

U N I V E R S A L



Remote

Compatible with
today's most
popular brands.

Universal



TV



DVD or VCR



CABLE

Consolidates
up to 3
remotes

Dedicated
MENU key
for DVD
navigation

remote

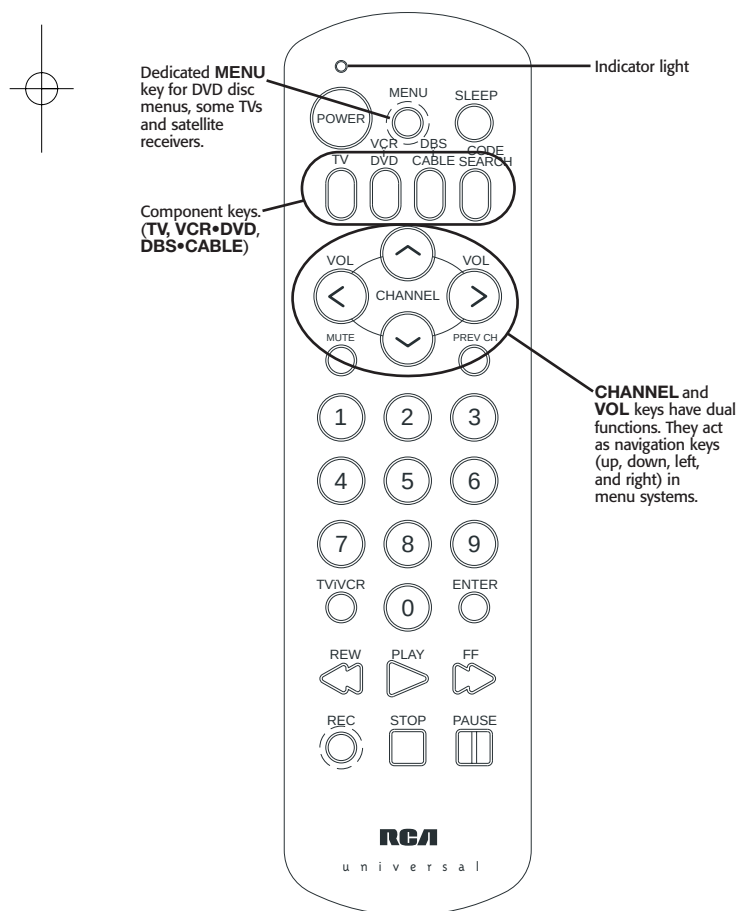
See back
for most
popular brands.

Multi-Brand Use

RCU430D

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Actual model may vary from picture shown



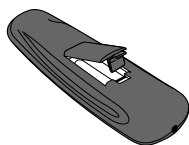
3 Component Universal Remote

Congratulations on your purchase of the 3-component universal remote. This universal remote controls up to three electronic components and makes juggling remote controls a thing of the past. You can program this RCA universal remote to operate most models of most brands of infrared, remote-controlled components manufactured after 1990. (See enclosed Code List for a complete list of brands). The three-component universal remote is easy to use, easy to program and gives you control at the touch of your fingertips.

Note: The 3-component universal remote is already programmed to operate most RCA, GE and PROSCAN branded TVs, VCRs, DVD players and satellite receivers (DBS). Just press the corresponding component key—**TV, VCR•DVD** or **DBS•CABLE**—and your RCU430D is ready to go!

Battery Installation and Information

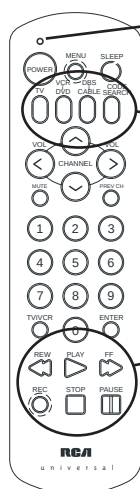
Your universal remote requires two new AAA alkaline batteries (batteries may or may not be included, depending on the model). To install the batteries:



1. Remove the battery compartment cover. On the back of the remote, push down on the tab and lift the cover off.
2. Insert the batteries, matching the batteries to the (+) and (-) marks inside the battery case.
3. Replace the battery cover.

Note: Reprogramming may be required after batteries are replaced.

Key Descriptions



Indicator Light—flashes when a valid key is pressed to indicate the remote is working. Status of this light is important when you are programming the remote.

Component keys—(**TV, VCR•DVD** or **DBS•CABLE**): selects the component you want the remote to operate.

For example, after you've programmed the remote to operate your TV, you must press the **TV** key first to put the remote in TV Mode. While in TV Mode, the **CHANNEL** keys change the channel on the TV, the **VOL** keys adjust the TV's volume, etc.

Transport keys—**REW** (Rewind), **PLAY**, **FF** (Fast Forward), **PAUSE**, **STOP**: operate the same as your original VCR or DVD remote control, although key labels may vary (**REVERSE**, **FORWARD**).

Other Keys (listed alphabetically)

0-9 (Number Keys): operate the same as number keys on your original remote and are used to enter component codes when programming the remote control with Direct Entry method.

CHANNEL (**CHANNEL UP** and **CHANNEL DOWN**): goes to the next highest or lowest channel number in the component channel list, respectively, except for DVDs. In DVDs, the **CHANNEL** keys refer to the NEXT/PREVIOUS chapter. Additionally, when you're using the remote with On-screen Menus, the **CHANNEL** keys act as **UP ARROW** and **DOWN ARROW** keys (moving the cursor or highlight up or down).

CODE SEARCH: use to program the remote.

ENTER: use with Manual or Automatic Code Search method to accept code (See Code Lists enclosed). Also, some brands require you to press the **ENTER** key after you enter a channel number. In some menu systems, you must press the **ENTER** key to select a highlighted item.

MENU: accesses DVD disc menus when playing a DVD disc. Accesses menu systems of some TVs, a few RCA brand VCRs and satellite receivers. (For more information, refer to the Using On-screen Menus section on page 10).

MUTE: lowers the TV's volume to its minimum level.

POWER: turns component on and off.

Note: Some RCA, GE and PROSCAN models require that you press the component key to turn the component on and the **POWER** key to turn the component off.

PREV CH: (Previous Channel) switches back to previous channel—operates the same as **LAST CHANNEL**, **GO BACK** or **RECALL** key found on some brands of remote controls.

RECORD: use with VCR to record programming. You must press the **RECORD** key twice to start recording.

SLEEP: allows you to set a time to turn off your TV automatically.

TV/VCR: switches between the picture coming from the VCR and the picture coming from the TV. In TV Mode, this also operates the same as **ANTENNA**.

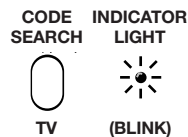
VOL: increases or decreases the TV's volume level. Additionally, when you're using the remote with On-screen Menus, the **VOL** keys act as **RIGHT** or **LEFT ARROW** keys (moving the highlight or cursor right or left).

Program for TV— Direct Entry Method

In order for the 3 component universal remote to control your TV, you must program it with the TV code that matches your TV. These instructions explain the preferred method of programming the remote—the Direct Entry method. To program your remote to control your TV, follow these steps:

1. Manually turn on the TV.
2. Locate the enclosed TV Code List.
Find your brand of TV.

Note: If your brand isn't listed, use one of the Code Search methods to program this remote control. (See the section on Code Search)



3. Press and hold the **CODE SEARCH** key until the indicator light illuminates. Then release the **CODE SEARCH** key.

4. Press and release the **TV** key. The indicator light blinks and then remains lit.

5. Use the number keys to enter the first code listed for your brand. After you enter a valid three-digit code, the indicator light turns off.

Note: If you enter an invalid code, the LED will flash rapidly for 2 seconds. Start over at step 3.

6. Aim the remote at your TV and press the **POWER** key. If your TV turns off, you have found the correct code.
7. If your TV doesn't turn off, repeat steps 3-6 above, entering the next code for your brand.

If none of the codes work or your brand is not listed, use one of the Code Search methods to program this remote. (See the section on Code Search).

8. With your TV on, press the **CHANNEL UP** key. If the TV responds, no further programming is required.

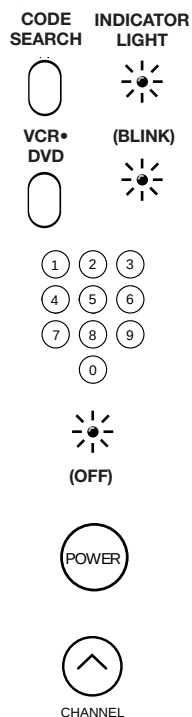
Most RCA, GE and PROSCAN TVs will not require programming. Check to see if your TV responds to the remote before you begin programming.

9. Enter the code in the box provided on this page for future reference.

TV CODE		

Program for VCR or DVD— Direct Entry Method

In order for the three-component universal remote to control your VCR or DVD, you must program it with the code that matches your component. Most RCA, GE and PROSCAN VCRs or DVDs do not require programming. Check to see if your VCR or DVD responds to the remote before you begin programming. To program your remote to control your VCR or DVD, follow these steps:



1. Manually turn on the VCR or DVD.
2. Locate the enclosed VCR or DVD Code List. Find your brand in the VCR or DVD Codes.

Note: If your brand isn't listed, use one of the Code Search methods to program this remote control. (See section on Code Search on page 8).

3. Press and hold the **CODE SEARCH** key until the indicator light illuminates. Then release the **CODE SEARCH** key.
 4. Press and release the **VCR•DVD** key. The indicator light blinks and then remains lit.
 5. Use the number keys on the remote to enter the first code listed for your brand. After you enter a valid three-digit code, the indicator light turns off.
- Note:** If you enter an invalid code, the LED flashes rapidly for two seconds. Start over at step 3.
6. Aim the remote at the component. Press the **POWER** key. If your VCR or DVD player turns off, you have found the correct code.

7. If your VCR or DVD does not turn off, repeat steps 3-6 above, entering the next code for your brand.

If none of the codes work or your brand is not listed, use one of the Code Search methods to program this remote. (See Code Search section on page 8).

8. With your VCR or DVD on, press the **CHANNEL UP** key. If the VCR or DVD responds, no further programming is required.

9. Enter the code in the box provided on this page for future reference.

VCR OR DVD CODE		

Program for DBS (Satellite) or Cable Box—Direct Entry Method

In order for the three-component universal remote to control your DBS or Cable Box system, you must program it with the code that matches your component. Most RCA, GE and PROSCAN components do not require programming. Check to see if your DBS or Cable Box system responds to the remote before you begin programming. To program your remote to control your DBS or Cable Box system, follow these steps:

1. Manually turn on the DBS or Cable Box system.
2. Locate the enclosed DBS or Cable Box Code List. Find your brand in the DBS Cable Box Codes.

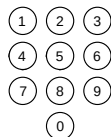
Note: If your brand isn't listed, use one of the Code Search methods to program this remote control. (See section on Code Search on page 8).

CODE SEARCH **INDICATOR LIGHT**



DBS•CABLE

(BLINK)



(OFF)



3. Press and hold the **CODE SEARCH** key until the indicator light illuminates. Then release the **CODE SEARCH** key.
4. Press and release the **DBS•CABLE** key. The indicator light blinks and then remains lit.
5. Use the number keys on the remote to enter the first code listed for your brand. After you enter a valid three-digit code, the indicator light turns off.

Note: If you enter an invalid code, the LED flashes rapidly for two seconds. Start over at step 3.

6. Aim the remote at the DBS or Cable Box system. Press the **POWER** key. If your DBS or Cable Box system turns off, you have found the correct code.
7. If your DBS or Cable Box system does not turn off, repeat steps 3-6 above, entering the next code for your brand.

If none of the codes work or your brand is not listed, use one of the Code Search methods to program this remote. (See Code Search section on page 8).

8. Enter the code in the box provided on this page for future reference.

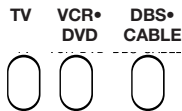
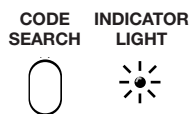
DBS (SATELLITE) OR CABLE BOX CODE		

Code Search Methods

If your component's brand isn't listed in the Code List or you have tried all of the codes for your brand and the remote does not operate your component, use one of the Code Search methods below—Manual Code Search or Auto Code Search. Both Code Search methods search all of the codes because your component's code may be listed under another brand in the code list.

Note: The Code Search method may take a long time because the remote searches all of the codes in its memory for the code which operates your component. Therefore, if your brand is listed in the Code List, use the Direct Entry method described on pages 5-7.

Manual Code Search



(BLINK)

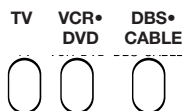
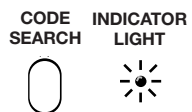


ENTER



1. Turn on the component you want the remote to operate.
2. Press and hold the **CODE SEARCH** key until the indicator light illuminates. Then release the **CODE SEARCH** key.
3. Press and release the component key that corresponds to the component you want the remote to operate (**TV**, **VCR•DVD** or **DBS•CABLE**). The indicator light blinks once and then remains lit.
4. Aim the remote at the component and press the **POWER** key continuously until the component turns off.
Important: Because there are so many codes, you may have to press the **POWER** key many times—possibly up to 200 times.
5. When the component turns off, press the **ENTER** key to store the code.
6. Use Code Retrieval on the next page to identify the code for your component for future reference.

Auto Code Search



1. Turn on the component you want the remote to operate.
2. Press and hold the **CODE SEARCH** key until the indicator light illuminates. Then release the **CODE SEARCH** key.
3. Press and release the component key that corresponds to the component you want the remote to operate (**TV**, **VCR•DVD** or **DBS•CABLE**). The indicator light blinks once and then remains lit.

(BLINK)



ENTER

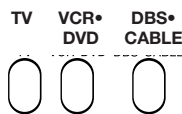


4. Aim the remote at the component and press the **POWER** key once. The remote automatically sends every code for the specified component one at a time, with a 3 second delay between each code. Keep the remote aimed at the component throughout the process.
5. As soon as the component turns off, you must press the **ENTER** key immediately so the remote stores the correct code. If you don't press **ENTER** within 3 seconds, the remote will send the next code in the list, and you will have to start over from step 2.
6. Use Code Retrieval to identify the code for your component for future reference.

Code Retrieval

If you used one of the Code Search methods to program your remote, follow the steps below to find out which code is compatible with your component. Finding the actual code and writing it down will save you time if you ever need to program the remote again (e.g., if programming is lost when you change the batteries).

CODE SEARCH INDICATOR LIGHT



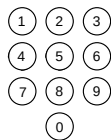
(BLINK)



CODE SEARCH



(OFF)



(BLINK)

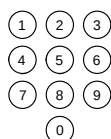
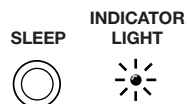


1. Press and hold the **CODE SEARCH** key until the indicator light illuminates. Then release the **CODE SEARCH** key.
2. Press and release the component key that matches the component's code you are retrieving (**TV**, **VCR+DVD**, or **DBS+CABLE**). The indicator light blinks once and then remains lit.
3. Press and release the **CODE SEARCH** key. The indicator light turns off.
4. Starting with 0 on the keypad, press the number keys in order (0-9) until the indicator light blinks.
5. The number that causes the indicator light to blink is the first digit of your code.
6. Repeat step 4 until you have retrieved all three numbers of the code.
7. Refer to the code box to write down the code for your component within the Direct Entry Section (pages 5-7) for the component just programmed.

Sleep Feature

The Sleep feature turns off your TV automatically at a duration you choose from 1 to 99 minutes. To program your remote to control the Sleep feature, follow these steps:

PROGRAMMING THE SLEEP TIMER



1. Press and hold the **SLEEP** key until the indicator light illuminates. Release the **SLEEP** key.
2. Enter time in minutes using the numerical key pad. The indicator light should turn off. (Minute 1 thru 9: press 0 before the actual number. Maximum: 99 minutes).
3. Leave remote aimed at television.
(**IMPORTANT:** The Sleep Feature will not work unless remote is left aimed at television).

CANCELING THE SLEEP TIMER



OR



OR

- The Sleep Timer program can be canceled and reset to zero by either of the following:
1. Press and hold the **SLEEP** key until the indicator light blinks.
 2. Press the **POWER** key, turning TV off.

On-screen Menus

This remote cannot access every menu system of all models and brands of consumer electronics components. However, if you've successfully programmed the **VCR•DVD** key to operate a DVD player, you can access DVD disc menus with the **MENU** key.

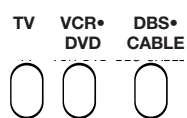
The **MENU** key will also access TV menu systems for most RCA, GE and PROSCAN TVs, as well as some other popular brands. Also, some RCA VCR menus are supported by this remote's **MENU** key. This remote also supports select satellite receiver menus.

If this remote's **MENU** key doesn't access the menu system for your component, you'll need to use the original remote to change menu settings.

Note: This remote's **MENU** key doesn't support cable box menu systems and some VCR menu systems.

Accessing a Menu System

To access a menu system, follow these steps:



1. Make sure your components are turned on and your TV is set to the component's input.
2. Press the component key on the remote (**TV**, **VCR•DVD** or **DBS•CABLE**) for the desired menu screen.
3. Press the **MENU** key. The indicator light blinks continuously to indicate the remote is in Menu Mode and the component's menu should appear on the TV screen.

Highlighting and Selecting Menu Items

To navigate On-screen Menus, use the **VOL UP/DOWN** and/or **CHANNEL** keys.

While in Menu Mode, the **VOL UP/DOWN** keys move the cursor (or the highlight) right/left. **CHANNEL** keys move the cursor (or the highlight) up/down.

For RCA, GE or PROSCAN products, press the **MENU** key to select the highlighted item. If menu items have numbers next to them, you can use the number keys to select an item. Additionally, the **ENTER** key can be used to select menu choices.

For Sony products, pressing the **ENTER** key while in Menu Mode returns you to the previous menu.



This is an example of a DVD disc On-screen Menu. English is the menu choice highlighted. Using this remote control, you would press the **ENTER** key to select English.

To highlight another language, you would press the **CHANNEL DOWN** key (In the example above, the highlight would move to Español).

Notes:

All functions in competitive models and brands of products may not be fully supported.

The remote will automatically time out in Menu Mode and the indicator light will stop blinking after approximately 10 seconds of inactivity (no keys being pressed). For DVD menus, the Menu Mode will time out after approximately 15 seconds.

Because of the wide variety of menu formats, some experimenting may be required.

Exiting a Menu System

To exit Menu Mode, press the corresponding component key on the remote (**TV**, **VCR•DVD** or **DBS•CABLE**). The indicator light goes out and the remote reverts to its normal operation.

Troubleshooting

Problem: The remote can't be programmed to operate your component.

- You may be too far away from the component or at a wrong angle. This remote uses IR (infrared) technology to communicate with components. The remote sends the code and the component's IR sensor reads the code. Therefore, there must be an unobstructed path between the remote and the IR sensor on the component. Move closer and make sure you point the remote at the component (VCR or DVD when programming the **VCR•DVD** key; TV when programming the **TV** key; Satellite receiver or Cable box when programming the **DBS•CABLE** key).
- If you've entered all of the codes for your brand that are in the enclosed Code Lists and followed the instructions, try one of the Code Search methods (See Code Search on page 8).
- You must put the remote in the correct mode by pressing the corresponding component key (**TV**, **VCR•DVD**, **DBS•CABLE**) so the remote knows which component you want to operate.
- To program the 3 component universal remote to operate a combination unit (TV/VCR or TV/DVD), first try the VCR or DVD codes for your brand. Some units, however, require that you program both the **TV** key (using the TV codes) and the **VCR•DVD** key (using the VCR or DVD codes) for full operation.

Problem: The indicator light does not light when you press a key.

- You must put the remote in the correct mode by pressing the corresponding component key (**TV**, **VCR•DVD**, **DBS•CABLE**) so the remote knows which component you want to operate.
- You may have pressed an invalid key for the mode the remote is in (e.g., the **REC** key only works in VCR Mode).
- Make sure the batteries are properly installed.
- Replace the batteries with two new AAA batteries. Reprogramming may be required.

Problem: The remote does not operate your component.

- You must put the remote in the correct mode by pressing the corresponding component key (**TV**, **VCR•DVD**, **DBS•CABLE**) so the remote knows which component you want to operate.
- Remove any obstacles between the remote and the component. Make sure to aim the remote at the IR sensor on the component.
- Make sure the batteries are properly installed (See Battery Installation on page 3).
- Replace the batteries with two new AAA batteries. Reprogramming may be required.
- Reset the remote. Remove the batteries, then press and hold the number 1 key on the remote for several seconds to reset the microprocessor inside the remote. Release the number 1 key, reinstall the batteries, and try the remote again. Reprogramming will be required.

Problem: The remote is not performing commands properly.

- You must put the remote in the correct mode by pressing the corresponding component key (**TV**, **VCR•DVD**, **DBS•CABLE**) so the remote knows which component you want to operate.
- Make sure component is "ready" (e.g., DVD player has disc loaded; VCR has tape loaded, etc.)
- You may have pressed an invalid key for the mode the remote is in (e.g., the **REC** key only works in VCR mode).
- If you're trying to turn on an RCA, GE or PROSCAN component, press the component key (**TV**, **VCR•DVD**, **DBS•CABLE**) instead of the **POWER** key.
- If operating a VCR to record, you must press the **REC** key twice.
- If you're trying to change channels, try pressing the **ENTER** key after entering the channel number as this is a requirement of certain models and brands.
- There is a possibility that a programmed code may only be able to control some of your component features (e.g., only turns a component on and off). Follow the steps provided for programming the remote (See Programming Sections on pages 5-7). If the component can be turned on and off, make sure you press the **CHANNEL** key to see if the component responds. If not, try the next code from the list.

Problem: The VCR won't record.

- As a safety feature, you must press the **REC** key twice to begin recording.
- Make sure the tape is properly loaded in the VCR.
- Make sure the tape is not write-protected. If the safety tab is removed, the tape is write-protected and you cannot record onto that tape.

Problem: The remote will not change channels.

- You must put the remote in the correct mode by pressing the corresponding component key (**TV**, **VCR•DVD**, **DBS•CABLE**) so the remote knows which component you want to operate.
- Press the **ENTER** key after you enter a channel number.

Problem: The component's menu doesn't appear on the TV screen.

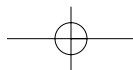
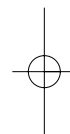
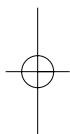
- The TV must be tuned to the Video Input that matches the manner in which you connected the component to the TV. For example, if you connected your DVD player to your TV by connecting audio/video cables (usually color-coded yellow, red, and white) to the TV's Input 1 jack, you must tune the TV to its Video Input 1 channel. Remember, different manufacturers label these jacks differently. Consult the instruction manual that came with the TV for more information.
- You must put the remote in the correct mode by pressing the corresponding component key (**TV**, **VCR•DVD**, **DBS•CABLE**) so the remote knows which component you want to operate.
- Menu access isn't supported for all brands. If that's the case, you'll need to use your original remote control to access menu functions for these components.

If you have further questions, please visit www.rca.com.

Limited 90-Day Warranty

THOMSON INC. 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 postage paid to the Product Exchange Center address for prompt, no-charge replacement with a current equivalent. This replacement is THOMSON INC.'s sole obligation under this warranty. THOMSON INC. will not be responsible for any incidental or consequential damages or for any loss arising in connection with the use or inability to use this product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty excludes defects or damage due to misuse, abuse or neglect. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Product Exchange Center
11721 Alameda Avenue
Socorro TX 79927



Consolidate three remote controls into one!

SET-UP
INSTRUCTIONS
INSIDE

Operates up to three components, including:

- TV
- DVD or VCR
- Cable box

Dedicated MENU key

Operates menu system of major TV brands (most RCA, GE, PROSCAN) and some other popular brands. Operates DVD disc menus!

Compatible with today's most popular brands!

Your RCA universal remote control is compatible with most brands of infrared remote-controlled components manufactured after 1990. Some well-known brands are shown below. The complete list of brands is found on the Code List inside this package. **The remote already operates most RCA, GE and PROSCAN products without any programming!**

TV	DVD	VCR	Cable
Apex	Aiwa	Canon	ABC
Audiovox	Apex	Curtis Mathes	Archer
Broksonic	Broksonic	Daewoo	Cableview
Citizen	Daewoo	Emerson	Citizen
Curtis Mathes	Emerson	GE	Garrard
Daewoo	Funai	Go-Video	GC Electronics
Emerson	Go-Video	Hitachi	GE
GE	Hitachi	JC Penney	General
Hisense	JVC	JVC	Instruments
Hitachi	Kenwood	Kenwood	Jerrold
JC Penney	Konka	LG (Goldstar)	Motorola
JVC	Magnavox	LXI	Philips
Kenwood	Memorex	Magnavox	Pioneer
LG (Goldstar)	Mintek	Matsushita	RCA
LXI	Mitsubishi	Mitsubishi	Scientific
Magnavox	NAD	Montgomery	Atlanta
Mitsubishi	Onkyo	Ward	United Cable
Montgomery	Orion	NEC	Universal
Ward	Panasonic	Panasonic	View Star
NEC	Philips	Philco	Zenith
Orion	Pioneer	Philips	
Panasonic	PROSCAN	Pioneer	
Philco	Qwestar	PROSCAN	
Philips	RCA	Quasar	
Pioneer	Samsung	RadioShack/	
Prima	Sansui	Realistic	
PROSCAN	Sanyo	RCA	
Quasar	Sharp	Samsung	
RadioShack/	Sony	Sanyo	
Realistic	Sylvania	Sears	
RCA	Toshiba	Sharp	
Samsung	Zenith	Sony	
Sanyo		Sylvania	
Sears		Tandy	
Sharp		Teknika	
Sony		Toshiba	
Sylvania		Victor	
Tandy		Wards	
Teknika		Yamaha	
Toshiba		Zenith	
Victor			
Wards			
Yamaha			
Zenith			

Requires 2 AAA batteries (sold separately).

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