Quick Reference

Device Control
- \[\text{Turns devices on or off}\]
- \[\text{Enables set-top mode functions}\]
- \[\text{Enables TV mode functions}\]
- \[\text{Enables DVD mode functions}\]
- \[\text{Enables AUX mode functions}\]

Viewing and Browsing Control
- \[\text{Accesses the phone menu}\]
- \[\text{Accesses the Interactive Program Guide (IPG)}\]
- \[\text{Accesses the On Demand menu}\]
- \[\text{Accesses the DVR list of recordings}\]
- \[\text{Views live TV}\]
- \[\text{Moves through selections}\]
- \[\text{Selects and deselects screen items}\]
- \[\text{Clears all menus and returns to broadcast TV}\]
- \[\text{Accesses the Search menu}\]
- \[\text{Accesses INTERACT content (Internet and interactive content)}\]
- \[\text{Turns MultiScreen mode on or off}\]
- \[\text{Displays text information about the selected program}\]
- \[\text{Displays or closes the IPG}\]
- \[\text{Jumps to next section or switches to last channel viewed}\]
- \[\text{Selects the next channel, up or down, when watching TV. Moves up or down one page in the IPG and in some menu screens}\]

Sound Control
**Note:** These keys are assigned to the TV when the TV mode key is programmed with a valid code.
- \[\text{Adjusts volume}\]
- \[\text{Mutes sound}\]

Numeric Keys
- \[\text{Enters channel numbers, text, and remote codes. Also use to enter your parental control PIN}\]
- \[\text{Clears text and numbers in text fields}\]
- \[\text{Enters and saves (stores) an entry}\]

What Devices Do I Want to Control?
To help you keep track of the devices you want to control, list the type of devices you have (including brands) in the following table. Then, use the code tables at the end of this guide to locate the codes for your device. For example, look under TV Group if you need to program the remote to operate your TV. If you have two devices that use the same key, you must reassign the TV, DVD, or AUX key. The STB key cannot be reassigned. Go to Reassign Mode Keys. Otherwise, go to Program the Remote to Control My Devices for additional instructions.

<table>
<thead>
<tr>
<th>Mode Key</th>
<th>Device Type</th>
<th>Brand</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example: DVD</td>
<td>DVD</td>
<td>Sony</td>
<td>2066</td>
</tr>
<tr>
<td>TV</td>
<td>DVD</td>
<td>AUX</td>
<td></td>
</tr>
</tbody>
</table>

What Devices Can I Control?
The four mode keys are labeled across the top of the remote to tell the remote which device you want to operate.

Each mode key is associated with different types of devices. You can use each mode key to control one of its associated devices:

- **Mode Key:** STB
  - **Associated Devices:** IP gateway set-top TV
  - **TVs (including HD TVs)**
  - **DVDs**
  - **AUX**

* These keys can be reassigned to control different devices. Go to the Reassign Mode Keys section of this guide for instructions.

LED Indicators
There are red LEDs underneath each of the four mode keys (STB, TV, DVD, and AUX) that flash each time a key is pressed to show which device the key is currently controlling.

There are also green LEDs that illuminate several keys whenever the remote is in use. They stay illuminated for a short time after a key is pressed.

During programming, if the remote times out before you complete the code setup, you will need to start over. This is indicated by one long flash of the red LED.
Where Do I Start?
Before you begin using your remote, complete the following initial setup tasks.

Install the Batteries
The remote requires two AA batteries (alkaline recommended). A diagram in the battery compartment of the remote indicates proper placement of the batteries. When batteries are properly installed, the light on the remote blinks each time a key is pressed.

Visit the Quick Reference Section
Use the Quick Reference section of this guide to familiarize yourself with the remote and the functions of its various keys. Knowing the function and location of the keys on the remote will assist you when you are programming the remote.

Program the Remote
To learn how to program your remote, refer to the sections What Devices Can I Control, What Devices Do I Want to Control, and Program the Remote to Control My Devices for further instructions.

Find a Place to Store Your Remote
Keeping up with one remote is much easier than keeping up with four or five remotes. However, it is still a good idea to find a storage location for your remote. The AT6400 is not a toy. It should be kept out of the reach of children under the age of 6 years.

Program the Remote to Control My Devices
Your remote is initially programmed to only operate your set-top. You will need to set up the remote to operate your other devices using its TV, DVD, and AUX modes. The TV key may be programmed to operate a standard or high-definition television (HDTV). The DVD key may be programmed to operate a DVD player. The AUX key may be programmed to operate a VCR, a receiver, an amplifier, or a Home Theater in a Box (HTIB) system. If the remote provides only limited functionality for a device, you can look for a code that provides more functionality.

Welcome to the Ultimate Control Experience
Your new AT6400 AllTouch® Infrared (IR) Universal Remote Control (remote) is true universal remote, functioning as four remotes in one. As one example, you can use this remote to operate your set-top, your TV, and two other devices, such as a DVD player and VCR.

Important Information About Your Remote
Your remote is initially programmed to only operate your set-top. Therefore, you must program the remote to operate your TV, VCR, or other devices. See Program the Remote to Control My Devices to learn how to enter device codes and program your remote.

Note: You must use the IR remote within line of sight of the set-top to operate the set-top correctly.

How Does a Universal Remote Control Work?
You tell the remote which type of device you want to operate using the four keys aimed at the top of the remote. These keys, known as mode keys, are labeled TV, DVD, and AUX. Each mode key is associated with a specific device. As an example, after programming the remote, you want the remote to control your TV. You simply press the TV key. Other keys you press on the remote, thereafter, should operate your TV. Want to switch the remote to operate a different device? Just press the mode key for the next device you want to operate. In this guide, you will learn which types of devices you can control and how to program the remote to control your specific devices.

Quick Reference

Device Control
- Turns devices on or off
- Enables set-top mode functions
- Enables TV mode functions
- Enables DVD mode functions
- Enables AUX mode functions

DVR, VOD, DVD, VCR Control
Notes:
- In STB mode, these keys control DVR and VOD functions.
- In DVD and AUX modes, these keys may control your DVD or VCR depending on how you have programmed the remote.
- Records the selected program
- Stops DVD, VCR, VOD, or DVD content
- Pauses DVD, VCR, VOD, or DVD content
- Plays DVD, VCR, VOD, or DVD content
- Scrolls through available TV or video input sources
- Rewinds or fast forwards through DVR or VOD content
- Skips backward or forward through DVR or VOD content
What If None of the Codes Work?

If none of the codes listed for your brand of device operate the device correctly, or if your device is not listed in the codes table, you can use the Auto-Search function to search through the code library for a valid code. This section provides procedures for using the Auto-Search function to search the code library for TV, DVD, and AUX mode codes.

Note: Read the procedures in this section thoroughly before beginning. You need to be prepared to observe the behavior of the remote.

Auto-Search Features

Consider the following items when using Auto-Search:

- The Auto-Search function begins searching from the first code.
- If a valid code is not found, the green light blinks three times and the remote returns to normal operation.
- If any other key is pressed except PLAY, ENTER, POWER, EXIT, REV, FF, or numeric keys 1 through 4 (when programming the AUX mode key), the mode key displays a long red light (error message) and the remote returns to normal operation.
- Should the remote time-out before you complete the Auto-Search function, you must start over. This is indicated by one long flash of the red LED.
- If the device is not listed and the Auto-Search function is unable to find a usable code, you may need to use the original remote provided with the device.

Auto-Searching the Code Library for TV or DVD Mode Codes

(Program Code 922)

Note: This procedure only applies to TVs and DVDs.

1. Turn on the device you that you want to assign to the TV or DVD key.
2. Point the remote at the device.
3. Press and hold the TV or DVD key on the remote. For example, to search for the TV mode key, press and hold TV and OK at the same time.
4. Release both keys and the mode key blinks twice.

5. Enter the programming code 9 2 2 by pressing the numeric keys on the remote. The mode key you selected in step 3 blinks twice to indicate a successful entry.
6. Point the remote toward the device, and press PLAY.
7. Your device powers off when it finds the correct code. Then, choose one of the following options:
   - Save code and exit — Press the ENTER key on the remote to program the code in the remote and the mode key flashes three times indicating a successful entry.
   - Step forward — Press the forward (FF) key on the remote to step ahead through the codes one at a time. Then, return to step 7.
   - Step backward — Press the rewind (REW) key on the remote to step back through the codes one at a time. Then, return to step 7.
   - Exit without saving the code — Press the EXIT key on the remote. The selected mode key flashes three times and returns to normal operation.
   - Send the current code — Press the POWER key on the remote to send the current code. If the device turns back on, press the ENTER key. If the device does not turn on, return to step 6.
   - Continue with auto-search function — Press the PLAY key on the remote to continue with the auto-search function. Then, return to step 6.

Auto-Searching the Code Library for AUX Mode Codes

(Program Code 922)

1. Turn on the device that you want to assign to the AUX key.
2. Point the remote at the device.
3. Press and hold the AUX key on the remote.
4. Release both AUX keys and the mode key blinks twice.
5. Enter the programming code 9 2 2 by pressing the numeric keys on the remote. The AUX key blinks twice indicating a successful entry.
6. Press the PLAY key on the remote to continue with the auto-search function. Then, return to step 6.
7. Point the remote toward the device, and press PLAY.
8. Your device powers off when it finds the correct code. Then, choose one of the following options:
   - Save code and exit — Press the ENTER key on the remote to program the code in the remote and the mode key flashes three times indicating a successful entry.
   - Step forward — Press the fast-forward (FF) key on the remote to step ahead through the codes one at a time. Then, return to step 7.
   - Step backward — Press the rewind (REW) key on the remote to step back through the codes one at a time. Then, return to step 7.
   - Exit without saving the code — Press the EXIT key on the remote. The selected mode key flashes three times and returns to normal operation.
   - Send the current code — Press the POWER key on the remote to send the current code. If the device turns back on, press the ENTER key. If the device does not turn on, return to step 7.
   - Continue with auto-search function — Press the PLAY key on the remote to continue with the auto-search function. Then, return to step 7.

Reassign Mode Keys

You can reassign a mode key to operate a different device. For example, you can reassign the AUX key to operate a DVD player or a TV. If you reassign a key, be sure you update the table found in this guide.

Reassigning Mode Keys

(Program Code 944)

1. Press and hold the STB mode key on the remote.
2. Without releasing the STB key, press and hold the OK key.
3. Release both keys and all mode keys flash twice.
4. Enter the programming code 9 4 4 by pressing the numeric keys on the remote. The mode key blinks twice indicating a successful entry.
5. Press and release the mode key associated with the device you want to control, and then press and release the reassign mode key that you want to change. The newly assigned mode key blinks once time indicating a successful entry.

Viewing and Browsing Control

- Accesses the phone menu
- Accesses Interactive Program Guide (IPG)
- Accesses the On Demand menu
- Accesses the DVR list of recordings
- Views live TV
- Moves through selections
- Selects and deselects on-screen items
- Clears all menu screens and returns to broadcast TV
- Accesses the Search menu
- Accesses INTERACT content (interactive content)
- Turns MultiScreen mode on or off
- Displays text information about the selected program
- Displays or closes the IPG
- Jumps to next section or switches to last channel viewed
- Selects the next channel, up or down, when watching TV.

Sound Control

- Adjusts volume
- Mutes sound

Numeric Keys

- Enters channel numbers, text, and remote codes. Also use to enter your parental control PIN
- Clears and enters numbers in text fields
- Enters and saves (stores) an entry

What Devices Can I Control?

The four mode keys are assigned to the four channels that the remote will control. You can operate.

What Devices Do I Want to Control?

To help you keep track of the devices you want to control, list the type of devices you have (including brands) in the following table. Then, use the code table at the end of this guide to locate the codes for your device. For example, look under TV Group if you need to program the remote to operate your TV. If you have two devices that use the same key, you must reassign the TV, DVD, or AUX key to a different device.

Table: Devices Do I Want to Control?

<table>
<thead>
<tr>
<th>Mode Key</th>
<th>Device Type</th>
<th>Brand</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>STB</td>
<td>DVD</td>
<td>Sony</td>
<td>2066</td>
</tr>
<tr>
<td>TV</td>
<td>DVD</td>
<td>Sony</td>
<td>2066</td>
</tr>
<tr>
<td>DVD</td>
<td>AUX</td>
<td>Sony</td>
<td>2066</td>
</tr>
</tbody>
</table>

*These keys can be reassigned to control different devices. Go to the Reassign Mode Keys section of this guide for instructions.
Some common examples:
- To program the AUX key to operate your DVD player, press DVD and then AUX.
- To program the DVD key to operate your TV, press TV and then DVD.

Change Volume Control
By default, once the TV mode key is programmed with a valid code, the volume and mute buttons control your TV. These keys adjust the volume of your TV higher, lower, or temporarily switch the volume off (Mute), regardless of whether the remote is in STB, TV, DVD, or AUX mode.

If you prefer, you can choose to have the volume and mute buttons control a different device rather than your TV, such as a home theater receiver. (See Controlling Volume for One Device below.) Note that you must first program one of the mode keys, such as AUX, with a valid code for that device.

Alternatively, you can choose to have the volume and mute buttons control different devices when the remote is in different modes. For example, you might want to control the volume on your TV when in TV mode, but the volume on your home theater receiver when in AUX mode. (See Controlling Volume for Different Devices below.) Note that not all devices have volume controls, so if you choose this option, the volume and mute buttons may do nothing in some modes, such as STB and DVD.

Controlling Volume for One Device (Program Code 955)
1. Press and hold the STB mode key on the remote.
2. Without releasing the STB key, press and hold the OK key.
3. Release both keys and all mode keys blink twice.
4. Enter the programming code 9 5 5 by pressing the number keys on the remote. The STB mode key blinks twice indicating a successful entry.
5. Press and release the mode key for the device you want the volume keys to control. For example, if you want to control volume through your TV, press and release TV. The selected mode key blinks three times to indicate a successful entry.

The volume keys now control only one device whether you are in STB, TV, DVD, or AUX mode.

Controlling Volume for Different Devices (Program Code 955)
1. Complete steps 1 through 4 of the Controlling Volume for One Device procedure.
2. Press and release the Enter key. The STB mode key blinks three times to indicate a successful entry.

After you press the Enter key, the channel key now controls the device associated with the mode key you selected. For example, in TV mode, the channel key controls the TV, but in STB mode, the channel key controls the set-top.

Notes:
- If any other key is pressed except the Mode keys and the ENTER key, the remote does not accept any changes or updates. The STB mode key displays a long red flash and the remote returns to normal operation.
- If the remote times out before you complete programming channel selection control, the remote does not accept any changes. You must start over from step 1 of this procedure.

Change Channel Control
The remote is set by default to control channel selection on the set-top. You can also program channel control to control any of the TV, DVD, or AUX mode devices provided the device allows for channel control assignment. Or, you can set the channel selection control programming to control channels (or page up or down) for all of the devices programmed in the four mode keys. Otherwise, you can only control channels (or page up or down) on a specific device, for example, the TV or DVD.

Note: The channel control keys include CH+Page, Jump, and the numeric keys 0 through 5.

Controlling Channels for One Device (Program Code 966)
1. Press and hold the STB mode key on the remote.
2. Without releasing the STB key, press and hold the OK key.
3. Release both keys and all mode keys blink twice.
4. Enter the programming code 9 6 6 by pressing the numeric keys on the remote. The STB mode key blinks twice to indicate a successful entry.
5. Press and release the mode key for the device you want the channel key to control. For example, if you want to control channels on your TV, press and release TV. The selected mode key blinks three times to indicate a successful entry.

The channel key now always controls the device associated with the mode code you selected in this procedure, whether in STB, TV, DVD, or AUX mode.

Controlling Channels for Multiple Devices at Once (Program Code 977)
1. Press and hold the STB mode key on the remote.
2. Without releasing the STB key, press and hold the OK key.
3. Release both keys and all mode keys blink twice.
4. Enter the programming code 9 7 7 by pressing the numeric keys on the remote. The STB mode key blinks twice to indicate a successful entry.
5. For the first device, press the STB key. The STB mode key blinks twice.
6. For the second device, press the appropriate mode key (TV, DVD, or AUX). The selected mode key blinks twice.
7. Repeat step 6 for up to two more devices (total of four devices).

Press the ENTER key to complete the power switch control programming. The last selected mode key blinks three times to indicate a successful entry.

Example: In an example scenario where you press only TV in steps 6 and 7, the POWER key controls both the set-top and the TV at the same time regardless of which mode the remote is in (STB, TV, DVD, or AUX).

Controlling Power for One Device at a Time (Program Code 977)
1. Press and hold the STB mode key on the remote.
2. Press the ENTER key to complete the power switch control programming. The last selected mode key blinks three times to indicate a successful entry.
3. After you select a mode, the POWER key controls the device assigned to that mode. For example, in TV mode, the remote controls power for the TV only.

Notes:
- If any other key is pressed except the Mode keys and the ENTER key, the remote does not accept any changes or updates. The STB mode key displays a long red flash and the remote returns to normal operation.
- If the remote times out before you complete programming power switch control, the remote does not accept any changes. You must start over from step 1 of this procedure.
Put It Back the Way I Got It

You can return all advanced functions back to their original settings by resetting the remote to factory default settings. Resetting the remote to factory default settings removes all of the programming you have entered for the remote. You must reprogram the remote to restore your original settings.

**Reseting the Remote to Factory Default Settings (Program Code 900)**

1. Press and hold the STB mode key on the remote.
2. Without releasing the STB key, press and hold the OK key.
3. Release both keys and all mode keys blink twice.
4. Enter the programming code 9 0 0 by pressing the numeric keys on the remote. The STB mode key blinks four times to indicate you have successfully reset the remote to factory default settings.

**Notes:**

- If any other key is pressed except the numeric keys, the remote does not accept any changes or updates. The STB mode key displays a long red flash and the remote returns to normal operation.
- If the remote times out before you complete the factory default reset procedure, the remote does not accept any changes. You must start over from step 1 of this procedure.

**Troubleshooting**

If there is no response when you press the keys on the remote, please check the following items before calling for service.

**Check the Batteries**

- Are the batteries inserted correctly?
- Check the battery condition for leakage.
- Replace with new alkaline batteries.

**Check the Device**

- Is the device's power cord connected to the power outlet?
- Is the device switched on?

**Check the IR Database Codes List**

Is the device brand name listed in the code list?

- If yes and there is more than one code listed, try using a different code to provide more functionality.
- If no, try the following:
  - Use the Auto-Search function to find a usable code.
  - If the Auto-Search function is unable to find a usable code, you may need to use the original remote provided with the device.

**Code Tables**

If the remote does not recognize your device, you can check the code for your device by brand name. Code tables in this section are organized by the devices assigned to each mode (TV DVD, and AUX).
Combination Device Codes

If you have a combination device, you may need to reassign the AUX key to operate one of the devices, for example, the VCR. The following tables provide some examples of combination devices. If your combination device is not listed, simply look for the codes for each separate device.

<table>
<thead>
<tr>
<th>Device Program Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>If your program codes to control devices, record your codes here for easy reference:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mode Key</th>
<th>Device Type</th>
<th>Brand</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example:</td>
<td>DVD</td>
<td>Sony</td>
<td>2066</td>
</tr>
<tr>
<td>TV</td>
<td>DVD</td>
<td>AUX</td>
<td></td>
</tr>
</tbody>
</table>

FCC Compliance

United States FCC Compliance

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

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

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

The information shown in the FCC Declaration of Conformity paragraph below is a requirement of the FCC and is intended to help you with information regarding the FCC approval of this device.

For the commission hold date, see the FCC disclosure notice for the operation of the device. You must contact your cable service provider for any questions you may have regarding the operation or installation of this device.

Declaration of Conformity

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

AllTouch IR Universal Remote Control

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Telephone: 770-235-1677

Canada EMI Regulation

This Class B digital apparatus complies with Canadian ICES-003. It is designed to operate in the manner specified in the applicable standard. The device complies with the requirements set out in the Radio Interference Regulations, Licensee No. 348516.

Cisco

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www.Cisco.com

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