



# AT6400 AllTouch IR Universal Remote Control

## User Guide

### Welcome to the Ultimate Control Experience

Your new AT6400 AllTouch® Infrared (IR) Universal Remote Control (remote) is a 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 arched across the top of the remote. These keys, known as **mode keys**, are labeled **STB**, **TV**, **DVD**, and **AUX**. Each mode key is associated with a specific device. As an example, after programming the remote, if you want the remote to operate 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.

### 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.

Refer to the code tables at the end of this guide to locate additional programming codes.

**Note:** You have the option to assign some remote keys to operate one device type only. For example, you may want to assign volume control to the TV only. If this is the case, you can reprogram power, volume, and channel control using procedures found later in this guide.

#### Assigning a Device Code to a Mode Key

1. Refer to the code tables at the end of this guide to locate the information for the device you want to program.

**Note:** If your device is not listed, you may be able to program the remote using the Auto-Search function. Go to **What if None of the Codes Work** for instructions.

2. Turn on the device that you want to assign to a mode key.

3. Press and hold the appropriate mode key (**TV**, **DVD**, or **AUX**) on the remote, and then press and hold the **OK** key.

4. Release *both* keys and the mode keys blink twice.

5. Enter the first 4-digit setup code for the device using the numeric keys (0-9) on the remote. The mode key blinks three times to indicate that the code entry was accepted.

**Notes:**

- When an invalid code is entered, the selected mode key displays a long flash to indicate that you have not entered the code correctly.
- Should the remote time-out before you complete the code setup, you must start over. This is indicated by one long flash of the red LED.

6. Point the remote at the device, and press **POWER** to test the device.

7. Did the device power off?

- If **yes**, write this code number in the table found in this guide. You may need it again if the device code is accidentally erased.
- If **no**, repeat this procedure from step 3 using a different setup code.

**Note:** If none of the codes listed for your brand of device operate the device correctly, go to **What if None of the Codes Work** for instructions.

8. Repeat this procedure for each mode key you want to program.

### 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 backlight blinks twice and the remote returns to normal operation.
- If any other key is pressed except **PLAY**, **ENTER**, **POWER**, **EXIT**, **REW**, **FF**, or numeric keys 1 through 4 (when programming the AUX mode key), the mode key displays a long red flash (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.

- Turn on the device you that you want to assign to the TV or DVD key.
- Point the remote at the device.
- Press and *while holding* a selected mode key (**TV** or **DVD**), press the **OK** key. For example, to search for a TV code, press and hold **TV** and **OK** at the same time.
- Release *both* keys and all the mode keys blink 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 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 6.
- Step backward** – Press the rewind (**REW**) key on the remote to step back through the codes one at a time. Then, return to step 6.
- 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 6.

#### Auto-Searching the Code Library for AUX Mode Codes (Program Code 922)

- Turn on the device that you want to assign to the AUX key.
- Point the remote at the device.
- Press and *while holding* the **AUX** key, press the **OK** key.
- Release *both* the **AUX** key and the **OK** key and all the mode keys blink twice.
- Enter the programming code **9 2 2** by pressing the numeric keys on the remote. The AUX key blinks twice indicating a successful entry.
- Press the **PLAY** key, choose one of the following device categories and then, using the number keys on the remote, press its assigned number (1 – 4) based on the following list:

- 1 = VCRs
- 2 = Receiver/Tuners
- 3 = Amplifiers
- 4 = HTIB

**Note:** The device categories are number-coded to provide a more direct programming method.

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 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)

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

#### 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.

### 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 brand) 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 the 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.

Mode Key	Device Type	Brand	Code
<b>Example: DVD</b>	<b>DVD</b>	<b>Sony</b>	<b>2066</b>
<b>TV</b>			
<b>DVD</b>			
<b>AUX</b>			

### What Devices Can I Control?

The four **mode keys** arched across the top of the remote tell the remote which device you want to operate.

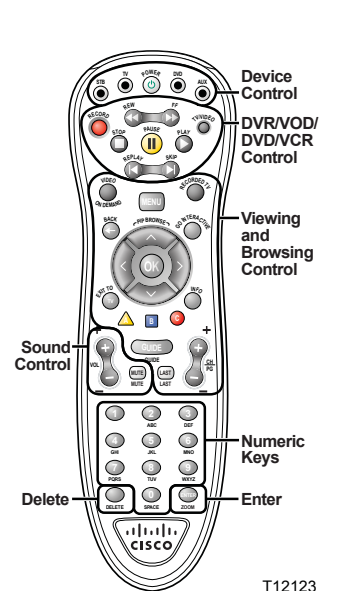


Each mode key is associated with different types of devices. You can use each mode key to control one of its associated devices:

Mode Key	Associated Devices
<b>STB</b>	IP gateway set-top
<b>TV*</b>	TVs (including HDTVs)
<b>DVD*</b>	DVD players
<b>AUX*</b>	VCRs, receivers, tuners, and Home Theater in a Box (HTIB)

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

### Quick Reference



#### Device Control

- POWER** Turns devices on or off
- STB** Enables set-top mode functions
- TV** Enables TV mode functions
- DVD** Enables DVD mode functions
- AUX** 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.

- RECORD** Records the selected program
- STOP** Stops DVD, VCR, VOD, or DVR content
- PAUSE** Pauses DVD, VCR, VOD, or DVR content
- PLAY** Plays DVD, VCR, VOD, or DVR content
- VIDEO** Scrolls through available TV or video input sources

**REW** **FF** Rewinds or fast forwards through DVR or VOD content

**REPLAY** **SKIP** Skips backward or forward through DVR or VOD content

#### Viewing and Browsing Control

- VIDEO** Accesses the On Demand menu
- BACK** Returns to previous screen
- MENU** Accesses the Main Menu
- RECORD** Accesses the DVR list of recordings
- SELECTION** Enables Interactive mode
- OK** Moves through selections
- OK** Selects and deselects screen items
- EXIT** Returns from menu screens and to viewing TV or video

**INFO** **GUIDE** **LAST** Selects options in menus and the program guide

- INFO** Displays text information about the selected program
- GUIDE** Displays or closes the IPG
- LAST** Returns to last channel viewed

**+** **-** Selects the next channel, up or down, when watching TV. Moves up or down one page in the IPG and in some menu screens

