0178, 1060, 2051
Hitachi.....	1643, 0145	Sansui.....	0463, 0171, 1670, 1892, 1935
iLO.....	1394, 1665, 1684	Sanyo.....	0054, 1142
Infinity.....	0054	Sceptre.....	0878, 1217, 1360, 1599, 2506
Insignia.....	1423, 1564, 0463, 0171,	Scotch.....	0178
	1660, 1710, 1892, 1963, 2049	Scott.....	0178, 1711
Inteq.....	0017	Sears.....	0000, 0054, 0156, 0178, 0171
JBL.....	0054	Sharp.....	0818, 0093
JCB.....	0001	Sheng Chia.....	0093
Jensen.....	0761	Signature.....	0054
JVC.....	0463, 0053, 1253, 1601, 1774, 2264	Sony.....	0810, 0001
KDS.....	1498, 1687	Soundesign.....	0178
KLH.....	0765	Soyo.....	1826
LG.....	1423, 1447, 0017, 0178, 2358, 2424	Spectroniq.....	1498, 1687
LXI.....	0000, 0054, 0156, 0178	Squareview.....	0171
MAG.....	1498, 1687	Superscan.....	0093
Magnavox.....	1454, 1866, 1755, 0054, 0051,	Supreme.....	0001
	0171, 0802, 1365, 1856, 1963, 2372	SVA.....	0748, 1963
Marantz.....	1454, 0054	Sylvania.....	1864, 0054, 0171,

.....	1394, 1665, 1886, 1963	Vidtech.....	0178
Symphonic.....	0171	Viewsonic.....	1755, 0885, 1330, 1365, 1578,
Syntax.....	1610, 1240, 1331		1627, 1640, 1742, 2014, 2087, 2277
Tandy.....	0093	Viore.....	1684, 2104, 2352
Technics.....	0250, 0051	Vizio.....	1758, 0885
Techwood.....	0051	Wards.....	0001, 0000, 0054, 0017, 0156,
Teknika.....	0054, 0150, 0060		0051, 0060, 0178
Telefunken.....	0702	Waycon.....	0156
TMK.....	0178	Westinghouse.....	1712, 0451, 0885, 1217
TNCI.....	0017	White Westinghouse.....	0463, 1661
Toshiba1524, 0156, 0060, 1291, 1935, 2006		Wyse.....	1365
TVS.....	0463	Zenith.....	0001, 1423, 0000, 0017,
Victor.....	0053		0463, 0178, 0145, 1661, 1365
Vidikron.....	0054		

## Cable Codes / Códigos de Cable

Amino.....	1602, 1822	Pace.....	1376, 1877, 1982
Bright House.....	1376, 1877	Panasonic.....	1982
Cable One.....	1376, 1877	Pioneer.....	1877
Cablevision.....	1376, 1877, 1006	RCA.....	1256
Charter.....	1376, 1877, 2187	Rogers.....	1877
Cisco.....	1877, 1982	Scientific Atlanta.....	1877
Comcast.....	1376, 1877, 1982, 2576	Sejin.....	1602
Cox.....	1376, 1877	Shaw.....	1376
Digeo.....	1187, 2187	Sony.....	1006
i3 Micro.....	1602	Suddenlink.....	1376, 1877
Insight.....	1376, 1877	Thomson.....	1256, 1982
Knology.....	1877	Time Warner.....	1376, 1877, 2187
Mediacom.....	1376, 1877	Tvo.....	2576
Motorola.....	1376, 1187, 1982	WideOpenWest.....	1877
Myrio.....	1602, 1822		

## Satellite Codes / Códigos de Satélite

Bell ExpressVu.....	0775	Mitsubishi.....	0749
DirecTV.....	1377, 0392, 0000, 0639,	Motorola.....	2490, 0856
	1142, 0749, 1749, 0819, 1076	Next Level.....	0869
Dish Network.....	0775, 1505	Panasonic.....	0701
Dishpro.....	0775, 1505	Philips.....	1142, 0749, 1749, 1076
Echostar.....	0775, 1505	Proscan.....	0392, 0000
Expressvu.....	0775	RadioShack.....	0869
GE.....	0000	RCA.....	0392, 0000, 0143
General Instrument.....	0869	Samsung.....	1377
GOI.....	0775	Sony.....	0639
Hitachi.....	0819	Star Choice.....	0869
HTS.....	0775	Tvo.....	1142
Hughes Network Systems 1142, 0749, 1749		Toshiba.....	0749, 1749, 0730
Jerold.....	0869	Voom.....	0869
JVC.....	0775		

## Video Accessories Codes / Códigos de Accesorios de vídeo

Access HD.....	2185	Insignia.....	1415
ADB.....	2254	KoolConnect.....	1481
Airlink 101.....	2491	Lasonic.....	2348
Alpha Digital.....	2185	LG.....	1415
Amino.....	1481, 1615, 2482	Magnavox.....	1563
AMTC.....	2185	Memorex.....	2486
Apex Digital.....	2478	MicroGEM.....	2489
Artec.....	2490	Motorola.....	0858, 2378
AT&T.....	0858	Philco.....	1563
CASTI.....	2305	RCA.....	2325, 2454
Channel Master.....	2365	Sansonic.....	2348
Cisco.....	2345	Scientific Atlanta.....	0858, 2345
Coby.....	2667	Sunkey.....	2695
Coship.....	2487	SureWest.....	1481
Daewoo.....	2338	Sylvania.....	1563
Daytek.....	2305	Tivax.....	2185
Digital Stream.....	2303	Ventura.....	2454
Dish Network.....	2470	Venturer.....	2454
Echostar.....	2470	Verizon.....	2378
Epson.....	1563	Winegard.....	2454
GE.....	2360, 2450	Zenith.....	1415
Goodmind.....	2450	Zentech.....	2491
Gridlink.....	2348	Zinwell.....	2488

## Digital TV Converter Boxes / Digital TV Converter Boxes

Access HD.....	2185	Insignia.....	1415
Airlink 101.....	2491	Lasonic.....	2348
Alpha Digital.....	2185	Magnavox.....	1563
AMTC.....	2185	Memorex.....	2486
Apex Digital.....	2478	MicroGEM.....	2489
Artec.....	2490	Philco.....	1563
CASTI.....	2305	RCA.....	2325, 2454
Channel Master.....	2365	Sansonic.....	2348
Coby.....	2667	Sunkey.....	2695
Coship.....	2487	Sylvania.....	1563
Daewoo.....	2338	Tivax.....	2185
Daytek.....	2305	Ventura.....	2454
Digital Stream.....	2303	Venturer.....	2454
Dish Network.....	2470	Winegard.....	2454
Echostar.....	2470	Zenith.....	1415
GE.....	2360, 2450	Zentech.....	2491
Goodmind.....	2450	Zinwell.....	2488
Gridlink.....	2348		