



AllTouch® 2000 Remote Control User's Guide



AUX Setup Codes

CD Players	Brand—Code	Brand—Code	Brand—Code
JVC—0086	Kenwood—0042, 0051, 0204, 0640, 0695, 0840	Optimus—0014, 0046, 0051, 0159, 0193, 0319, 0434, 0482	Sansui—0171, 0319
Aiwa—0171	Krell—0171	Panasonic—0043, 0317	Sanyo—0193
Burmester—0434	LXI—0319	Parasound—0434	Scott—0319
California Audio Labs—0043	Linn—0171	Philips—0171, 0640	Sears—0319
Carver—0171, 0193	MCS—0043	Pioneer—0046, 0319, 0482	Sharp—0051, 0194, 0875
DKK—0014	MTC—0434	Proton—0171	Sherwood—0194
Denon—0017, 0887	Magnavox—0171, 0319	QED—0171	Sony—0014, 0504
Emerson—0319	Marantz—0043, 0171, 0194	Quasar—0043	Soundesign—0159
Fisher—0193	Mission—0171	RCA—0067, 0193, 0319	Tascam—0434
Garrard—0434	NSM—0171	Realistic—0193, 0194, 0434	Teac—0194, 0434
Genexxa—0046, 0319	Onkyo—0115, 0882	Rotel—0171, 0434	Technics—0043, 0317
Harman/Kardon—0171, 0187		SAE—0171	Victor—0086
Hitachi—0046			Wards—0067, 0171
			Yamaha—0050, 0201

Receivers	Brand—Code	Brand—Code	Brand—Code
JVC—0088	Kenwood—0041, 1041, 1327, 1583	Philips—0203, 1103, 1203	Thorens—1203
Aiwa—0135, 0172, 0203, 1103, 1419	Linn—0203	Pioneer—0028, 0545, 1037	Victor—0088
Captronic—0545	MCS—0053	Quasar—0053	Wards—0028, 0172, 0203
Carver—0203, 1103, 1203	Magnavox—0203, 0545, 1103, 1203	RCA—0545	Yamaha—0190
Denon—1118, 1174	Marantz—0053, 0203, 1103, 1203	Sansui—0203, 1103	
Harman/Kardon—0124, 0203	Onkyo—0149	Sherwood—0516	
JBL—0124	Optimus—0545, 1037	Sony—0172, 1072, 1172, 1272	
	Panasonic—0053, 0323, 1532	Technics—0053, 0323, 1322, 1323, 1532	

Amplifiers	Brand—Code
Aiwa—0420	GE—0254
Carver—0283	One For All—0181
Curtis Mathes—0314	Radio Shack—0254
Denon—0174	Security System—0181
JVC—0345	Universal X10—0181
Linn—0283	X10—0181
Magnavox—0283	
Marantz—0283	
Panasonic—0322	
Philips—0283	
Pioneer—0027, 0314	
Sony—0703	
Technics—0322	
Victor—0345	
Wards—0027	
Yahama—0368	

Home Automation	Brand—Code
GE—0254	GE—0254
One For All—0181	One For All—0181
Radio Shack—0254	Radio Shack—0254
Security System—0181	Security System—0181
Universal X10—0181	Universal X10—0181
X10—0181	X10—0181

Miscellaneous Audio	Brand—Code
Jerrold—0473, 0534	Jerrold—0473, 0534
Scientific-Atlanta—0474	Scientific-Atlanta—0474
Starcom—0473	Starcom—0473

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 use is encourage 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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About Your Remote Control

Your new AllTouch® 2000 Remote Control functions as four remote controls in one to operate your TV, VCR, home terminal, or CD player. If you prefer, you can program the AllTouch 2000 Remote Control to operate additional electronic devices, such as an additional TV or VCR, a stereo receiver, a DVD player, or a home automation device.

Batteries

The AllTouch 2000 Remote Control requires two alkaline AA batteries. When batteries are properly installed, the remote control's red light blinks with each button press.

Important Reminder: A diagram in the battery compartment of the remote control indicates proper placement of the batteries.

Mode Keys and Setup Codes

Q: What are mode keys?

A: Press the appropriate mode key to switch the remote control to operate the device you want to control.



Q: What are setup codes?

A: Setup Codes are 4-digit codes that identify a specific brand of equipment that you want the remote control to operate.

Important Reminder: The AllTouch 2000 Remote Control is not a toy. It is designed for adult use and should be kept out of the reach of children under the age of 6 years.

Setting Up Your Remote Control

The mode keys are programmed with most of the popular brands of electronic devices, so before you perform this procedure, test each mode key. To test the mode key, turn on your device, press the mode key for that device, and then press POWER on the remote control to verify that the power to the device turns off.

1. To set up a mode key, find the 4-digit code for your brand of device in one of the setup code lists in this guide.
2. Turn on your device.
3. Press and hold the SELECT key. As you hold down the SELECT key, press and hold the mode key for that device until the LED blinks twice.
4. Enter the 4-digit setup code.
5. Point the remote control toward the device.
6. Press POWER, PLAY, or CH+ to test the device.

7. Did the device operate correctly?

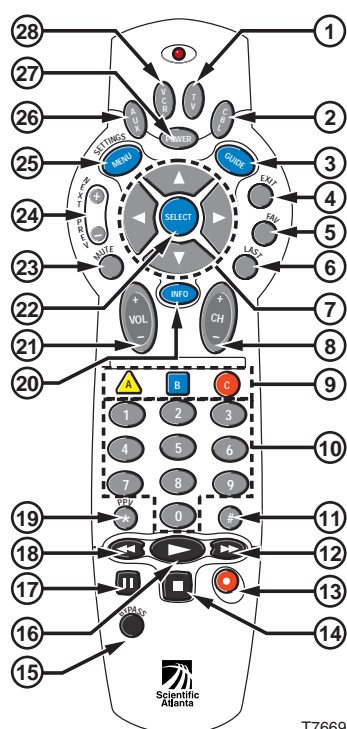
- If **yes**, press POWER, if necessary, to turn on the device. Press the VOL+, PLAY, or CH+ key to verify that you programmed the best code for your device.
- If **no**, repeat steps 1 through 6 using a different setup code.

Note: If all of the codes listed for your brand of device fail to operate your device properly, go to the **To Search for Codes** section of this guide for instructions.

8. Repeat steps 1 through 6 for each mode key.
9. Write down your codes for future reference:



Quick Reference



Viewing and Browsing Control

- 11 # Functions vary by cable provider
- 9 [A, B, C] Selects options in menus and IPG
- 3 [GUIDE] Displays interactive guide
- 25 [SETTINGS MENU] Displays cable settings or Menu
- 7 [DIRECTIONAL KEYS] Moves through menus or guides
- 22 [SELECT] Selects and deselects screen item
- 20 [INFO] Displays channel and program information
- 8 [CH +/-] Selects channels, up or down
- 10 [NUMPAD] Enters channel numbers (also used to enter your personal identification number [PIN] for parental control)
- 5 [FAV] Views favorite channels

- 6 [LAST] Returns to last channel viewed
- 19 [PPV *] Features vary by cable provider; some provide access to Pay Per View Features. **Note:** Explorer DHCTs provide access through on-screen options.
- 24 [MUTE] Navigates through IPG or settings
- 4 [EXIT] Exits settings, menus, and guides

VCR/VOD Control

- Note:** While in VCR mode, keys control your VCR.
- 12 [FF] Fast forwards VCR/VOD
 - 13 [RECORD] Records program
 - 14 [STOP] Stops VCR/VOD
 - 16 [PLAY] Plays VCR/VOD
 - 17 [PAUSE] Pauses VCR/VOD
 - 18 [REWIND] Rewinds VCR/VOD

Mode

- 1 [TV] TV Mode Key
- 2 [CBL] Cable Mode Key
- 26 [AUX] AUX Mode Key
- 28 [VCR] VCR Mode Key

Sound

- 21 [VOL +/-] Adjusts volume
- 23 [MUTE] Mutes sound

Device Control

- 27 [POWER] POWERS on or off
- 15 [BYPASS] Functions as follows:
 - While in VCR mode, switches TV/VCR input
 - While in TV mode, switches TV/Video input
 - While in CBL mode, controls Bypass option

Setting Up Your Remote, continued

To Search for Codes

If none of the listed codes work, you can program the remote to search through all of the available codes for the device specified, beginning with the most popular codes.

Note: The LED on the remote control also blinks three times when it reaches the end of its search.

1. Turn on the device.
2. Press and hold the SELECT key. As you hold down the SELECT key, press the mode key for that device and hold it down until the LED blinks twice.
3. Press **991**.
4. Point the remote control toward the device, and press POWER, PLAY, or CH+ to test this device code.
5. Did the device operate correctly?
 - If **yes**, go to step 6.
 - If **no**, press the mode key again, then press POWER, PLAY, or CH+. Continue to toggle the mode and other keys until the device is controlled.
6. With the device on, try other device keys (0, 1, 2, 3, VOL+, REW) to check the code. If the remote control keys do not control the device, repeat from step 5.
7. To set the code, press SELECT.

To Identify Programmed Codes

You can determine the code your device uses by counting the number of times the LED blinks during the following procedure.

1. Press and hold the SELECT key. As you hold down the SELECT key, press the mode key for that device and hold it down until the LED blinks twice.
2. Press **990**.

3. Press **1**; then, count the number of times the LED blinks. This number indicates the first digit in the code. For example, 4 blinks indicates the first digit in the code is 4. If the LED does not blink, the digit is 0.
4. Press **2**; then, count the LED blinks. The number of blinks indicates the second number in the code.
5. Press **3**; then, count the LED blinks. The number of blinks indicates the third number in the code.
6. Press **4**; then, count the LED blinks. The number of blinks indicates the fourth number in the code.
7. Write down your codes for future reference.

To Program for Volume Control

You can program the remote control to adjust the volume and operate the mute functions through any device, such as your home terminal. The default is through your TV.

1. Turn on the device.
2. Press and hold the SELECT key. As you hold down the SELECT key, press the mode for the device that you are programming and hold it down until the LED blinks twice.
3. Press **993**.
4. Press the mode key for the device that you want to use to control the volume.
5. Point the remote control toward the device you have chosen and adjust the volume to confirm operation.

Note: To unlock the volume to each mode, repeat steps 1 through 6, except at step 2, press CBL and at step 5, press VOL-.

Advanced Features

To Change the Mode Key

You can change your TV, VCR, and AUX mode keys to control different devices. For example, if you have a second TV, you can change your AUX mode key to a second TV mode key by following this procedure.

1. Press and hold the SELECT key. As you hold down the SELECT key, press the CBL mode key and hold it down until the LED blinks twice.
2. Press **992**.
3. Press the mode key for the type of device you want to control.
4. Press the mode key that you want to use for this device.
5. To setup the mode key, follow all of the steps in the **Setting Up Your Remote Control** procedure for your brand of equipment.
6. Write down a record of the changes.
Example: The AUX mode key controls TV in the den.

The _____ mode key controls _____.

The _____ mode key controls _____.

To Program VCR Keys for CBL Mode

You can program the VOD/VCR control keys to operate your VCR while in CBL mode. If your cable service provider does not offer the Video-on-Demand (VOD) feature, you can follow these steps to reprogram the remote control to operate your VCR functions while in CBL mode. (The VOD/VCR control keys default to VOD functions, while in CBL mode.)

1. Turn on the VCR.
2. Press and hold the SELECT key. As you hold down the SELECT key, press the CBL mode key and hold it down until the LED blinks twice.

3. Press **999**.
4. Press the VCR mode key.
5. Insert a tape into your VCR and test the VCR function keys.

Note: To set the remote control back to the default setting, repeat steps 1 through 4; however, at step 4, press the CBL mode key. At step 5, test the VOD functions.

To Change the Power Control

You can change the POWER key to control several or all of your devices at one time by following this procedure.

1. Press and hold the SELECT key. As you hold down the SELECT key, press the CBL mode key and hold it down until the LED blinks twice.
2. Press **998**.
3. Choose one of the following options to select which devices you want to turn on and off at the same time.
 - For TV and CBL, press the TV mode key.
 - For TV, CBL, and VCR, press the VCR mode key.
 - For TV, CBL, and AUX, press the AUX mode key.
 - For all devices, press the CBL mode key.
 - To return to the default settings (each mode key controlled separately), press POWER.
4. Point the remote control toward the devices, and press and hold POWER to confirm operation.

Result: The power to the devices may take a few seconds to turn on/off.

Note: You can still control the power of a specific device by pressing the mode key and then pressing POWER within 3 seconds.

TV Setup Codes

Brand—Code	Code	Brand—Code	Code	Brand—Code	Code	Brand—Code	Code
Admiral—0107, 0477	0074, 0106	Envision—0044	JVC—0067	Motorola—0107	Pilot—0033, 0044	Sansei—0465	Tandy—0107
Aiko—0106	Concerto—0070	Fisher—0168	KEC—0194	MTC—0033, 0044,	Pioneer—0180, 0694	Sansui—0477	Technics—0065, 0264
Akai—0044	Contec—0194	Fujitsu—0193, 0697	Kenwood—0033, 0044	0070, 0074	Portland—0033, 0106	Sanyo—0168	Technol Ace—0193
Alaron—0193	Craig—0194	Funai—0185, 0193, 0194	KTV—0044, 0194	Multitech—0194	Prism—0065	Scimitsu—0033	Techwood—0065, 0070
American Action—0194	Crosley—0068	Futurtech—0194	LG—0070	NAD—0170, 0180, 0192	Proscan—0061	Scotch—0192	Teknika—0033, 0068,
Anam—0194	Crown—0194	GE—0035, 0061, 0065,	Luxman—0070	NEC—0033, 0044, 0070	Proton—0192	Scott—0033, 0192,	0070, 0074, 0106,
AOC—0033, 0044	Curtis Mathes—0044,	0107, 0192, 0296,	LXI—0061, 0068,	Nikko—0044, 0106,	Pulsar—0031, 0033	0193, 0194, 0250	0164, 0193, 0194
Audiovox—0106, 0194,	0061, 0065, 0068,	0465, 1161, 1361	0168, 0170, 0192	0192	Quasar—0065, 0179, 0264	Sears—0061, 0068,	Telefunken—0070
0465, 0637	0070, 0074, 0107,	Gilbrater—0031, 0033,	Magnavox—0044,	NTC—0106	RCA—0033, 0061, 0065,	0070, 0168, 0170,	TMK—0070, 0192
Baysonic—0194	0159, 0168, 0180,	0044	0068, 0193	Onwa—0194	0104, 0107, 1061,	0185, 0192, 0193	Toshiba—0074, 0168,
Belcor—0033	0465, 1161, 1361	GoldStar—0033, 0044,	Marantz—0044, 0068	Optimus—0168, 0180,	1161, 1261, 1361,	Semivox—0194	0170
Bell & Howell—0168	CXC—0194	0070, 0192	Matsushita—0264	0264	1461	Semp—0170	Vector Research—0044
Bradford—0194	Daewoo—0033, 0106,	Gradiente—0067, 0070	Megatron—0159, 0192	Optonica—0107, 0179	Radio Shack—0033,	Sharp—0107, 0179, 0694	Victor—0067
Brockwood—0033	0465, 0637, 0638	Grunpy—0193, 0194	Memorex—0070,	Orion—0193, 0250,	0044, 0061, 0070,	Shogun—0033	Vidikron—0068
Brocksonic—0250,	Daytron—0033	Hallmark—0192	0164, 0168, 0192,	0477	0168, 0179, 0192,	Sony—0014	Vidtech—0033, 0192
0477	Denon—0159	Harley Davidson—0193	0264, 0477	Panasonic—0065, 0264	0194	Soundesign—0192,	Wards—0033, 0035,
Candle—0044, 0070	Dumont—0031, 0033	Harmon/Kardon—0068	MGA—0033, 0044,	Penney—0033, 0035,	Realistic—0033, 0044,	0193, 0194	0044, 0068, 0070,
Carnivale—0044	Electroband—0014	Harvard—0194	0164, 0192	0044, 0061, 0065,	0070, 0168, 0179,	Squareview—0185	0179, 0192, 0193
Carver—0068	Emerson—0033, 0168,	Hitachi—0070, 0159	Midland—0031, 0061,	0070, 0074, 0170,	0192, 0194	Starlite—0194	White -Westinghouse—
Celebrity—0014	0192, 0193, 0194,	Infinity—0068	0065	0192, 1361	Runco—0031, 0044	SSS—0033, 0194	0477, 0637, 0638
Cineral—0106, 0465	0250, 0296, 0477,	Inteq—0031	Minutz—0035	Philco—0033, 0044,	Sampo—0044	Supreme—0014	Yamaha—0033, 0044
	0637, 0638	JBL—0068	Mitsubishi—0033,	0068, 0159, 0477	Samsung—0033, 0044,	Sylvania—0044, 0068	Zenith—0031, 0106,
		JCB—0014	0107, 0164, 0192	Philips—0068	0070, 0074, 0192	Symphonic—0185	0477

VCR Setup Codes

VCR Codes	Code	Brand—Code	Code	Brand—Code	Code	DVD Codes	Code
Admiral—0062, 0223	0198, 0222, 0223,	Emerson—0014, 0016,	Matsushita—0049, 0176	Pilot—0051	Sony—0014, 0046, 0049	STS—0056	
Adventura—0014	0292, 0493	0051, 0057, 0135,	MEI—0049	Pioneer—0081	STS—0056		
Aiko—0292	Fisher—0061, 0118	0198, 0222, 0223,	Memorex—0014, 0049,	Profitronic—0254	Sylvania—0014, 0049,		
Aiwa—0014, 0051,	Fuji—0047, 0049	0292, 0493	0051, 0053, 0061,	Proscan—0074	0057, 0095		
0321	Funai—0014	GE—0049, 0062, 0074,	0062, 0118, 0176,	Protec—0086	Symphonic—0014		
American Action—0292	GE—0049, 0062, 0074,	0254	0223, 0254, 0321,	Pulsar—0053	TMK—0222, 0254		
American High—0049	0254	Garrard—0014	1051, 1176, 1276	Quasar—0049, 0176,	Teac—0014		
Asha—0254	Go Video—0446, 0540	Garrard—0014	MGA—0057, 0254	1176	Technics—0049, 0176		
Audiovox—0051	GoldStar—0051, 0052	Go Video—0446, 0540	MGN Technology—0254	1176	Teknika—0014, 0049,		
Beaumarck—0254	Gradiente—0014, 0022	0254	0254	0062, 0074, 0254	0051		
Bell & Howell—0118	Harley Davidson—0014	Garrard—0014	Minotla—0056	0062, 0074, 0254	Thomas—0014		
Brocksonic—0016,	Harman/Kardon—0052,	Go Video—0446, 0540	Mitsubishi—0057, 0062,	0062, 0074, 0254	Tivo—0632		
0135, 0198, 0223,	0095	0254	0081	Radio Shack—0014,	Toshiba—0057, 0059		
0493	Harwood—0086	0254	Motorola—0049, 0062	1051	Totevision—0051, 0254		
CCE—0086, 0292	HI-Q—0061	0254	MTC—0014, 0254	Radix—0051	Unitech—0254		
Calix—0051	Hitachi—0014, 0056	0254	Multitech—0014, 0086	Randex—0051	Vector—0059		
Canon—0049	Hughes Network	0254	NEC—0052, 0081, 0118	Realistic—0014, 0049,	Vector Research—0052		
Carver—0095	Systems—0056	0254	Nikko—0051	0051, 0061, 0062,	Video Concepts—0059		
Cineral—0292	JVC—0022, 0081	0254	Noblex—0254	0118	Videosonic—0254		
Citizen—0051, 0292	KEC—0051, 0292	0254	Olympus—0049	ReplayTV—0628, 0630	Wards—0014, 0049,		
Colt—0086	Kenwood—0052, 0081	0254	Optimus—0051, 0062,	Runco—0053	0056, 0061, 0062,		
Craig—0051, 0061,	KLH—0086	0254	0118, 0176, 0446,	Samsung—0059, 0254	0074, 0086, 0095,		
0086, 0254, 0285	Kodak—0049, 0051	0254	1062, 1076, 1176,	Sanky—0053, 0062	0254		
Curtis Mathes—0049,	LXI—0051	0254	1276	Sansui—0014, 0081,	White Westinghouse—		
0074, 0176	Lloyd's—0014, 0222	0254	Orion—0016, 0198,	0223, 0285, 0493	0223, 0292		
Cybernex—0254	Logik—0086	0254	0223, 0493	Sanyo—0061, 0118,	XR-1000—0014, 0049,		
Daewoo—0059, 0292	Magnasonic—0292	0254	0239, 0630, 1076,	0254	0086		
Denon—0056	Magnavox—0014,	0254	1176, 1276	Sears—0014, 0049,	Yamaha—0052		
Dynatech—0014	0049, 0053, 0095	0254	Panasonic—0049, 0176,	0051, 0056, 0061,	Zenith—0014, 0053,		
Electrohome—0051	0049, 0053, 0095	0254	0239, 0630, 1076,	0118	0223, 0483		
Electrohome—0051	0049, 0053, 0095	0254	1176, 1276	Semp—0059			
Electrohome—0051	0049, 0053, 0095	0254	Pentax—0056	Sharp—0062			
Emerex—0046	0049, 0053, 0095	0254	Philco—0049, 0223,	Shintom—0086			
	0049, 0053, 0095	0254	0493	Shogun—0254			
	0049, 0053, 0095	0254	Philips—0049, 0095,	Singer—0086			
	0049, 0053, 0095	0254	0632				

Cable Setup Codes

About Cable Codes

Before you program your CBL mode key with any of the codes below, make sure that your remote control is not "locked" by performing the following steps.

1. Press and hold the SELECT key. As you hold down the SELECT key, press the CBL mode key and hold it down until the LED blinks twice.
2. Press **996**.
3. Press CH-.

Result: You can now set up your CBL mode key with one of the following codes.

Brand—Code	Code	Brand—Code	Code
ABC—0022	Pioneer—0158, 0547,	ABC—0022	Pioneer—0158, 0547,
Americast—0913	0891	Americast—0913	0891
Contec—0033	Pulsar—0014	Contec—0033	Pulsar—0014
General Instrument—0290, 0490	Quasar—0014	General Instrument—0290, 0490	Quasar—0014
Gold Star—0158	Runco—0014	Gold Star—0158	Runco—0014
Jerrod—0026, 0290, 0490	Samsung—0158	Jerrod—0026, 0290, 0490	Samsung—0158
Memorex—0014	Scientific—Atlanta—	Memorex—0014	Scientific—Atlanta—
Oak—0333	Default code: 0458	Oak—0333	Default code: 0458
Panasonic—0014, 0121	Additional codes:	Panasonic—0014, 0121	Additional codes:
Paragon—0014	0891, 0491, 0022,	Paragon—0014	0891, 0491, 0022,
	0238		0238
	Tocom—0026		Tocom—0026
	Toshiba—0014		Toshiba—0014
	Zenith—0014, 0539,		Zenith—0014, 0539,
	0913		0913