

If you wish to order additional AllTouch® Remote Controls or an additional user's guide, refer to the following table.

Item	Part Number
Remote Control	573480
User's Guide	573497 Rev B

## FCC Compliance

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 communication. 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 the 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.

Any changes or modifications not expressly approved by Scientific-Atlanta could void the user's authority to operate this equipment.

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AllTouch is a registered trademark of Scientific-Atlanta, Inc.



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Part No. 573480 Rev. B



# AllTouch® Remote Control



User's Guide

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# Introducing the AllTouch Remote Control

Your new AllTouch® Remote Control can do the job of four separate remote controls. In fact, it can control four devices at one time. These can be any combination of:

- Home Terminals or 8600<sup>XTM</sup> Home Communications Terminals (HCTs)
- Televisions
- VCRs
- Home automation devices
- Cable audio receivers
- CD players

## Setup

When you first receive your AllTouch Remote Control, you will have to tell it **each** brand of equipment you want it to control. We call this **setup**. The cable mode is already set up for home terminals/HCTs.


In the back of this guide, is a list of numbers starting on page 19. These are setup codes you must use to set up your remote control.


**Remember—you must set up the AllTouch Remote Control for each device you would like it to control.**

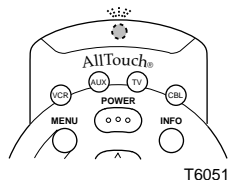
## Batteries are required

Your AllTouch Remote Control has a red light that comes on with each button press when the batteries are good. The light blinks twice when the batteries are installed for the first time. If the batteries are low, the red light blinks twice each time you press a button.

Follow these steps to check the batteries and install new ones if necessary.

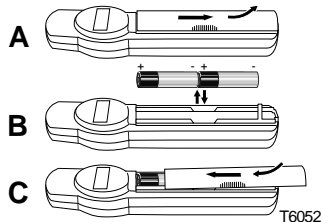
1. Press .

**Note:** If you have not used your remote control in a while, you may have to press  several times to make the red light stay on.



2. Did the red light stay on?

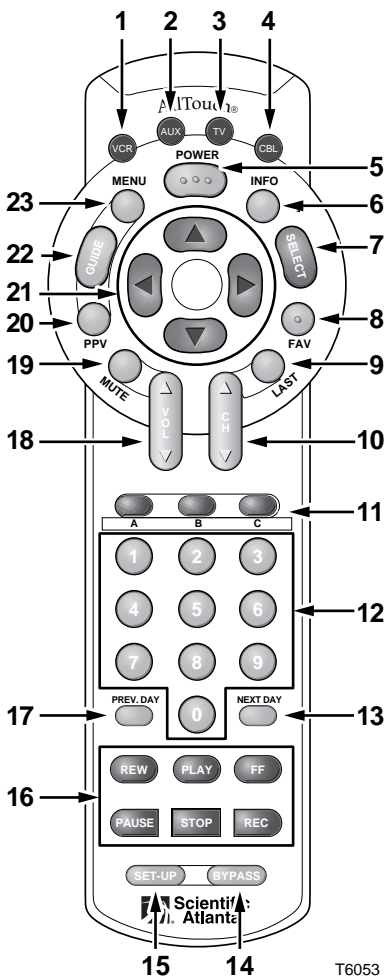
- If **yes**, the AllTouch Remote Control batteries are good.
- If **no**, the batteries are inserted improperly or the voltage is low. If you replace the batteries, use two alkaline AAs.



# What the buttons do

When you know what the buttons do, your AllTouch Remote Control is easy to use. See the drawing below.

All the button functions listed below represent factory setups. Buttons that work only with an 8600\* HCT are specified.



- |   |        |   |
|---|--------|---|
| 1 | VCR    | Control VCR.  |
| 2 | AUX    | Control CD player or cable digital audio receiver.  |
| 3 | TV     | Control your TV.  |
| 4 | CBL    | Control your home terminal/HCT.   |
| 5 | POWER  | Turn on and off your TV, VCR, AUX, or home terminal/HCT.  |
| 6 | INFO   | While in all modes and for home terminal or HCT, display information about selected device (for example, channel name, number). For HCT only while in cable mode, also display the title and description of program you are watching or of program you have highlighted in the viewing guide. |
| 7 | SELECT | While in CBL mode, choose items from the on-screen menus. In other modes, use to enter channel number.  |
| 8 | FAV    | While in CBL or TV modes, surf from one favorite channel to the next.   |

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## What the buttons do, *Continued*

- |    |                  |   |
|----|------------------|---|
| 9  | LAST             | While in any mode, return to last channel viewed or to the previous menu.   |
| 10 | CH ▲▼            | While in any mode, surf through channels. Tune to the next higher or lower channel.   |
| 11 | A B C            | These macro buttons can be programmed by your cable operator or subscriber to perform multiple key functions in any mode.   |
| 12 | NUMBERS          | While in any mode, change channels by pressing the number buttons or enter parental control number and pay-per-view access number.  |
| 13 | NEXT DAY         | (8600 <sup>x</sup> HCT only) While in the viewing guides, go to the next day's schedule or move forward one page.   |
| 14 | BYPASS           | While in CBL mode, use RF bypass to switch cable programming between your home terminal/HCT and TV. Requires optional RF accessories. Your cable company activates this function. While in TV or VCR modes, select an alternate video input source for the device (for example, TV/VCR in VCR mode, TV/Video in TV mode). |
| 15 | SET-UP           | Set up this remote to control the TV, AUX, VCR, and other devices.  |
| 16 | VCR<br>FUNCTIONS | Control VCR and AUX device functions.   |
| 17 | PREV. DAY        | (8600 <sup>x</sup> HCT only) While in the viewing guides, go to the previous day's schedule or move back one page.  |
| 18 | VOL ▲▼           | Adjust volume.  |
| 19 | MUTE             | Turn off sound.   |
| 20 | PPV              | While in CBL mode, display the list of upcoming pay-per-view (PPV) programs. For 8600 <sup>x</sup> HCTs: You may purchase PPV programs automatically.   |
| 21 | ARROWS           | For 8600 <sup>x</sup> HCTs: While in CBL mode, highlight items on menus, viewing guides, and screens. For other home terminals: While in CBL mode, use the down arrow button to highlight menu items.   |
| 22 | GUIDE            | (8600 <sup>x</sup> HCT only) While in CBL mode, display the Interactive Viewing Guide to see what's on cable.   |
| 23 | MENU             | While in CBL mode, go to or leave menus.  |

# Setting up the remote control to operate your TV

To make the remote control work with your TV, follow this procedure.

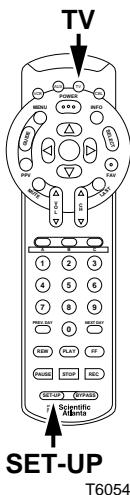
**Important!** If you are using a TV/VCR combination, you should use the VCR or TV/VCR combination codes. Go to **Setting up the remote control to operate your VCR** on the next page.

1. Find the code for your brand of TV in the back of this guide. You may find more than one code for your particular brand. Start with the first choice. **Remember:** If you are using a TV/VCR combination, use a VCR or TV/VCR combination code.
2. Press and release **TV**, then hold down **SET-UP** until the red light blinks twice.  
**Note:** You may need to wait a few seconds for the red light to blink twice.
3. Enter your 3-digit TV code—the red light should blink twice again. (If the red light does not blink twice, return to step 1 and try again.)
4. Point your AllTouch Remote Control at your TV and press **POWER**.
5. Did your TV turn off (or on)?

- If **yes**, you are finished setting up the remote control for your TV. Write your TV code on page 31.
- If **no**, go to step 6.

## Notes:

- You may want to press VOL ▲▼, MUTE, and CH ▲▼ to verify that all functions work.
  - To disable channel control in TV mode, turn to **Disabling/enabling channel control** on page 16 and follow the steps.
6. If your TV did not respond, repeat steps 2 through 5 trying all of the codes (one at a time) under your brand.
  7. If your TV still did not respond, turn to **All Search** on page 10 and follow the steps.



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# Setting up the remote control to operate your VCR

To make the remote control work with your VCR, follow this procedure.

**Important!** If you are using a TV/VCR combination, you should set up your VCR or TV/VCR combination code first, then go back to **Setting up the remote control to operate your TV**. Use the same VCR code to set up your TV, unless noted in code table on page 15.

1. Find the code for your brand of VCR in the back of this guide. You may find more than one code for your particular brand. Start with the first choice. **Remember:** If you are using a TV/VCR combination, use a VCR code.

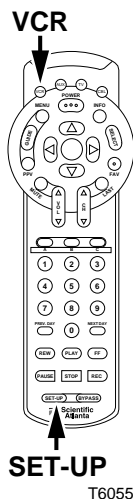
2. Press and release **VCR**, then hold down **SET-UP** until the red light blinks twice.

**Note:** You may need to wait a few seconds for the red light to blink twice.

3. Enter your 3-digit VCR code—the red light should blink twice again. (If the red light does not blink twice, return to step 1 and try again.)
4. Point your AllTouch Remote Control at your VCR and press **POWER**.
5. Did your VCR turn off (or on)?
  - If **yes**, you are finished setting up the remote control for your VCR. Write your VCR code on page 31.
  - If **no**, go to step 6.

## Notes:

- You may want to insert a tape and try **PLAY**, **FF**, and **REW** to verify that all functions work. To record a program, press **REC** twice.
  - All VCR functions also work in TV and CBL modes.
6. If your VCR did not respond, repeat steps 2 through 5 trying all of the codes (one at a time) under your brand.
  7. If your VCR still did not respond, turn to **All Search** on page 10 and follow the steps.



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# Setting up the remote control to operate other devices

You can use the **AUX** button on your AllTouch Remote Control to set up your:

- Cable digital audio receiver
- CD player
- Home automation device

To make the remote control work with other devices, follow this procedure.

1. Find the code for your brand of device in the back of this guide. You may find more than one code for your particular brand. Start with the first choice.
2. Press and release **AUX**, then hold down **SET-UP** until the red light blinks twice.

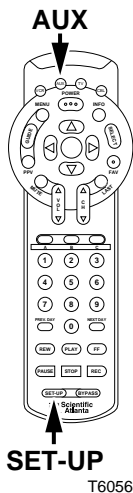
**Note:** You may need to wait a few seconds for the red light to blink twice.

3. Enter your 3-digit device code—the red light should blink twice again. (If the red light does not blink twice, return to step 1 and try again.)
4. Point your AllTouch Remote Control at your device and press **POWER**.
5. Did your device turn off (or on)?

- If **yes**, you are finished setting up your device. Write your code on page 31.
- If **no**, go to step 6.

**Note:** You may want to try several functions of your device to verify operation. Button operation (for example, CH ▲▼, LAST, INFO, etc.) will depend on the AUX device programmed.

6. If your device did not respond, repeat steps 2 through 5 trying all of the codes (one at a time) under your brand.
7. If your device still did not respond, turn to **All Search** on page 10 and follow the steps.





# Reprogramming your cable device button

Your AllTouch Remote Control is already set up to operate a Scientific-Atlanta home terminal/HCT. If your remote control loses its code for the home terminal/HCT, you need to reprogram your cable device button. Follow the instructions below.

## Notes:

- Not all cable functions work with older Scientific-Atlanta home terminals.
- In the cable mode, the VOL button will not control the volume through the home terminal/HCT unless you program it to do so. See **Volume Lock** on page 14. The Volume Lock defaults to TV mode.

The code for your brand of home terminal/HCT is 491.

1. Press and release **CBL**, then hold down **SET-UP** until the red light blinks twice.

**Note:** You may need to wait a few seconds for the red light to blink twice.

2. Enter **4 9 1** – the red light should blink twice again. (If the red light does not blink twice, return to step 1 and try again.)

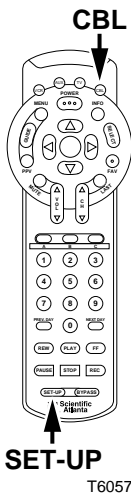
3. Point your AllTouch Remote Control at your home terminal/HCT and press **POWER**.

4. Did your home terminal/HCT turn off (or on)?

- If **yes**, you are finished setting up your home terminal/HCT.
- If **no**, go to step 5.

**Note:** All VCR functions (**PLAY**, **FF**, etc.) also work in CBL mode. To record a program, press **REC** twice.

5. If your home terminal/HCT did not respond, repeat steps 1 through 4.
6. If your home terminal/HCT still did not respond, contact your service provider.



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# All Search





If your device does not respond after trying all of the codes for your brand, try the All Search procedure.

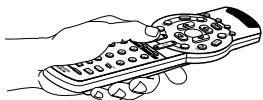
During All Search, the AllTouch Remote Control searches through a library of codes until it finds the right one for your device. The AllTouch Remote Control then completes the setup automatically.

Follow the steps below to do an All Search.







1. Turn on the device that you could not set up using the codes. For example, if all the codes for your brand of VCR did not respond, turn off your VCR. If the device is a CD Player, turn it on and insert a disc.
2. Press and release the appropriate button on the remote control.

Device	Button
VCR	
Auxiliary (such as a CD player)	
TV	
HCT/Home Terminal	

3. Press and hold  until the red light blinks twice.
4. Press   . The red light blinks twice.
5. Point your AllTouch Remote Control directly at the device.



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6. Press  (or  for CD player) then the appropriate button (, , , or ). Repeat this step until your device turns on or starts to play. You may have to repeat this 50 or 60 times.

**Important!** Be patient and go slowly. Allow enough time for the device to turn on or for the CD player to start.

## All Search, *Continued*

7. When your device turns on or starts to play, press and hold **SET-UP** until the red light blinks twice. This step programs the code into the AllTouch Remote Control.

Your remote control now has the correct code for your device.

**Note:** Press several keys on the remote control for the device (VOL ▲, CH ▲, **PLAY**, etc.) to verify that all functions work correctly.


8. Next, you need to find your device codes. See **Getting your codes** on the next page to find the code(s) for your device(s). Write the codes on page 31.

### Notes:








- You may want to inset a disc into your CD player and use the **PLAY** button on the remote instead of the **POWER** button to search. When your CD player starts to play, press **SET-UP** to lock in your code.
- If a device is not found, please make note of its brand, model number, description, size, etc., and contact your service provider.
- When you have searched through the complete device code library, the red light will blink three times. The search will then start over again from the beginning of the library.

## Getting your codes













After doing an **All Search**, find your 3-digit device codes. Follow the steps below to find your codes.

1. Press and release the appropriate button for the device on the AllTouch Remote Control. For example, if you are getting the code for your VCR, press and release .

Device	Button
VCR	
Auxiliary	
TV	
HCT/Home Terminal	

2. Press and hold  until the red light blinks twice.
3. Press   . The red light blinks twice.
4. Press and release the , , or  buttons on the remote control to find each digit of the 3-digit code.

After pressing each button, count the number of times the red light blinks. This number indicates the digit. There is a delay of a few seconds before the blinks start. If the red light does not blink, the digit is zero. Record your findings below.

Press this Number Button	Record the Number of Blinks		
	VCR	AUX	TV
			
			
			
Enter the number of blinks here and on page 31.	  	  	  

5. **Important!** Remember to write the codes on page 31.
6. Repeat steps 1 through 5 for each device.

## Reassigning mode buttons

Your mode buttons are **VCR**, **AUX**, **TV**, and **CBL**. They represent your VCR, auxiliary device, television, and your home terminal/HCT. You can reassign these buttons to control other devices if you choose. To reassign a mode button, you copy the features of one button to another button.

For example, you may want your AllTouch Remote Control to control two TVs instead of a TV and a VCR. You can turn your VCR button into a second TV button.

To reassign a mode button, follow the steps below.

1. Press and hold **SET-UP** until the red light blinks twice.
2. Press **9 9 2**. The red light blinks twice.
3. Press the button you want to copy (source button).
4. Press the button you want to reassign (target button). The red light blinks twice.
5. Set up the reassigned button with the correct device code to control your device.

To set up for...	Go to page...
TV	6
VCR	7
Other devices (AUX)	8
Cable	9

6. Write your changes and new codes in the following table and on page 31.

Device	VCR	Aux	TV	CBL
Reassigned button (New device)				
Code				

## Volume Lock

After you program your TV code into your remote control, it will automatically control the TV's volume while operating in the TV, VCR, or CBL modes. You can also program the remote control so that you can control the volume through the HCT or TV/VCR combination while operating in TV, VCR, or CBL modes. We call this *Volume Lock*.

**Note:** Volume Lock programming will remain active even if batteries are removed for an extended period of time.

To switch your volume control to a device other than your TV, follow the steps below.

1. Hold down **SET-UP** until the red light blinks twice.
2. Press **9** **9** **3**.
3. Press the appropriate device mode button (**CBL** or **VCR**). The red light blinks twice. Your volume control is now locked to your selected device mode.

Device	Button	Result
--------	--------	--------

Home Terminal	<b>CBL</b>	Your remote control will now control the volume through your home terminal.
---------------	------------	---

TV/VCR combination	<b>VCR</b>	Your remote control will now control the volume through your TV/VCR combination.
--------------------	------------	--

**Important!** If you have a TV/VCR combination unit, you need to enter a TV code to control volume. Once you enter the TV code, the volume control will work in any mode. In most cases the TV code is the same as the VCR or TV/VCR combination code already entered, but for the codes noted in the table on page 15, a different TV code is required for volume control.

**Note:** Your AllTouch Remote Control automatically controls only the volume of your Aux device (CD Player) while in the AUX mode. You cannot lock the volume to the AUX mode.

## Volume Lock, *Continued*

TV/VCR combinations' volume control codes:

VCR code	TV code
049	065
062	107
074	061
095	068
176	264

**Note:** All other TV/VCR combinations use the same VCR or TV/VCR code for the Volume Lock sequence to activate volume control.

## Disabling/enabling channel control

This function enables or disables TV and VCR mode controls including Channel Up/Down, Digits 0-9, Last Channel, and Favorite Channel. With this programmable feature, the TV and VCR remains on the correct output channel (either 3 or 4) so that the HCT operates properly.

The channel control in TV and VCR mode is **enabled** as the factory default.

To disable channel control in TV and VCR modes:

1. Press and hold **SET-UP** until the red light blinks twice.
2. Press **9 9 6**. The red light blinks twice.
3. Press CH **▼**. The red light blinks twice.

To enable channel control in TV and VCR modes:

1. Press and hold **SET-UP** until the red light blinks twice.
2. Press **9 9 6**. The red light blinks twice.
3. Press CH **▲**. The red light blinks twice.

**Note:** When TV and VCR channel control is disabled, the cable mode channel control will be available in these modes.



## Programming the macro buttons

The AllTouch Remote Control provides users with three definable macro buttons (A, B, and C), which can be programmed by the cable operator or subscriber. Programming one of the macro buttons enables you to perform several functions by pressing that key such as switching to cable, turning on HCT power, and switching to channel 25.

To program a macro button (A, B, or C):

1. Press and hold **SET-UP** until the red light blinks twice.
2. Press **9 9 5**. The red light blinks twice.
3. Press macro button (A, B, or C).
4. Press one of the mode buttons (**VCR**, **AUX**, **TV**, or **CBL**).
5. Press the function button desired. You may use up to three function buttons.
6. Press and hold **SET-UP** until the red light blinks twice.

Each macro button may have up to three functions with each function having no more than four button presses.

To clear a macro button (A, B, or C):








1. Press and hold **SET-UP** until the red light blinks twice.
2. Press **9 9 5**. The red light blinks twice.
3. Press macro button (A, B, or C).
4. Press and hold **SET-UP** until the red light blinks twice.

Write the function of each macro button in the following table.

Macro button	Function
A	
B	
C	

# Troubleshooting

Refer to the following table for solutions if you have trouble operating your AllTouch Remote Control.

Problem	Possible Cause	Check and Correct
The red light does not blink when you press  .	<ul style="list-style-type: none"><li>• The battery voltage is low.</li><li>• The batteries are inserted incorrectly.</li></ul>	Replace the batteries. Use two AA <i>alkaline</i> batteries. Check that the batteries' plus (+) and minus (-) symbols match the illustration inside the battery compartment.
The remote control does not work properly or home terminal/HCT functions do not work.	You may have the remote control in the wrong mode.	Press: <ul style="list-style-type: none"><li>•  for VCR</li><li>•  for auxiliary device</li><li>•  for TV</li><li>•  for cable</li></ul>
	You may have used an incorrect code to program the remote control.	Follow these steps to program your remote control with the correct code: <ol style="list-style-type: none"><li>1. Try all the codes listed under the brand of your device.</li><li>2. Try <b>All Search</b> and be sure to go slowly. (See page 10.)</li></ol> <p><b>Important!</b> Be sure to point your AllTouch Remote Control directly at your device when you press  OR .</p>

## Troubleshooting, *Continued*

<b>Problem</b>	<b>Possible Cause</b>	<b>Check and Correct</b>
The remote control responds to some of the codes but with the wrong result.	You may have used an incorrect code to program the remote control.  <i>(Unfortunately, many devices use very similar remote control codes. While searching the library with All Search, you may have locked onto a similar code for which only some commands work.)</i>	Try <b>All Search</b> again (see page 10). Keep progressing through the library until you discover the code that supports all of your features.
Your device is not found during an <b>All Search</b> .	Your device has not been included in the All Search database.	Make a note of the brand, number, description (size, etc.), and contact your service provider.

## Television setup codes *(Most popular codes listed first)*

Television brand	3-digit codes
A-Mark	017
Abex	046
Admiral	107
Adventura	060
Aiko	106
Akai	044
Alaron	193, 197
Ambassador	191
Anam	082, 194
Anam National	069
AOC	017, 033, 044, 066, 151, 199
Archer	017
Astro Text	393
Audiovox	017, 106, 194, 465
Baysonic	194
Belcor	033
Bell & Howell	030, 168
Bradford	194
Brockwood	033
Broksonic	017, 250, 477
Candle	044, 060, 070, 200
Carnivale	044
Carver	068
CCE	231, 343

Television brand	3-digit codes
Celebrity	014
Cineral	106, 465
Citizen	044, 053, 060, 070, 074, 106, 200, 294
Clairtone	199
Concerto	070
Contec	171, 172, 194, 199
Craig	194
Crosley	068
Crown	053, 194
Curtis Mathes	030, 044, 053, 074, 061, 065, 068, 070, 168, 429, 465
CXC	194
Daewoo	465, 033, 053, 105, 106
Daytron	033
Denon	159
Dumont	031, 033
Electroband	014, 199
Electrohome	395, 403, 423
Emerson	250, 477, 033, 052, 053, 168, 172, 191, 192, 193, 194, 196, 197, 199, 250, 294, 296, 477
Envision	044
Fisher	168, 173
Fujitsu	193

## Television setup codes, *Continued*

Television brand	3-digit codes	Television brand	3-digit codes
Funai	185, 193, 194	Kloss	038, 060, 092
Futuretech	194	KMC	120
GE	061, 035, 041, 043, 065, 069, 149, 188, 192, 293, 296, 465	KTV	044, 053, 194, 197, 199, 231, 294
Gibraltar	031, 033, 044	Logik	030
GoldStar	070, 015, 033, 044, 046, 120, 192, 423	Luxman	070
Gradiente	067, 070, 406	LXI	061, 068, 162, 168, 170, 192
Grunpy	193, 194	Magnavox	068, 034, 038, 042, 044, 110, 193, 200, 201, 400
Hallmark	192	Majestic	029, 030
Harley Davidson	193	Marantz	044, 068
Harman/Kardon	092	Matsushita	264
Harvard	082, 194	Megatron	017, 159, 192
Hitachi	159, 165, 046, 052, 070, 293, 423, 427	MEI	199
Infinity	068	Memorex	030, 070, 120, 164, 168, 192
Inteq	031	MGA	033, 044, 164, 192
Janeil	060	Midland	031, 046, 053, 061, 065, 149
JBL	068	Minutz	035
JCB	014	Mitsubishi	164, 033, 107, 192, 255
JVC	067, 083, 174, 196	Motorola	069, 107
Kawasho	172	MTC	033, 044, 070, 074, 105, 199
Kaypani	066	Multitech	194, 231
KEC	194		
Kenwood	033, 044		

## Television setup codes, *Continued*

Television brand	3-digit codes	Television brand	3-digit codes
NAD	170, 180, 192	Radio Shack	033, 044, 046, 053, 061, 070, 168, 179, 192, 194, 423
NEC	044, 033, 070	RCA	061, 032, 033, 043, 052, 065, 104, 149, 188, 292
Nikko	044, 106, 192	Realistic	033, 044, 046, 053, 070, 168, 179, 192, 194
Noblex	444	Rhapsody	197, 199
Noshi	032	Runco	031, 044
NTC	106	Sampo	044, 046, 053, 066
Onwa	194	Samsung	074, 033, 044, 046, 070, 192, 343, 441, 496
Optimus	168, 180, 264	Samsux	053
Optonica	107, 179	Sansei	465
Orion	193, 250, 477	Sanyo	168, 173, 160, 498
Panasonic	264, 065, 069, 240	Sansui	477
Penney	017, 032, 033, 035, 041, 044, 046, 053, 061, 065, 070, 074, 149, 163, 170, 192	Scimitsu	033
Philco	068, 033, 034, 042, 044, 110, 159, 477	Scotch	192
Philips	068	Scott	033, 192, 193, 194, 250
Pilot	033, 044, 053	Sears	029, 061, 068, 070, 160, 162, 163, 168, 170, 173, 185, 192, 193
Pioneer	180, 052	Servivox	194
Portland	033, 053, 106	Sharp	107, 179, 053, 171, 400
Prism	065	Semp	170
Proscan	061	Shogun	033
Proton	017, 066, 192		
Pulsar	031, 033		
Quasar	264, 065, 069, 179		

## Television setup codes, *Continued*

Television brand	3-digit codes	Television brand	3-digit codes
Signature	030	Telefunken	070
Simpson	200, 201	TMK	070, 191, 192
Sony	014, 025, 094, 125	Toshiba	170, 074, 163, 168
Soundesign	192, 193, 194, 200	Tosonic	199
Spectricon	017, 151	Totevision	053
Squareview	185	Trical	171
SSS	033, 194	Universal	041
Starlite	194	Vector Research	044
Supre-Macy	060	Victor	067
Supreme	014	Vidikron	068, 256
Sylvania	068, 034, 042, 044, 110, 395	Vidtech	033, 192
Symphonic	185	Viking	060, 326
Tandy	107	Wards	030, 033, 034, 035, 041, 042, 043, 044, 068, 070, 094, 110, 125, 188, 192, 193
Tatung	017, 069	Yamaha	033, 044
Technics	065, 264	Zenith	031, 030, 106
Technol Ace	193	Zonda	017
Techwood	017, 065, 070		
Teknika	030, 033, 053, 068, 070, 074, 106, 164, 193, 194, 200, 326		

## VCR setup codes (Most popular codes listed first)

VCR brand	3-digit codes
Admiral	062
Adventura	014
Aiko	292
Aiwa	014, 051
Akai	055, 063, 067, 075, 120
American High	049
Asha	254
Audiovox	051
Beaumarck	254
Bell & Howell	118
Broksonic	016, 223, 198, 135, 225, 309, 375, 493
Calix	051
Canon	049, 116
Capehart	034
Carver	095
CCE	086, 292
Cineral	292
Citizen	051, 292
Colt	086
Craig	051, 061, 086, 254, 285
Curtis Mathes	049, 055, 074, 176
Cybernex	065, 254
Daewoo	292, 034, 059

VCR brand	3-digit codes
Daytron	034
Denon	056
Dynatech	014
Electrohome	051
Electroponic	051
Emerex	046
Emerson	198, 223, 493, 014, 016, 050, 051, 057, 075, 082, 102, 135, 222, 225, 226, 292, 308, 309, 375
Fisher	118, 061, 068, 080
Fuji	047, 049
Funai	014
Garrard	014
GE	062, 074, 049, 079, 216, 254
Go Video	246, 293, 446
Goldstar	051, 052
Gradiente	014, 022, 422
Grundig	209
Harley Davidson	014
Harman/Kardon	052, 089
Harwood	082, 086
Headquarter	060
HI-Q	061



## VCR setup codes, *Continued*

VCR brand	3-digit codes	VCR brand	3-digit codes
Hitachi	056, 014, 055, 079, 096, 119, 180, 410	Mitsubishi	057, 062, 075, 081, 089, 187, 457
Jensen	055	Motorola	049, 062
JVC	081, 022, 055, 220	MTC	014, 254
KEC	051, 292	Multitech	014, 086
Kenwood	052, 055, 081	NAD	072
KLH	086	NEC	052, 054, 055, 081, 096, 118
Kodak	049, 051	Nikko	051
Lloyd's	014, 222	Nikon	048, 267
Logik	086	Noblex	254
LXI	051	Olympus	049, 240
Magnasonic	292	Optimus	051, 062, 072, 118, 176, 446, 468
Magnavox	014, 095, 049, 053, 124, 163	Optonica	076
Magnin	254	Orion	016, 198, 309, 493
Marantz	049, 095	Panasonic	176, 049, 091, 116, 239, 240, 392, 468
Marta	051	Penney	049, 051, 052, 054, 056, 068, 254
Matsushita	049, 176, 468	Pentax	056, 079, 119
MEI	049	Philco	049, 223, 493
Memorex	014, 049, 051, 053, 060, 061, 062, 118, 176, 254	Philips	049, 076, 095, 124
MGA	057, 075, 254	Pilot	051
MGN Technology	254	Pioneer	072, 081, 176
Minolta	056, 119	Portland	034
		Profitronic	254

## VCR setup codes, *Continued*

VCR brand	3-digit codes	VCR brand	3-digit codes
Proscan	074, 216	Shintom	086
Protec	086	Shogun	065, 254
Pulsar	053, 065	Singer	086
Quarter	060	Sony	014, 046, 047, 048, 049, 267
Quartz	060	STS	056
Quasar	176, 049, 091, 468	Sunpak	267
Radio Shack	014, 051	Sylvania	095, 049, 014, 057, 124
Radix	051	Symphonic	014
Randex	051	Tatung	055
RCA	049, 062, 216, 056, 074, 079, 091, 119, 120, 163, 254	Teac	014, 055
Realistic	014, 049, 051, 060, 061, 062, 076, 080, 118	Technics	049, 176
Ricoh	048, 267	Teknika	014, 049, 051
Runco	053	Thomas	014
Salora	089	TMK	050, 222, 254
Samsung	254, 059, 065, 067	Toshiba	059, 057, 080, 224, 226, 380
Sanky	053, 062	Totevision	051, 254
Sansui	014, 055, 081, 096, 285, 493	Unitech	254
Sanyo	060, 061, 118, 254	Vector	059
Scott	057, 059, 135, 198, 224, 225, 226	Vector Research	052, 054
Sears	014, 049, 051, 056, 060, 061, 068, 080, 118, 119	Video Concepts	054, 059, 075
Sharp	062, 076	Videosonic	254
		Wards	014, 049, 056, 061, 062, 074, 076, 086, 095, 163, 226, 254
		White	
		Westinghouse	292
		XR-1000	014, 049, 086
		Yamaha	052
		Zenith	014, 053, 047, 048

## TV/VCR combination setup codes

TV/VCR combination brand	3-digit codes
Broksonic	016, 106, 493
Curtis Mathes	049
Daewoo	292
Emerson	016, 106, 493
Funai	014
GE	049, 074, 062, 254
Hitachi	014
MGA	254
Magnavox	049, 095, 014
Memorex	051, 176
Mitsubishi	062

TV/VCR combination brand	3-digit codes
Orion	016, 493
Panasonic	049
Penney	049, 254
Quasar	049, 176
RCA	049, 074, 062
Sansui	014, 493
Sanyo	254
Sears	014, 051
Symphonic	014
Zenith	014

## CD player (Aux) setup codes

CD Player brand	3-digit codes	CD Player brand	3-digit codes
ADC	032	LXI	319
Adcom	169, 248	Magnavox	171, 319
Aiwa	138, 171	Marantz	043, 171, 194
Akai	170	McIntosh	301
Audio Alchemy	208	MCS	043
Audio-Technica	184	Mission	171
BSR	208, 259	MTC	434
Burmester	434	NEC	248
California Audio Lab	043	Nikko	178, 184, 188
Carrera	208	NSM	171
Carver	171, 193, 451	Onkyo	115
DAK	259	Optimus	014, 046, 051, 062, 101, 159, 193, 208, 210, 294, 319, 356, 434, 440, 451, 482
Denon	017	Panasonic	043, 317, 381, 766
DKK	014	Parasound	208, 434
Emerson	169, 178, 319, 483	Philips	171, 301
Fisher	062, 102, 188, 193, 356	Pioneer	046, 258, 319, 482
Garrard	259, 294, 407, 434	Proton	171
GE	023	QED	171
Genexxa	046, 178, 319	Quasar	043
Harman/Kardon	440	RCA	023, 067, 169, 193, 319, 778
Hitachi	046, 169	Realistic	169, 178, 193, 194, 434
JVC	086	Rotel	171, 434
Kenwood	042, 051, 062, 204	SAE	171
Kodak	301	Sansui	171, 216, 319
Krell	171	Sanyo	101, 193
Kyocera	032		
Linn	171		
Luxman	107		

## CD player (Aux) setup codes, *Continued*

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CD Player brand	3-digit codes	CD Player brand	3-digit codes
Scott	169, 178, 319	Teac	188, 194, 407, 434
Sears	319	Technics	043, 317
Sharp	051, 194	Vector Research	208
Sherwood	194, 210, 440	Victor	086
Sony	014, 199, 619, 741	Wards	171, 067
Soundesign	159	Yamaha	050, 184, 201
STS	032	Yorx	475
Tascam	434		

## Home automation (Aux) setup codes

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Brand	3-digit codes	Brand	3-digit codes
Cableshare	551	Security	
GE	254	System	181
One For All	181	Universal X10	181
Radio Shack	254	X10	181

## Digital cable audio (Aux) setup codes

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Brand	3-digit codes
Jerrold	473, 534
Scientific-Atlanta	474
Starcom	473

## Record of codes

Use this table to write your codes.

<b>CBL</b>	<b>TV</b>	<b>VCR</b>	<b>AUX</b>

## Reassigned mode buttons

Use this table to write your reassigned mode buttons.

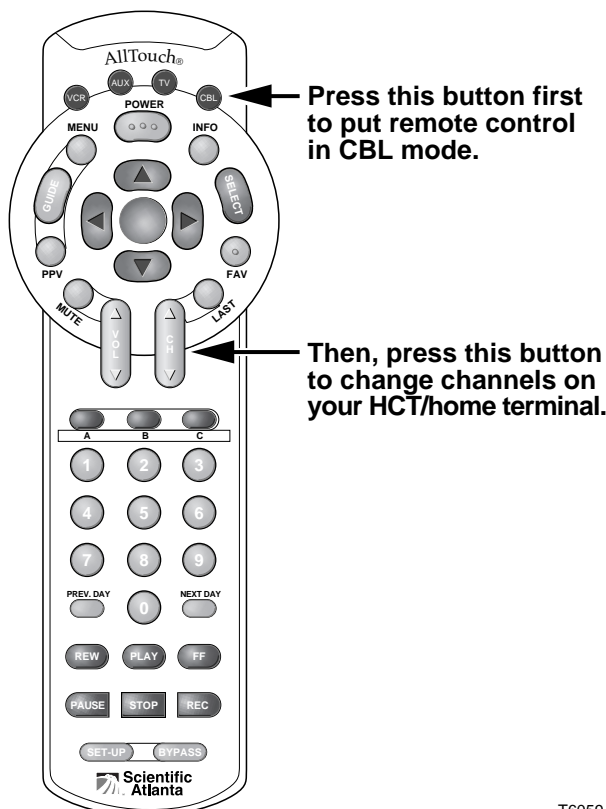
<b>Device</b>	<b>VCR</b>	<b>AUX</b>	<b>TV</b>	<b>CBL</b>
Reassigned button (New device)				
Code				

## Important reminder!

When you pick up most remote controls, you press a button to perform a specific action. Since the AllTouch Remote Control can control several different devices, you must first press a mode button and then the button for the specific action. The remote control remains in this mode until you press another button.

### Example:

If you want to change the channel on your HCT/home terminal, press the **(CBL)** button and then the CH **▲▼** button. If you now want to change the channel on your VCR, press the **(VCR)** button and then the CH **▲▼** button. The remote control remains in the VCR mode until you press another mode button.





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