



AT2400 AllTouch® Remote Control



Bringing the Interactive Experience Home™

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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CBL Setup Codes

About Cable Codes

Your cable service provider may have "locked" a valid cable code into your remote to keep you from unintentionally changing the cable code.

If you need to program the remote to operate a different device, use the following steps to unlock the remote.

1. Press and hold the **SELECT** key and the **CBL** key until the LED blinks twice.
2. Press **996**.
3. Press **CH-** to unlock the remote.

Result: You can now set up your CBL key with a different cable code.

Cable Codes

You must enter all 4 digits to program the CBL mode key.

Brand—Code

General Instrument—0290, 0490, 0824
Jerrold—0290, 0490, 0824
Motorola—1120
Panasonic—0121
Pioneer—0547, 0891, 1891
Scientific Atlanta—0491, 0891, 1891

The Explorer eClub

The Explorer eClub is an online club that provides news about the Explorer DHCT and offers you a chance to win prizes and other premium items.

To join the Explorer eClub, you must enter the serial number of your DHCT. The number is located on a label on the bottom of your DHCT, and begins with S/N. Also, your cable service provider may need this number if your DHCT requires service. Write the serial number here:

S/N _____

You can access the Explorer eClub on the Internet at
www.scientificatlanta.com/explorercub

AUX Setup Codes

Receiver Codes

Brand—Code	Code
Panasonic—0053,	1532
ADC—0545	1532
Aiwa—1419, 0172,	Philips—1103, 1203,
1103	1283
Capetronic—0545	Pioneer—0545, 1037
Carver—1103, 1203	Proscan—1268
Denon—1174, 1118	Quasar—0053
JVC—0088	RCA—1268, 0545,
Kenwood—0041,	1037
1041, 1327,	Sansui—1103
1583, 1584	Sony—0172, 1172,
MCS—0053	1072, 1272
Magnavox—1103,	Sunfire—1327
0545, 1203	Technics—0053,
Marantz—1203, 1103,	1322, 1532, 1323
0053	Thorens—1203
Onkyo—0149	Victor—0088
Optimus—1037, 0545	Wards—0172
	Yamaha—0190, 1190

Amplifier Codes

Brand—Code	Code
Philips—0906	
GE—0092	Polk Audio—0906
Harman/Kardon—	Realistic—0409
0906	Sansui—0335
JVC—0345	Sony—0703
Luxman—0179	Soundesign—0092
Marantz—0335, 0906	Victor—0345
Nakamichi—0335	Wards—0092
Optimus—0409	Yamaha—0368

Home Automation Codes

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

Additional Audio Codes

These codes allow you to program your remote to control cable radio set-top devices.

Brand—Code	Code
Jerrold—0473, 0534	
Scientific Atlanta—0474	
Starcom—0473	

About Your Remote

Your new AT2400 AllTouch® Remote Control ("remote") functions as four remotes in one to operate your TV, VCR, cable set-top device, or CD player. If you prefer, you can program the AT2400 AllTouch Remote Control to operate additional electronic devices, such as a stereo receiver, a DVD player, or a home automation device.

For information about the keys on the remote, go to the **Quick Reference** section of this guide.

Note: If you have questions or concerns about the operation of this remote, contact your cable service provider.

Batteries

The remote requires two alkaline AA batteries. When batteries are properly installed, the LED on the remote blinks each time a button is pressed.

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

Mode Keys and Setup Codes

Q: What are mode keys?

A: The mode keys switch the remote to operate a particular device. These four keys are located at the top of the remote.



Q: What are setup codes?

A: Setup codes are numeric codes that identify your brand of equipment so that the remote can operate that device.

Important Reminder: The AT2400 AllTouch Remote Control is not a toy. It should be kept out of the reach of children under the age of 6 years.

Setting Up Your Remote

To Set Up a Mode Key

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 to verify that the power to the device turns off.

If the device does not turn off, then the mode key may not be set up. Follow these steps to set up a mode key:

1. Find the code for your brand of device in one of the setup code lists in this guide.
2. Make sure that the device is turned on.
3. Press and hold the **SELECT** key and the appropriate mode key for that device until the LED (the light at the top of the remote) blinks twice. For example, to set up the VCR key, press and hold **SELECT** and **VCR**.
4. Enter the setup code for the device.
Note: The setup codes for each mode key appear on the front and the back of this guide.
5. Point the remote toward the device.
6. Press **POWER**, **PLAY**, or **CH+** to test the device.
7. Did the device operate correctly?
 - If **yes**, go to step 8.
 - If **no**, repeat steps 3 through 6 using a different setup code.
8. Repeat steps 1 through 6 for each mode key that you want to set up.
9. Write down your codes for future reference:

AUX: _____ VCR: _____

TV: _____ CBL: _____

To Search for Codes

If none of the codes listed for your device work, you can search through the code library for a valid code. The remote automatically selects the proper code.

1. Turn on the device.
2. Hold down the **SELECT** key and the appropriate mode key (AUX, VCR, TV, or CBL) until the LED blinks twice. For example, to search for a TV code, hold down **SELECT** and **TV**.
3. Using the keypad on the remote, press **991**. The LED blinks once.
4. Point the remote toward the device, and press the **POWER** key.
5. Did the device turn off?
 - If **no**, press the up arrow key to go to the next code, and return to step 4.
 - If **yes**, press **SELECT** to confirm the code.

Note: The LED on the remote blinks three times when you reach the end of the code library. Each of the code libraries contains fewer than 80 codes.

To Identify Programmed Codes

You can find out which code you used to program your device by using the following procedure.

1. Hold the **SELECT** key and the appropriate mode key (AUX, VCR, TV, or CBL) until the LED blinks twice.
2. Using the keypad on the remote, press **990**. The LED blinks twice.
3. Press **1**; then, count the LED blinks. The number of LED blinks 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 digit in the code.
5. Press **3**; then, count the LED blinks. The number of blinks indicates the third digit in the code.

6. Press **4**; then, count the LED blinks. The number of blinks indicates the fourth digit in the code.
7. Write down your codes in the **To Set Up a Mode Key** section.

To Program for Volume Control

You can program your Volume and Mute keys to function in one of two ways:

- To control the volume on a single device all the time
- To control the volume on each device, depending on the mode key that you press

Note: The default setting is to control volume through your TV all the time. Follow these steps to change the way your Volume and Mute keys function.

1. Turn on the appropriate device.
2. If you have an Explorer® Digital Home Communication Terminal (DHCT), use the **SETTINGS** button to go to the General Settings menu on-screen, and make sure that the Audio: Volume Control setting is set to "Variable."
3. Hold the **SELECT** key and the appropriate mode key (AUX, VCR, TV, or CBL) until the LED blinks twice.
4. Using the keypad on the remote, press **993**. The LED blinks twice.
5. Do you want the Volume and Mute keys to operate a single device all the time?
 - If **yes**, press the mode key for the device that you want to control the volume.
 - If **no**, press the **VOL -** key to control the volume through various devices based on the mode key.
6. Point the remote toward the device and confirm that the Volume and Mute keys function as expected.

