Programming your Optik TV™ remote

There is a tutorial video on this topic. Please visit telus.com/helpcentre and select the title programming your remote.

Step 1 – programming the TV button

- 1) Find the remote user guide that came with your Optik TV remote. Or reference the guide online telus.com/optikremote
- 2 On the reverse side of the guide, use the code table to locate the correct code for your TV by looking up the brand and mode (TV or HDTV). There may be more than one TV code listed.
- 3 Turn on TV.
- 4 Press and hold TV; and then press OK
 when both are released, the buttons will flash 2 times.
- 5 Enter TV code on the number pad the (TV) button will flash 3 times.
- 6 Press (b) and your TV will now power off with your remote.

If your TV does not turn off, repeat steps 3-5 with the next code that's available for your TV. Repeat these steps until you have found the correct code and your TV powers off.

Step 2 – synchronizing the power button

- 1 Turn on your TV and TELUS TV set top box.
- 2 Press and hold stb;; and then press oK when both are released, the buttons will flash 2 times.
- 3 Enter code (9) (7) (7) on the number pad the (STB) button will flash 2 times.
- 4 Press STB and then the (TV) to link the 2 devices the buttons will flash 2 times.
- 5 Press OPTIONS
- 6 Press . Your TV and Optik TV digital box will now power off with your new remote.

Congratulations – you're done!

Troubleshooting: If the programming does not work properly, please refer to the FAQ's at **telus.com/remotefaq**









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 TELUS TV digital box (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

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 ALIX 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

Where Do I Start?

Before you begin using your remote, complete the

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

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-

- · 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.

- 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 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
- 4. Release both keys and all the mode keys blink

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
- 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 or 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 6
- Continue with auto-search function Press the PLAY key on the remote to continue with the autosearch 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 kev.
- 2. Point the remote at the device
- 3. Press and while holding the AUX key, press the OK
- 4. Release both the AUX key and the OK key and all the mode keys blink 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, 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 4 = HTIB 3 = Amplifiers

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

7. Point the remote toward the device, and press PI AY

- 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 autosearch 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
- 3. Release both the keys and all mode keys flash
- 4. 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.
- 5. Press and release the mode key associated with the type of device you want to control, the mode key should blink once. Then press and release the mode key that you want to change. The newly assigned mode key blinks three times indicating a successful entry.

- To program the AUX key to operate your DVD associated with the mode you selected in this procedure, whether in STB, TV, DVD, or AUX mode. player, press DVD and then AUX.
- To program the DVD key to operate your TV, press TV and then DVD.

Some common examples

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 always 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
- 3. Release both keys and all mode keys blink twice.
- 4. Enter the programming code 9 5 5 by pressing the number kevs on the remote. The STB mode kev
- 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

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)

times to indicate a successful entry.

- 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 volume keys control the device assigned to that mode. For example, in TV mode, the volume keys control volume for the TV only.

- · 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 volume control, the remote does not accept any changes. You must start over from step

Change Channel Control The remote is set by default to control channel

selection on the set-top. You can also prograr 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 9

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
- 3. Release both kevs and all mode kevs 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.
- want to control channels on your TV, press and release TV. The selected mode key blinks three times to indicate a successful entry.

Controlling Channels for Different Devices (Program Code 966)

1. Complete steps 1 through 4 of the Controlling Channels for One Device procedure.

The channel key now always controls the device

2. Press and release the Enter key. The STB mode key blinks three times to indicate a successful

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

- 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
- 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.

control the power switch on one device at a time, in either mode (STB, TV, DVD, or AUX). When in STB mode the remote switches the set-ton from OFF (standby mode) to ON, or from ON to OFF (standby mode). However, you can alternatively program the POWER key to control the power switch on up to four devices at the same time, instead of controlling one device at a time. It is highly recommended that you set up the POWER key to turn on and off your set-top and your TV at the same time. Turning off the set-top saves electricity and extends the life of the box. When turned off, the set-top can still record scheduled programs on its PVR and perform any other necessary functions.

Controlling Power for Multiple

- 1. Press and hold the STB mode key on the remote.
- 3. Release both keys and all mode keys blink twice.
- blinks twice to indicate a successful entry. 5. For the first device, press the STB key. The STB mode key blinks twice.
- 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).
- 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.

control programming. The last selected mode key

Controlling Power for One Device

- 1. Complete steps 1 through 4 of the Controlling Power for Multiple Devices at Once procedure
- 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. 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

Sound Control

TV mode key is programmed with a valid code.





Enters channel numbers, text, and remote codes. Also use to enter your parental control PIN

Enters and saves (stores) an entry or

The four mode keys arched across the top of the

STR

AUX*

DVD players

devices. Go to the Reassign Mode Keys section of this guide for instructions.

LED Indicators

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 severa keys whenever the remote is in use. They stay

There are red LEDs underneath each of the four

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

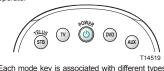
What Devices Do I Want to Control?

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 mus reassign the TV DVD or the ALIX key. The STR 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
Example: DVD	DVD	Sony	2066
TV			
DVD			
AUX			

accesses options menu

remote tell the remote which device you want to



devices. You can use each mode key to control one

Mode Key Associated Devices TELUS TV digital box TV* TVs (including HDTVs)

VCRs, receivers, tuners, and Home Theater in a Box (HTIB)

over. This is indicated by one long flash of the red

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

Mode Key	Device Type	Brand	Code
Example: DVD	DVD	Sony	2066
TV			
DVD			
AUX			·

MENU

OK >

0 0 0

7 8 9

6

GUIDE

4 5

Device

Control

Control

-Viewing

Browsing

Numeric

T14518

Keys

and

PVR/VOD/

How Does A Universal Remote Control Work?

Quick Reference

Device Control

Turns devices on or off

Enables TELUS TV digital box mode functions

Enables TV mode functions

DVD Enables DVD mode functions Enables AUX mode functions

Ö

PVR. VOD. DVD. VCR Control

· In STB mode, these keys control PVR and VOD In DVD and AUX modes, these keys may control your DVD or VCR depending on how you have

· Not all TELUS TV digital boxes are PVR-capable Records the selected program

Stops DVD, VCR, VOD, or PVR content Pauses DVD, VCR, VOD, or PVR content

PVR or VOD content

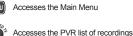
Plays DVD, VCR, VOD, or PVR content

Scrolls through available TV or video input

Rewinds or fast forwards through PVR or VOD content

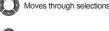
Skips backward or forward through

Viewing and Browsing Control Accesses the On Demand menu





Enables Interactive mode



OK Selects and deselects screen items Returns from menu screens and to viewing



Application-defined

Application-defined / Accesses Caller ID

Displays text information about the selected

GUIDE Displays or closes the IPG Tunes to the previously selected channel

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

Note: These kevs are assigned to the TV when the

Adjusts volume

Mutes sound

Clears text and numbers in text fields

What Devices Can I Control?

Each mode key is associated with different types of

DVD*

* These keys can be reassigned to control different

OK key.

5. Press and release the mode key for the device you want the channel key to control. For example, if you

If any other key is pressed except the Mode keys

Change Power Control The POWER key on the remote is set by default to

Devices at Once (Program Code 977)

2. Without releasing the STB key, press and hold the

4. Enter the programming code 9 7 7 by pressing the numeric keys on the remote. The STB mode key

6. For the second device, press the applicable mode

8. Press the ENTER key to complete the power switch

at a Time (Program Code 977)

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.

Resetting 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

- outlet?
- · Is the device switched on?

Check the IR Database Codes List

- using a different code to provide more functionality.

Code Tables

If the remote does not recognize your device, you can find codes for your device by brand name. Code tables

TV Mode Group

T) (
TV	
Abex	1098
Admiral	1001, 1099
Advent	1005, 1053, 1110, 1113
Adventura	1100
Aiko	1015
Aiwa	1034
Akai	1002, 1427
Alleron	1044
Amtron	1036
Anam National	1003, 1036
AOC	1004, 1005
Apex	1111, 1119, 1163, 1256
Audiovox	1036
Bang & Olufsen	1453
Belcor	1004
Bell & Howell	1001, 1045
Benq	1042
Bradford	1036
Broksonic	1114, 1121, 1382, 1383
Brokwood	1004
Candle	1004, 1007, 1100
Celebrity	1002
Citizen	1004, 1007, 1015, 1036, 1073, 1097, 1100
Colortyme	1004
Concerto	1004
Contec/Cony	1011, 1012, 1036
Craig	1036
Crosley	1000, 1053
Crown	1036, 1053
CTX	1257
Curtis Mathes	1000, 1004, 1014, 1045, 1073, 1097, 1385
CXC	1036
Cytron	1456
Daewoo	1004, 1005, 1013, 1015, 1016, 1097, 1106 1258 ,1362, 1368, 1369
Daytron	1004, 1097
DiamondVision	1461
Dimensia	1000
Dumont	1160
Durabrand	1259

TV, continued

,	
Dynatech	1004
Electroband	1002
Electrohome	1002, 1003, 1004,1018, 1021
Emerson	1004, 1011, 1013, 1025, 1028, 1031, 1033, 1036, 104- 1045, 1080, 1097, 1101, 1102, 1107, 1382, 1383
Envision	1004
Fisher	1043, 1045, 1047, 1103
Fujitsu	1044, 1029
Funai	1036, 1044, 1384
Futuretec	1036
Gateway	1038
GE	1000, 1003, 1004, 1008, 1021, 1048, 1049, 1063, 106 1094, 1144, 1164, 1224, 1367, 1380, 1381, 1385, 1386
Gibralter	1160
Goldstar	1004, 1005, 1011, 1018, 1050, 1090, 1091, 1097, 1091 1400, 1401
Grunpy	1036, 1044
Hallmark	1004
Harley Davidson	1384
Harvard	1036
Hisense	1112
Hitachi	1004, 1011, 1012, 1051, 1052, 1084, 1085, 1086, 108 1102, 1225, 1384
HP	1408
llo	1457
IMA	1036
Infinity	1053
Janeil	1100
JBL	1053
JC Penney	1000, 1004, 1005, 1007, 1012, 1021, 1048, 1049, 105 1063, 1068, 1072, 1073, 1075, 1097, 1098
JCB	1002
Jensen	1004, 1232, 1285, 1314, 1376
JVC	1011, 1012, 1026, 1049, 1052, 1054, 1055, 1080, 109 1117, 1131, 1235, 1288, 1299
Kawasho	1002, 1004
Kenwood	1004, 1018
Klose Novahoam	1036 1056 1057 1100

calling for service.	Liuyus	1304
· ·	Loewe	1053
Charle the Betteries	Logik	1001
Check the Batteries	Luxman	1004
Are the batteries inserted correctly?	LXI	1000, 1004, 1045, 1053, 1058, 1068, 1075
,	Magnavox	1004, 1007, 1018, 1053, 1056, 1057, 1059
 Check the battery condition for leakage. 		1110, 1147, 1228, 1260, 1300, 1301, 1302
Dealers with a second believe better to		1339, 1365, 1366, 1371, 1384, 1387
 Replace with new alkaline batteries. 	Magnin	1380
	Majestic	1001
Check the Device	Marantz	1004, 1051, 1053
Is the device's power cord connected to the power	Media Center	1408

Is the device brand name for the device listed in the

- · If yes and there is more than one code listed, try • 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.

in this section are organized by the devices assigned to each mode (TV, DVD, and AUX).

	<u> </u>	
TV/		Philips Magnav
1 V		Pilot
Abex	1098	Pioneer
Admiral	1001, 1099	Polaroid
Advent	1005, 1053, 1110, 1113	Portland
Adventura	1100	Price Club
Aiko	1015	Prima
Aiwa	1034	Prism
Akai	1002, 1427	Proscan
Alleron	1044	Proton
Amtron	1036	Pulsar
Anam National	1003. 1036	Pulser
AOC	1004. 1005	Quasar
Apex	1111, 1119, 1163, 1256	Radio Shack/
Audiovox	1036	Realistic
Bang & Olufsen	1453	RCA
Belcor	1004	
Bell & Howell	1001, 1045	
Bena	1042	
Bradford	1036	Runco
Broksonic	1114, 1121, 1382, 1383	Sampo
Brokwood	1004	Samsung
Candle	1004, 1007, 1100	·
Celebrity	1002	Sansui
Citizen	1004, 1007, 1015, 1036, 1073, 1097, 1100	Sanyo
Colortyme	1004	Scotch
Concerto	1004	Scott
Contec/Cony	1011, 1012, 1036	Sears
Craig	1036	·
Crosley	1000, 1053	Sharp
Crown	1036, 1053	Ohanin
CTX	1257	Shogun Signature
Curtis Mathes	1000, 1004, 1014, 1045, 1073, 1097, 1385	Simpson
CXC	1036	Sony
Cytron	1456	July
Daewoo	1004, 1005, 1013, 1015, 1016, 1097, 1106 1258 ,1362,	Soundesign
	1368, 1369	Squareview
Daytron	1004, 1097	SSS
DiamondVision	1461	Starlite
Dimensia	1000	Supre-Macy
Dumont	1160	Supreme
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nilips Magnavox oneer oneer olaroid ordinand oscan ulsar uarter uarter uarter dio Shack/ palsitic CA eplayTV cavision coh	3006, 3060 3111 3013 3000 3051 3007 3007 3007 3007 3007 3016, 3062, 3091, 3092, 3212 3001, 3007, 3011, 3016, 3021, 3023, 3029, 3047 3000, 3003, 3016, 3040, 3041, 3042, 3052, 3059, 3062, 3068, 3075, 3093, 3094, 3106, 3136, 3162, 3174, 3175, 3199, 3201, 3203, 3206, 3212, 3243, 3249, 3250 3252 3252 3064
nilips Magnavox oneer oneer olaroid oscan oscan oscan oscan oscan ustre ustre ustre ustre carte ustre carte ustre carte oscan	3006, 3060 3111 3013 3000 3051 3007 3007 3007 3007 3007 3007, 3011, 3062, 3021, 3023, 3029, 3047 3007, 3011, 3063, 3021, 3023, 3029, 3047 3000, 3003, 3016, 3040, 3041, 3042, 3052, 3059, 3062, 3058, 3075, 3093, 3004, 3108, 3163, 3162, 3174, 3175, 3199, 3201, 3203, 3206, 3212, 3243, 3249, 3250 3252 3223 3064
nilips Magnavox oneer oneer olaroid ordinad oscan olssar uarter uarte uarte uarte carte uarte carte carte carte carte oca	3006, 3060 3111 3013 3000 3000 3051 3007 3007 3007 3007 3007 3007 3007 300
nilips Magnavox neer laroid laroid laroid laroid laroid lisar larater lasar la	3006, 3060 3111 3013 3003 3000 3051 3007 3007 3007 3007 3007 3007, 3011, 3016, 3021, 3023, 3029, 3047 3007, 3011, 3016, 3021, 3023, 3023, 3029, 3047 3000, 3003, 3016, 3040, 3041, 3042, 3052, 3059, 3062, 3068, 3075, 3093, 3094, 3106, 3183, 3162, 3174, 3175, 3199, 3201, 3203, 3206, 3212, 3243, 3249, 3250 3252 3223 3064 3067, 3068, 3078, 3089, 3101, 3148, 3184, 3214, 3215, 3218, 3232, 3243
nilips Magnavox oneer introduction oneer introduction oscan	3006, 3060 3111 3013 3000 3000 3051 3007 3007 3007 3007 3007 3007 3007 300
nilips Magnavox oneer oneer intradid distribution oscan islar safet safe	3006, 3060 3111 3013 3003 3000 3051 3007 3007 3007 3007 3007 3007, 3001, 3002, 3212 3001, 3002, 3011, 3016, 3021, 3023, 3029, 3047 9000, 3003, 3016, 3040, 3041, 3042, 3052, 3059, 3062, 3068, 3075, 3033, 3094, 3106, 3183, 3162, 3174, 3175, 3199, 3201, 3203, 3206, 3212, 3243, 3249, 3250 3252 3263 3064 3011, 3069, 3094, 3089, 3101, 3148, 3184, 3214, 3215, 3218, 3222, 323 3001, 3051 3004, 3006, 3055, 3060, 3202, 3211, 3213 3007, 3070, 3201
nilips Magnavox oneer laroid l	3006, 3060 3111 3013 3000 3000 3051 3007 3007 3007 3007 3007 3007 3007 300
ilips Magnavox oneer laroid la	3006, 3066, 3060 3111 3013 3000 3000 3051 3007 3007, 3007, 3007, 3007, 3007, 3007, 3007, 3007, 3007, 3007, 3007, 3001, 3008, 3007, 3
ilips Magnavox oneer laroid la	3006, 3060 3111 3013 3000 3000 3000 3007 3007 300
silips Magnavox oneer laroid l	3006, 3066 3111 3013 3013 3000 3013 3000 3051 3007 3007 3016, 3062, 3091, 3092, 3212 3001, 3007, 3016, 3062, 3091, 3092, 3212 3001, 3007, 3011, 3016, 3040, 3041, 3042, 3052, 3059, 3062, 3068, 3075, 3093, 3094, 3106, 3136, 3162, 3174, 3175, 3199, 3201, 3203, 3206, 3212, 3243, 3249, 3250 3252 3223 3001, 3069, 3064, 3005, 3064, 3005, 3064, 3005, 3064, 3006, 3065, 3060, 3022, 3211, 3213 3007, 3070, 3201 3001, 3008, 3055, 3060, 3062, 3211, 3213 3007, 3070, 3201 3001, 3038 3007, 3013, 3023, 3007, 3013, 3023, 3007, 3013, 3023, 3007, 3013, 3023, 3037, 3033, 3023, 3017, 3163, 3164, 3176, 3177, 3173, 3023, 3037, 3069, 3100, 3107, 3163, 3164, 3176, 3177, 3173, 3023, 3047, 3060, 3100, 3137, 3163, 3164, 3176, 3177, 3173, 3023, 3047, 3060, 3100, 3137, 3163, 3164, 3176, 3177, 3173, 3123, 3023, 3047, 3060, 3100, 3137, 3163, 3164, 3176, 3177, 3173, 3123, 3024, 3017, 3176, 3177, 3163, 3164, 3176, 3177, 3176, 3177, 3163, 3164, 3176, 3177, 3176, 3177, 3163, 3164, 3176, 3177, 3176, 3176, 3177, 3163, 3164, 3176, 3177, 3176, 3177, 3163, 3164, 3176, 3177, 3176, 3176, 3177, 3176, 3176, 3176, 3177, 3163, 3164, 3176, 3177, 3176, 3177, 3176, 3176, 3176, 3177, 3176, 3176, 3177, 3176, 3176, 3177, 3176, 3176, 3176, 3177, 3176, 3176, 3176, 3177, 3176, 3176, 3176, 3177, 3176, 3176, 3176, 3177, 3163, 3164, 3176, 3177, 3176, 3177, 3176, 3177, 3176, 3176, 3176, 3177, 3176, 3176, 3176, 3177, 3176, 3176, 3176, 3177, 3176, 31
uilips Magnavox oneer laroid l	3006, 3060 3111 3013 3000 3051 3007 3007 3007 3007 3007 3007, 3001, 3062, 3091, 3092, 3212 3001, 3007, 3011, 3016, 3021, 3023, 3029, 3047 3007, 3007, 3011, 3016, 3021, 3023, 3029, 3062, 3062, 3068, 3075, 3033, 3094, 3106, 3183, 3162, 3174, 3175, 3199, 3201, 3203, 3206, 3212, 3243, 3249, 3250 3252 3263 3064 301, 3069, 3094, 3089, 3101, 3148, 3184, 3214, 3215, 3218, 3222, 323, 3249, 3250 3051 3011, 3069, 3094, 3089, 3101, 3148, 3184, 3214, 3215, 3218, 3222, 323, 3006, 3052, 3211, 3213 3007, 3070, 3061, 3029, 3030, 3052, 3211, 3213 3007, 3070, 3201 3011, 3038 3007, 3070, 3201 3011, 3038 3007, 3070, 3201 3011, 3038
ilips Magnavox oneer laroid la	3006, 3066 3111 3013 3000 3051 3007 3007 3016, 3062, 3091, 3092, 3212 3001, 3007, 3011, 3016, 3021, 3023, 3029, 3047 3000, 3001, 3007, 3011, 3016, 3021, 3023, 3029, 3047 3000, 3003, 3016, 3040, 3041, 3042, 3052, 3059, 3062, 3068, 3075, 3093, 3094, 3106, 3136, 3162, 3174, 3175, 3169, 3201, 3203, 3206, 3212, 3243, 3249, 3250 3223 3064 3061 3011, 3069, 3064, 3069, 3101, 3148, 3184, 3214, 3215, 3218, 3232, 3243 3001, 3061 3004, 3006, 3055, 3060, 3202, 3211, 3213 3007, 3070, 3201 3011, 3038 3007, 3016, 3029, 3030, 3052, 3211 3007, 3013, 3023, 3047, 3060, 3100, 3137, 3163, 3164, 3176, 3177, 2500 3048, 3058
uilips Magnavox oneer laroid l	3006, 3066 3111 3013 3013 3020 3013 3000 3051 3007 3007 3016, 3062, 3091, 3092, 3212 3001, 3007, 3016, 3062, 3091, 3092, 3212 3001, 3007, 3016, 3062, 3091, 3092, 3212 3001, 3007, 3011, 3016, 3021, 3023, 3029, 3047 3000, 3003, 3016, 3040, 3041, 3042, 3052, 3059, 3062, 3055, 3093, 3094, 3106, 3136, 3162, 3174, 3175, 3199, 3201, 3203, 3206, 3212, 3243, 3249, 3250 3252 3223 3001, 3064, 3006, 3069, 3064, 3069, 3064, 3069, 3064, 3069, 3064, 3069, 3061, 3011, 3029, 3021, 3011,
uilips Magnavox oneer laroid l	3006, 3060 3111 3013 3003 3000 3051 3007 3007 3007 3007 3007 3007 3007, 3011, 3016, 3021, 3023, 3029, 3047 3009, 303, 303, 304, 3041, 3042, 3052, 3059, 3062, 3063, 304, 3068, 3168, 3174, 3174, 3175, 3199, 3201, 3203, 3206, 3212, 3243, 3249, 3250 3252 3223 3064 3061, 3069, 3064, 3089, 3101, 3148, 3184, 3214, 3215, 3218, 3222, 3243 3007, 3070, 3201 3007, 3070, 3201 3007, 3070, 3201 3011, 3038 3007, 3070, 3201 3011, 3038 3007, 3070, 3201 3011, 3038 3007, 3070, 3201 3011, 3038 3007, 3070, 3201 3011, 3038 3007, 3070, 3201 3011, 3038 3007, 3070, 3201 3011, 3038 3007, 3070, 3201 3011, 3038 3007, 3070, 3201 3011, 3038 3007, 3070, 3201 3011, 3038 3007, 3070, 3201 3011, 3038 3007, 3070, 3201 3011, 3038 3007, 3070, 3201 3011, 3038 3007, 3070, 3201 3011, 3038 3007, 3070, 3201 3011, 3038 3007, 3070, 3070, 3071, 3103, 3104, 3138, 3164, 3176, 3177, 3200 3048, 3058 3061 3071 3084, 3089, 3089, 3085, 3104, 3138, 3139, 3140, 3178, 3179, 3187, 3192, 3195, 3209, 3211, 3217, 3223, 3224, 3217, 3223, 3224, 3219, 3219, 3219, 3219, 3229, 3211, 3217, 3223, 3224, 3219, 3223, 3224
silips Magnavox oneer on	3006, 3060 3111 3013 3000 3000 3000 3007 3007 300
silips Magnavox oneer laroid l	3006, 3066, 3060 3111 3013 3000 3000 3051 3007 3016, 3062, 3091, 3092, 3212 3001, 3007, 3016, 3062, 3091, 3092, 3212 3001, 3007, 3011, 3016, 3021, 3023, 3029, 3047 3000, 3003, 3016, 3040, 3041, 3042, 3052, 3059, 3062, 3068, 3075, 3093, 3094, 3106, 3136, 3162, 3174, 3175, 3199, 3201, 3203, 3206, 3212, 3243, 3249, 3250 3252 3223 3001, 3069, 3084, 3089, 3101, 3148, 3184, 3214, 3215, 3218, 3232, 3243 3001, 3061 3001, 3061 3004, 3006, 3055, 3060, 3202, 3211, 3213 3007, 3070, 3201 3011, 3038 3007, 3016, 3029, 3030, 3052, 3211 3001, 3013, 3023, 3047, 3080, 3100, 3137, 3163, 3164, 3176, 3177, 3122, 3185, 3209, 3211, 3217, 3223, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3240, 3245
nilips Magnavox oneer and oneer	3006, 3060 3111 3013 3000 3051 3007 3007 3007 3007 3007 3007 3007 300
uilips Magnavox oneer laroid l	3006, 3066, 3060 3111 3013 3000 3000 3051 3007 3016, 3062, 3091, 3092, 3212 3001, 3007, 3016, 3062, 3091, 3092, 3212 3001, 3007, 3011, 3016, 3021, 3023, 3029, 3047 3000, 3003, 3016, 3040, 3041, 3042, 3052, 3059, 3062, 3068, 3075, 3093, 3094, 3106, 3136, 3162, 3174, 3175, 3199, 3201, 3203, 3206, 3212, 3243, 3249, 3250 3252 3223 3001, 3069, 3084, 3089, 3101, 3148, 3184, 3214, 3215, 3218, 3232, 3243 3001, 3061 3001, 3061 3004, 3006, 3055, 3060, 3202, 3211, 3213 3007, 3070, 3201 3011, 3038 3007, 3016, 3029, 3030, 3052, 3211 3001, 3013, 3023, 3047, 3080, 3100, 3137, 3163, 3164, 3176, 3177, 3122, 3185, 3209, 3211, 3217, 3223, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3224, 3225, 3240, 3245
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nilips Magnavox oneer laroid l	3006, 3066, 3060 3111 3013 3001 3000 3000 3001 3007 3007
nilips nilips Megnavox nilips Megnavox nilips Megnavox noneer sleroid ritinand rosean slear sleroid ritinand slear	3006, 3066, 3066, 3111 3013 3000 3051 3007 3007 3016, 3062, 3091, 3092, 3212 3001, 3007, 3016, 3062, 3021, 3023, 3029, 3047 3000, 3003, 3016, 3040, 3041, 3042, 3052, 3059, 3062, 3068, 3075, 3093, 3094, 3106, 3136, 3162, 3174, 3175, 3199, 3201, 3203, 3206, 3212, 3243, 3249, 3250 3252 3223 3001, 3008, 3004, 3006, 3212, 3243, 3249, 3250 3051 3051 3051 3007, 3011 3011, 3069, 3064, 3069, 3101, 3148, 3184, 3214, 3215, 3218, 3222, 3243 3001, 3058, 3058, 3060, 3052, 3211, 3213 3007, 3070, 3201 3011, 3018, 3028, 3030, 3052, 3211 3007, 3016, 3028, 3047, 3080, 3100, 3137, 3163, 3164, 3176, 3177, 3200 3048, 3069, 3064, 3068, 3069, 3211, 3217, 3223, 3224, 3225, 3226, 3240, 3245 3021 3011, 3038, 3068, 3068, 3104, 3138, 3139, 3140, 3178, 3179, 3187, 3192, 3195, 3209, 3211, 3217, 3223, 3224, 3225, 3226, 3240, 3245 3023 3016, 3052 3016, 3052 3016, 3032, 3021, 3036, 3037, 3038, 3061, 3088, 3095, 3105, 3147, 3002, 3021

VCR, continued

Teknika	3016, 3021, 3050
Thomas	3211
Toshiba	3011, 3029, 3030, 3038, 3096, 3098, 3099, 3102, 3103
	3141, 3142, 3149, 3165, 3166, 3167, 3168, 3180, 318
	3185, 3210, 3219, 3220, 3223, 3227, 3241
Touch	3223
Vector Research	3005, 3006, 3011
Victor	3006
Video Concepts	3005, 3006, 3011
Viewsonic	3223
Voodoo	3223
Wards	3001, 3011, 3016, 3021, 3023, 3047, 3052
Westinghouse	3002
XR-1000	3016, 3021
Yamaha	3005, 3006, 3007, 3014, 3055
Zenith	3048, 3051, 3058, 3064, 3072, 3097, 3119, 3143, 314
	3186, 3196, 3198, 3202, 3204, 3211, 3213
ZT Group	3223

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.

DVD/VCR Combo

	DVD	VCR
Apex	2229	3189
Broksonic	2072	3082
CineVision	2230	3242
Daewoo	2062	3076
Emerson	2073	3083
Go Video	2046, 2127, 2129, 2230, 2239, 2129	3066, 3110, 3109, 3188, 3193, 3221
Hitachi	2126, 2173	3117, 3169
Insignia	2369	3239
JVC	2047, 2097, 2166, 2232, 2166, 2359, 2360, 2361, 2362, 2364, 2365, 2366, 2367	3067, 3118, 3170, 3194, 3171, 3228, 3229, 3230, 3231, 3234, 3235, 3236, 3237
LG	2363, 2368	3233, 3238
Magnavox	2237 3190	
Panasonic	2066, 2167, 2228	3078, 3172, 3191
Philips	2051, 2169	3071, 3173
Polaroid	2007	3111
RCA	2048, 2165, 2172	3068, 3174, 3175
Samsung	2049, 2074, 2085, 2233, 2290, 2311	3069, 3084, 3101, 3184, 3214, 3218, 3232
Sanyo	2050	3070
Sharp	2170, 2174	3176, 3177
Sony	2065, 2067, 2171, 2238, 2244, 2067, 2355, 2356, 2357	3104, 3085, 3179, 3187, 3192, 3178, 3224, 3225, 3226, 3240
Toshiba	2080, 2084, 2168, 2235, 2312, 2358	3103, 3102, 3180, 3185 3219, 3227, 3241
Zenith.	2052, 2128, 2234, 2236	3072, 3119, 3186, 3186

TV/DVD Combo

	1 V	טעט
Akai	1427	2378
Apex	1163	2095
Axion	1459	2379
Bang & Olufsen	1453	2370
Broksonic	1114	2053
Coby	1460	2380
Cytron	1456	2374
DiamondVision	1461	2382
Hitachi	1226	2240
llo	1457	2375
Initial	1457	2381
JVC	1288	2206
LG	1255	2371
Mintek	1457	2381
Panasonic	1289	2207
Philips	1290, 1291, 1337	2208, 2209, 2243
Polaroid	1458, 1440	2377, 2409
RCA	1115, 1162, 1379	2063, 2099, 2289
Sansui	1122	2071
Sylvania	1150, 1464	2092, 2408
Toshiba	1116, 1293, 1294, 1345	2054, 2210, 2231
Westinghouse	1454	2372

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Receiver

VCR

TV/Receiver Combo TV

Philips	1390	5138	
Polaroid	1393	5141	

TV/VCR Combo TV

Broksonic	1121, 1382, 1383	3081, 3213, 3202
Daewoo	1298	3150
Emerson	1382, 1383	3213, 3202
ЗE	1164, 1380, 1381	3090, 3201, 3203
JVC	1299	3151
Magnavox	1300, 1301, 1302, 1321	3152, 3153, 3154, 3181
Magnin	1380	3201
MGA	1380	3201
Mitsubishi	1381	3203
Orion	1382, 1383	3213, 3202
Panasonic	1305, 1306	3158, 3159
Penney	1380	3201
Philips	1307, 1308	3160, 3152
Quasar	1165, 1166	3091, 3092
RCA	1167, 1168, 1310, 1380, 1381	3093, 3094, 3162, 3201 3203
Samsung	1161	3089
Sansui	1382, 1383	3213, 3202
Sanyo	1380	3201
Sharp	1311, 1312	3163, 3164
Sylvania	1145	3095
Toshiba	1006, 1267, 1313, 1315,	3096, 3168, 3165, 3166,

TV/DVD/Tuner Combo

	TV	DVD	Tuner
uov.	1455	2272	E1E2

TV/DVD/VCR Combo

	TV	DVD	VCR
Magnavox	1339	2241	3183
Panasonic	1123, 1152	2075, 2076	3087, 3086
RCA	1151	2077	3106
Samsung	1297	2214	3148
Sharp	1153, 1378	2086, 2292	3100, 3200
Sylvania	1027, 1124, 1296	2064, 2078, 2213	3105, 3088, 3147
Toshiba	1154, 1158,	2093, 2094	3099, 3098,

TV/VCR/Tuner Combo

	TV	VCR	Tuner
anasonic	1303, 1304	3155, 3156,	5109, 5110,
		3157	5111
hilips	1309	3161	5112

TV/DVD/VCR/Tuner Combo TV DVD VCR

Tuner Panasonic 1292,1295 2211, 2212 3145, 3146 5107, 5108

Device Program Codes

If you program codes to control devices, record your codes here for easy reference:

Mode Key	Device Type	Brand	Code
Example: DVD	DVD	Sony	2066
TV			
DVD			
AUX			

FCC Compliance

United States FCC Compliance

This device 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 such interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to coor in a particular installation. 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:

- nore 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 service provider or an experienced radiotelevision technician for help.

help.

Any changes or modifications not expressly approved by Cisco Systems, Inc., could void the user's authority to operate the equipment.
The information shown in the FCC alberation of Conformity paragraph below is a requirement of the FCC and is intended to supply you with information regarding the FCC approval of this device. The phone numbers listed are for FCC-ordination so not yard not intended for questions regarding the connection or operation for this device. Please contact your service provider for any questions you may have regarding the operation or installation of this device.

F© Declaration of Conformity

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions: 1) the device may not cause harmful interference, and 2) the device must accept any interference received, including interference that may cause undesired operation.

AllTouch IR Universal Remote Control AT6400 Cisco Systems, Inc. 5030 Sugarloaf Parkway Lawrenceville, Georgia 30044 USA Telephone: 770-236-1077

Canada EMI Regulation

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la class B est conforme à la norme NMB-003 du Canada. 20081121 FCC Standard





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Remote Control Part Number 4034691 (Telus version - Black)
User Guide Part Number 4026596 Rev A