



Titan Remote Control



Users Guide

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PREPROGRAMMED FOR YOUR SET-TOP BOX

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FEATURES

Control Your Home Theater Equipment

The Titan universal remote control comes pre-programmed to operate the set-top box that is supplied by your service provider. In addition, Titan can be programmed to control 4 additional home theater equipment devices.

Learning

If you would like to add certain control functions to Titan that exist on another remote control, you can copy those functions from the original remote to Titan by following the steps in the LEARNING section of this Users Guide.

Backlighting

The Titan universal remote control includes a keypad backlight. This allows for easy key navigation in dark ambient light conditions. If you wish to disable this feature, please refer to the BACKLIGHTING section of this Users Guide.

Volume Lock

You can use the Titan remote control to control your home theater volume through one designated device, regardless of the operating mode of the remote. The default setting for VOLUME LOCK is for the remote to use the TV to control volume and mute functions.

Channel Lock

You can use the Titan remote control to control your home theater channel changing through one designated device, regardless of the operating mode of the remote. The default setting for Channel Lock is for the STB that is supplied by your service provider to be used for channel changing.

Macros

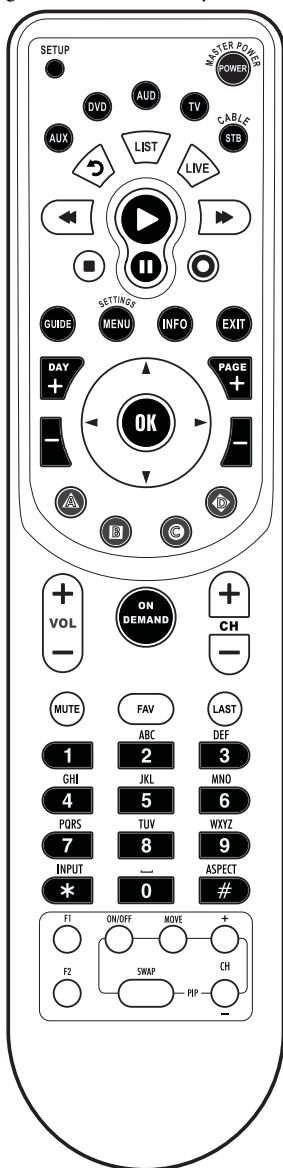
Titan supports the creation of macros, which allow you to record a sequence of key-presses and store them on one key. Once a macro is recorded, anytime that key is pressed, the remote will send out the whole series of key-press commands relating to the macro. Example: Once key-press could turn TV on, turn DVD on, turn audio receiver on, and put receiver in DVD input mode so your home theater is ready for DVD viewing.

Master Power Macro














The Master Power Macro is a special feature that can be enabled so that Titan remote control can turn all of your home theater devices ON or OFF with a single key-press. Refer to the MASTER POWER MACRO section of the users guide for instructions to enable this feature.

FEATURES AND FUNCTIONS


Use the illustration below to locate features on the Titan Remote Control and then study the Key Charts (on the next three pages) to learn how they function.





Key Charts

Key	Function
	Use SETUP for all programming sequences.
	Press POWER once to turn on or off a home theater device. For MASTER POWER control, see “Using the Master Power Key” on page 19.
	Press AUX , DVD , AUD , TV , or STB once to select a home entertainment device to control. Each key has a red LED that blinks each time a key is pressed to indicate the current operating mode.
	Press SKIP BACK to instantly replay the last 7 seconds of the program you are watching.
	Press LIST once to display a list of recorded programming on your DVR/PVR.
	Press LIVE to return to watching LIVE TV.
	Use these keys to control playback of video or audio files relating to DVR/PVR, DVD, VCR, or CD devices.
	Use GUIDE to display the program guide available from your service provider.
	Use MENU to display the options menu of the home theater device you are controlling.
	Use INFO to display the current channel and program information.
	Use EXIT to directly exit menus, guides, and applications.
	Use DAY+ (or DAY-) to move a day forward (or back) on your program guide.
	Use the Cursor keys to move the cursor in the program guide and menu screens and to navigate within the interactive service. Use OK to choose options, PPV events, and to tune to programs from the program guide.


Key	Function
-----	----------


	Use PAGE+ (or PAGE-) to page up (or page down) through menu screens and the program guide.
----------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------


	Use A , B , C , or D as shortcuts to access additional features available honour set-top box menu screens, program guide, and interactive applications.
----------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------


	Use VOL+ (or VOL-) to raise (or lower) the audio volume.
----------------------------------------------------------------------------------	-------------------------------------------------------------------------


	Press ON DEMAND for direct access to On-Demand programming and other interactive services.
----------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------


	Use CH+ (or CH-) to select the next higher (or lower) channel. For DVD players, use these keys to skip forward (or reverse) through chapters. For amplifiers/receivers, use these keys to select the next higher (or lower) preset station.
-----------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------


	Press MUTE once to turn sound off; press again to turn sound back on.
------------------------------------------------------------------------------------	------------------------------------------------------------------------------

	Use FAV to cycle through your favorite channels stored on your service provider's set-top box.
------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------

	Use the keypad numbers (1-9 , and 0) to directly tune channels (e.g., 09). For amplifiers/receivers, use the keypad numbers to select inputs 1 through 10.
------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

	In CBL mode, press INPUT to view other video sources (A or B) instead of cable. In all other modes, use INPUT to select an input source for that device.
------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------

	Press ASPECT once to change the aspect ratio (4:3 or 16:9) on your STB or TV.
------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------

	These are macro keys that can be customized by you or your service provider.
------------------------------------------------------------------------------------	------------------------------------------------------------------------------

Key**Function**

ON/OFF



Use **PIP ON/OFF** to open or close PIP window.

SWAP



Use **SWAP** to swap the primary viewing channel with the PIP channel. For a DVR/PVR, **SWAP** can be used to switch the active channel tuner.

MOVE



Use **MOVE** to move the PIP window location.

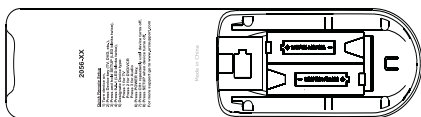
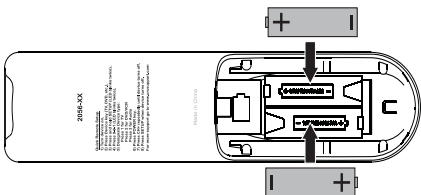
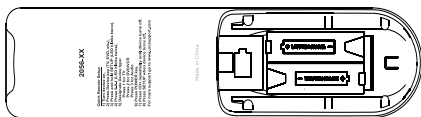
+



CH




Press **PIP+ / PIP-** to change the PIP channel.

INSTALLING BATTERIES

1. On the back of the remote control, press your thumb on the indentation on the battery door and slide the battery door off.
2. Locate the two (2) enclosed AA batteries. Match the + and - marks with those in the battery case, then insert them.

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3. Slide the battery door back into place. It should securely fasten to the remote.
4.  Test the remote control by pressing any mode key (e.g., **TV**). If the batteries are inserted correctly, the LED (red light) will blink once.



NOTE: When batteries need replacement, the active mode LED will blink 5 times upon each key-press. Replace the batteries and the unit will be restored to its full functionality, complete with your favorite settings.

BASIC SETUP: PROGRAMMING DEVICE CONTROL

The Titan universal remote control comes pre-programmed to operate the set-top box that is supplied by your service provider. In addition, Titan can be programmed to control four (4) additional home theater equipment devices.

NOTE: If you have another brand of set-top box that you wish to control with the STB key, you'll need to refer to "Re-Programming Set-Top Box Control" on page 22 of this manual.

NOTE: Please read steps 2 through 5 completely before proceeding. Highlight or write down the codes and device you wish to program before moving on to step 2.

1. Turn on all of the devices that you wish to control.
2.  On the remote control, press the mode key that you wish to program once (**AUX, DVD, AUD,** or **TV,**); it blinks once.
3.  Press and hold **SETUP** until the mode LED blinks twice.
4. Use the "Manufacturer's Codes" starting on page 25 to locate device type and brand name for the device you wish to control. Enter the first five-digit code for your device. If performed correctly, the mode LED blinks twice.

NOTE: If the selected mode LED emits a long blink, the entry is invalid. Repeat steps 2 through 4 and try entering the same code again.

5. Aim the remote control at the device and press **POWER** once. The device should turn off. If it does not, repeat steps 2 through 3, trying each code for your brand until you find one that works. If it still does not respond, try searching for the code (“Searching for Your Code” starting on page 9).



NOTE: If the device does not have a **POWER** key, press the ▶ (Play) key.

Repeat steps 2 through 5 for another mode and/or key or press and hold **SETUP** to exit programming. **TV Code**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------	----------------------

Device Type: _____

AUD Code

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------	----------------------

Device Type: _____

DVD Code

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------	----------------------

Device Type: _____

AUX Code

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------	----------------------

6. Device Type: _____

SEARCHING FOR YOUR CODE

If your home entertainment device does not respond to the Titan Remote Control after trying all of the codes listed for your brand, or if your brand is not listed at all, try searching for your code.

For example, to search for a code for your TV:

1. Turn on your TV.
2. On the remote control, press **TV** once; it blinks once. Then press and hold **SETUP** until the **TV** key blinks twice.
3. Enter **9 9 1**. The **TV** key blinks twice.



4. Enter one of the following four digits:

COMPONENT TYPE	COMPONENT ID #
Set-Top Boxes (Cable, Sat, etc.)	0
TV	1
DVD/VCR/DVR	2
Audio Devices	3

5. Aim the remote control at the TV and press **POWER** once.



6. Press and release the **CH+** key continuously, then stop when the TV turns off.



CH

- NOTE:** In the search mode, the remote control sends IR codes from its library to the selected device, starting with the most popular code first.

7. Press **POWER**. The TV should turn on, then press **SETUP** to lock in the code.



SETUP



- NOTE:** If the TV does not turn on during step 6, then slowly press and release **CH-** to go back through the codes. Press **SETUP** when the TV turns on.

CH



8. To search for the codes of your other devices, repeat steps 1 through 6, but substitute the appropriate key (e.g., **AUX**, **DVD**, **AUD**, or **STB**) for the device you are searching for.

CHECKING THE CODES

If you have programmed one of your Titan remote's mode keys by searching for your device code (on the previous page), you may need to find out which five-digit code is operating your equipment.

For example, to find out which code is operating your TV:

1. On the remote control, press **TV** once; it blinks once. Then press and hold **SETUP** until the **TV** key blinks twice.



2. Enter **9 9 0**. The **TV** key blinks twice.



3. To view the code for the first digit, press **1** once. Count the number of times the **TV** key blinks (e.g., 3 blinks = 3) and write down the number in the leftmost TV Code box on page 9.



NOTE: If a code digit is 0, the selected mode key does not blink.

4. Repeat step 3 four more times for the remaining digits. Use **2** for the second digit, **3** for the third digit, **4** for the fourth digit, and **5** for the fifth digit. Finish writing down the code in the TV Code boxes on page 9.



5. To check for other device codes, repeat steps 1 through 4, but substitute the appropriate key (e.g., **AUX**, **DVD**, **AUD**, or **STB**) for the device you are checking. Write down the codes in the appropriate boxes on page 9.

USING LEARNING

The Titan Remote Control includes a Learning feature so you can add functions that are unique to your home entertainment devices (e.g., VCR Tracking Up or Down). However, there are some considerations.

Learning Precautions

- Your original remote controls must be in working order for learning to work properly.
- Learned keys are mode-specific, so each one can store a unique function for each mode.
- Do not use the following keys for learning: **Mode Keys**, **SETUP**, **Record** (●), **Tune-In Keys**.

- Learning capacity is approximately 16 to 25 keys, depending on the code being learned.
- Certain device functions are not learnable including multi-frequency types, some high frequency ones, and other unusual formats.
- For optimum learning, avoid high levels of ambient light such as natural sunlight or energy-efficient fluorescent lights.

NOTE: Please have your original remote controls handy before programming learning.

Programming a Learned Key

NOTE: If more than 10 seconds pass between key presses, the remote exits programming.

1. Press and hold **SETUP** until the last-selected mode key blinks twice, then press **9 7 5**.

SETUP

9

7

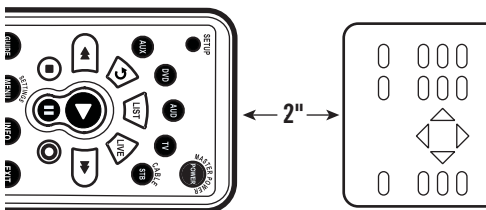
5

NOTE: If the LED displays one long flash instead, either your batteries are low, or the Titan Remote Control has a memory fault.

2. Press a mode key once (i.e., **AUX**, **DVD**, **AUD**, **TV**, or **STB**) to assign a mode for learning.

AUD

3. Place the Titan Remote Control head-to-head (about 2" apart) from your original remote control.



4. Press the key on your Titan remote control that is supposed to learn the new code. The mode LED begins blinking rapidly. On the original remote, press and hold the key to be learned. Continue holding the key on the original remote until the Titan Remote Control's LED blinks twice.

NOTE: If the LED on the Titan remote displays one long blink, a learning error has occurred. Try repeating this step again until a successful capture occurs. If the function is still not captured, press and hold **SETUP** to exit programming and review the "Learning Precau-

tions” on the previous page. If needed, also see “Troubleshooting” on page 23. After review, start programming again at step 1.

5. Repeat steps 2 through 4 for another mode and/or key or press and hold **SETUP** to exit programming.



Deleting a Single Learning Key

This process returns the key to its original programming for the mode you select. You can also delete learned programming by teaching a different function to the key (see “Programming a Learned Key” on page 12)

NOTE: If more than 10 seconds pass between key presses, the remote exits programming.

1. Press and hold **SETUP** until the last-selected mode key blinks twice, then press **9 7 6**.



2. Press a mode key once (i.e., **AUX, DVD, AUD, TV, or STB**).



3. Press the key containing the learned function to be deleted twice. The mode LED blinks once.

4. Repeat steps 2 through 3 for another key or press and hold **SETUP** to exit programming.



Deleting All Learned Keys in a Specific Mode

NOTE: If more than 10 seconds pass between key presses, the remote exits programming.

1. Press and hold **SETUP** until the last-selected mode key blinks twice, then press **9 7 6**.



2. Press a mode key twice (i.e., **AUX, DVD, AUD, TV, or STB**) to clear all the learned keys for that mode. The LED blinks twice.



3. Repeat step 2 through 3 for another mode and/or key or press and hold **SETUP** to exit programming.



PROGRAMMING VOLUME LOCK

Volume Lock allows you to set your remote to direct all volume commands to whichever home theater device you designate as your audio source. By default, Global (All) Volume Lock is set to TV, so you can control TV volume while in any mode on your remote. You can also perform Volume Lock on a selected device or set of devices to set Volume Lock to function on some modes, but not on others.

Locking All Volume Control to a Single Device

To change the Global Volume Lock setting from TV (default) to another device, follow these steps:

1. Press and hold **SETUP** until the mode LED

SETUP



blinks twice.

2. Enter **9 9 3**. The mode LED blinks twice.



3. Press **VOL+** once. The mode LED blinks once.



4. Press the mode key for the device that you wish volume functions to control. The mode LED blinks twice.

Now pressing **VOL+**, **VOL-**, or **MUTE** controls only that device's volume, regardless of operating mode.

Locking Volume Controls for Specific Device Modes

To set Volume Lock to occur for some device modes, but not others, you must first follow the steps under "Unlocking All Volume Locks" on page 15. Then proceed to the steps below:

1. Press the mode key for the device that you wish volume functions to control.
2. On the remote control, press and hold **SETUP** until the last-selected device key blinks twice.

SETUP



3. Enter **9 9 3**. The mode key LED blinks twice.



- Press each mode key that relates to the devices that you do not use for volume control. These will be the modes in which the volume functions control the device related to the mode key you pressed in step 1. Any mode omitted from this step will have all volume controls assigned to that mode's device.
- Press **SETUP** to save. The mode LED blinks twice.

SETUP



Unlocking All Volume Locks

Performing these instructions sets independent volume control for all programmed devices (e.g., when in DVD mode, the **VOL** and **MUTE** keys send commands to the DVD player).

1. On the remote control, press and hold **SETUP** until the mode key LED blinks twice.

SETUP



- Enter **9 9 3**. The last-selected device key blinks twice.



- Press **VOL-** once. The mode LED blinks four times. Now, volume functions are controlled through whichever device mode is active on the remote control.



PROGRAMMING CHANNEL LOCK

By default, the remote control's channel-control capabilities are locked to the set-top box supplied by your service provider. The affected keys* are **1** through **0**, **CH+**, **CH-**, and **LAST**. This will guarantee that you do not inadvertently change a channel on your TV or VCR while watching broadcast programming on your set-top box. However, you can de-activate this feature to allow full access to these keys to control the device associated with the active mode.

Locking All Channel Control to One Device

To lock all channel-control functions to a specific device, follow these steps:

- Press and hold **SETUP** until the mode LED blinks (e.g., TV) twice.

SETUP



2. Enter **9 7 3**. The mode LED (e.g., TV) blinks twice.



3. Press **CH+** once. The mode LED (e.g., TV) blinks once.



CH

4. Press the mode key for the device that you want to use for channel-changing. The mode LED blinks twice.

Now, regardless of what mode you select, the channel keys will only change channels on the assigned device.

Locking Channel Control for Specific Device Modes

To set Channel Lock for some device modes, but not others, you must first follow the steps under “Unlocking Channel Control” on page 17. Then follow the steps below:

1. Press the mode key that corresponds to the device you wish with to command for channel-changing functions. The mode LED (e.g., TV) blinks once.

2. Press and hold **SETUP** until the mode LED (e.g., TV) blinks twice.

SETUP



3. Enter **9 7 3**. The mode LED (e.g., TV) blinks twice.



4. Press each mode key that you do not use for channel-changing functions. These are the modes in which the channel-changing functions will control the device related to the mode key you pressed in step 1. Any mode omitted from this step has all channel controls assigned to that mode's device.






5. Press **SETUP** to save. The mode LED blinks twice.

SETUP



Unlocking Channel Control

To unlock Channel Lock and thus allow the channel control functions to work with the device associated to the active operating mode, follow these steps:

1. Press and hold **SETUP** until the mode LED blinks twice.

2. Enter **9 7 3**. The mode LED blinks twice.



3. Press **CH-** once. The mode LED blinks four times.


Now the channel functions correspond to the active mode (e.g., press **CH+** in TV mode and the TV changes channel accordingly).

PROGRAMMING MACRO KEYS

The Titan Remote Control includes two macro keys (**F1** and **F2**, located directly below the **INPUT** key at the bottom of the remote). Macros allow you to record a series of key-presses and have the whole series of functions execute each time the related Macro key is pressed. For example, you can set up a key macro to power on your TV and DVD player, change inputs on the TV, and go to the main menu on the DVD player all with the touch of one macro key. Quite often, your service provider will assign macros to these keys and will provide tune-in labels that describe the assigned key function.

If you want to change the macros stored in a previously-programmed macro key, you'll need to clear the key first (See "Clearing a Macro Key" on page 18.).

Programming a Macro Key

1. On the remote control, press and hold **SETUP** until the mode LED blinks twice.

SETUP



2. Enter **9 9 5**. The mode LED blinks twice.

9

9

5

3. Select a macro key (for example, **F1**) and press it once. The mode LED blinks once.

4. Press the key sequence you want to program into the macro. For example, to turn on your TV and raise its volume, press **TV, POWER, VOL+, VOL+, VOL+....**



VOL

NOTE: You can program up to 15 key presses into one macro.

5. Press and hold **SETUP** until it blinks twice. Now the macro is saved to the assigned macro key.

SETUP



6. To add another macro, repeat steps 1 through 5 for the other macro key and the new key sequence that you wish to assign to that macro key.

NOTE: Programming more than five macros on the same macro key overwrites previous settings.

Clearing a Macro Key

1. On the remote control, press and hold **SETUP** until it blinks twice.

SETUP



2. Enter **9 9 5**. The mode LED blinks twice.

9

9

5

3. Press the macro key you want to clear once.

4. Press and hold **SETUP** until the mode LED blinks twice.

SETUP



This macro key is now clear and ready for reprogramming (see “Programming a Macro Key” on

page 18). If desired, repeat these to clear another Tune-In key.

USING THE MASTER POWER KEY

The Titan Remote Control has a unique feature that allows you to sequentially turn up to five of your home entertainment devices on or off with a single key press.

NOTE: **MASTER POWER** only works in the STB mode. In any other mode, pressing **MASTER POWER** once will turn the selected device on or off.

Programming the Master Power Key

1. Press the **STB** key.
2. Press and hold **SETUP**. The mode LED blinks twice.

SETUP



3. Enter **9 9 5**. The mode LED blinks twice.



4. Press **POWER** once.



5. Press **STB** once.

CABLE



6. Press **POWER** once.

7. Press another mode key (**AUX**, **DVD**, **AUD**, or **TV**) to add that device to the Master Power Macro.

8. Press **POWER** once.



9. Repeat steps 7 and 8 until you have added each device you wish to be part of the Master Power macro.

10. Press and hold **SETUP** until the mode LED blinks twice.

SETUP



Using the Master Power Key

1. Press **STB** once.



2. Press **POWER**. The remote sends a power command to each device that was included in the Master Power Macro.



Clearing the Master Power Key

1. On the remote control, press **STB** once.



2. Press and hold **SETUP** until the mode LED blinks twice.



3. Enter **9 9 5**. The mode LED blinks twice.



4. Press **POWER** once.







5. Press and hold **SETUP** until the mode LED blinks twice.







BACKLIGHTING

The Titan Remote Control is equipped with backlit keys to make it easy to use in dark ambient lighting. By default, Titan's backlighting is enabled to light after keys are pressed (other than the **OK** key). You can disable the backlighting by following the steps below:

Disabling Backlight

1. Press and hold **SETUP** until the mode LED blinks twice.

2. Enter **9 7 2**. The mode LED blinks four times.



3. Backlighting is now disabled.





Enabling Backlight

1. Press and hold **SETUP** until the mode LED blinks twice.

2. Enter **9 7 2**. The mode LED blinks twice.



3. Backlighting is now enabled.

CLEARING CUSTOM PROGRAMMING

If you have a problem with your remote, you may want to clear its custom programming by resetting the functions to their default setting.

IMPORTANT: Executing this program will erase all custom settings for Volume Lock, Channel Lock, macros, and Learned Keys. However, your device programming remains.

1. On the remote control, press and hold **SETUP** until the mode LED blinks twice.

2. Enter **9 8 0**. The mode LED blinks four times and all custom programming is cleared.




RE-PROGRAMMING SET-TOP BOX CONTROL

The Titan Remote Control comes pre-programmed to control the set-top box supplied by your service provider. In addition, it is locked to prevent inadvertent deletion or change of set-top box control. In the event that you need to change the STB key to control a different brand/model of set-top box, follow these steps:

1. Using the list of Manufacturer's Codes in the back of this manual, locate the brand of set-top box that you have and be prepared to enter and test codes for step 5.

2. Press **STB** once. It blinks once.



3. Press and hold **SETUP** until the STB key blinks twice



4. Enter **9 8 2**. The STB key blinks four times.



5. Press and hold **SETUP** until the STB key blinks twice.



6. Enter the first code for your brand and type of set-top box. The mode LED blinks twice.

7. Test the code by pressing the **POWER** button on the remote. If the set-top box responds, you have the correct code and are finished.



8. If the remote cannot control the set-top box, follow steps 5-8, trying each code for your brand until the remote can control the set-top box.

TROUBLESHOOTING

PROBLEM: Device mode key does not blink when you press a key.

SOLUTION: Replace the batteries with two (2) new AA batteries (see “Installing Batteries” on page 7).

PROBLEM: Device key blinks when you press a key, but home entertainment device does not respond.

SOLUTION: Make sure you are aiming the remote control at your home entertainment device and that you are within 15 feet of the device you are trying to control.

PROBLEM: The remote control does not control home entertainment devices or commands are not performing properly.

SOLUTION: Try all listed codes for the device brand being set up. Make sure all devices can be operated with an infrared remote control.

PROBLEM: **PLAY** and **STOP** keys do not work on a Motorola DCT-2000 cable converter.

SOLUTION: Re-program the CBL key for cable code 0476 (see “Basic Setup: Programming Device Control” on page 8).

PROBLEM: Tried Search Method and still could not find a working code.

SOLUTION: Try the Search Method again after clearing out the device key as follows:

- a. Press and hold **SETUP** until device key blinks twice.
- b. Enter **9 9 2**.
- c. Press and release the device key to be cleared twice.

PROBLEM: Remote control does not turn on Sony or Sharp TV/VCR Combo.

SOLUTION: For power on, these products require programming TV codes on the remote control. For Sony, use TV code 0000 and VCR code 0032. For Sharp, use TV code 0093 and VCR code 0048.

FCC NOTICE

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 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.

This equipment has been verified to comply with the limits for a class B computing device, pursuant to FCC Rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

ADDITIONAL INFORMATION

This product does not have any user-serviceable parts. Opening the case, except for the battery cover, may cause permanent damage to your Titan Remote Control.

- For help via the Internet, visit us at:
www.urcsupport.com

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M2056-C

5/08

MANUFACTURER'S CODES

Setup Codes for Audio Amplifiers

Bose	30674
Carver	30892
Durabrand	31561
GE	30078
Harman/Kardon	30892
JVC	30331
Left Coast	30892
Lenoxx	31561
Marantz	30892
McIntosh	30251
Optimus	30395, 30823
Philips	30892
Pioneer	30823
Polk Audio	30892
RCA	30823
Realistic	30395
Soundesign	30078
Victor	30331
Wards	30078
Yamaha	30354

Setup Codes for Audio Receivers

ADC	30531
Aiwa	31405, 30189, 30121, 31243, 31388, 31641
Alco	31390
AMC	31077
Amphion Media Works	31563
AMW	31563
Anam	31609, 31074
Apex Digital	31257, 31430, 31774
Arcam	31189, 31212
Audio Control	31212
Audiotronic	31189
Audiovox	31390
B & K	30820
BK	30702

Bose	30639, 31253, 31629, 31841, 31933
Cambridge Soundworks	31370
Capetronic	30531
Carver	31189, 30189, 30121, 31289
Coby	31389
Daewoo	31250
Denon	31360, 30121, 31142, 31306, 32857
Fisher	31801
Garrard	30463
Harman/Kardon	30110, 30189, 30891, 31289, 31306, 32241
Hitachi	31273, 31801
Insignia	31030, 31077, 31893, 32169, 32175
Integra	31298, 31320, 31805
JBL	30110, 31306
JVC	31058, 30074, 31374, 31495, 31871
Kenwood	31313, 30186, 31670
KLH	31390, 31428
Koss	31366
LG	31293, 32197
Linn	30189
Magnavox	31189, 31269, 30189, 30391, 30531, 31514
Marantz	31189, 31269, 30189, 31289
McIntosh	31289
Micromega	31189
Mitsubishi	31393
Myryad	31189
NAD	30320
Nakamichi	31313
Norcent	31389
Nova	31389
Onkyo	30842, 31298, 31320, 31531, 31805, 31905
Optimus	31023, 30186, 30531, 30670, 31074
Oritron	31366

Panasonic	31308, 31518, 30367, 31288, 31316, 31548, 31633, 31763
Philips	31189, 31269, 30189, 30391, 31266
Pioneer	31023, 30014, 30150, 30244, 30531, 30630, 31123, 31384
Polaroid	31508
Polk Audio	30189, 31289
Proscan	31254
RCA	31023, 31609, 31254, 30531, 31074, 31123, 31390, 31511
Rio	31869
Rotel	30793
Samsung	31295
Sansui	31189, 30189
Sanyo	31251, 31469, 31801
Sharp	30186, 31286
Sharper Image	31556
Sherwood	30491, 30502, 31077, 31423, 31653, 31905, 32169
Sherwood Newcastle	32169
Sonic Blue	31869
Sony	31759, 31058, 31258, 30793, 31558, 31658, 31758, 31822, 31858
Soundesign	30670
Stereophonics	31023
Sunfire	31313
Teac	30463, 31074, 31390, 31528
Technics	31308, 31518, 31633
Thorens	31189
Toshiba	31123, 31788
Venturer	31390
Victor	30074
Wards	30189, 30014
Yamaha	30176, 30186, 30376, 31176, 31276, 31331, 31375, 31376, 31476, 31815, 32061
Zenith	30857, 31293

Setup Codes for Audio Accessories

Accurian	31106
Altec Lansing	30607, 31056
Apple	31115
DLO	31155
GPX	32113
Griffin	31891
iDeck	31106
iHome	32152
iLive	32113
Monitor Audio	31106

Setup Codes for Cable Boxes/Converters

ABC	00003, 00008
ADB	02586
Amino	01602, 01822
Cisco	01877, 00877
Comcast	01982
Digeo	01187
Director	00476
General Instrument	00476, 00810, 00276, 00003
GoldStar	00144
i3 Micro	01602
Jerrold	00476, 00810, 00276, 00003
Memorex	00000
Motorola	01376, 00476, 00810, 00276, 01187, 01106
Myrio	01602, 01822
Pace	01877, 00237, 00008
Panasonic	00000, 00107, 01982
Paragon	00000
Philips	01305, 00317
Pioneer	01877, 00877, 00144, 00533
Pulsar	00000
Quasar	00000
Runco	00000
Samsung	00144
Scientific Atlanta	01877, 00877, 00477, 00008
Sejin	01602
Sony	01006
Starcom	00003

Supercable	00276
Torx	00003
Toshiba	00000
Zenith	00000, 00525

Setup Codes for Cable/DVR/PVR Combos

Amino	01822
Cisco	01877
Comcast	01982
Digeo	01187
General Instrument	00810
Jerrold	00810
Motorola	01376, 00810, 01187, 01106
Myrio	01822
Pace	01877, 00237
Panasonic	01982
Pioneer	01877
Scientific Atlanta	01877
Sony	01006
Supercable	00276

Setup Codes for DVD Players

Accurian	20675
Advent	21016
Aiwa	20641
Akai	20695, 20899, 21089
Alco	20790
Allegro	20869
Amphion Media Works	20872
AMW	20872
Apex Digital	20672, 20794, 20796, 20797, 20830, 21004, 21056, 21061
Arrgo	21023
Aspire Digital	21168, 21407
Astar	21489, 21678
Audiovox	20790, 21121
B & K	20662
BBK	21224
Blue Parade	20571

Bose	22023
Broksonic	20695, 20868
California Audio Labs	20490
Cinea	20831
CineVision	20876, 20833, 20869
Citizen	20695, 21277
Coby	20778, 20852, 21086, 21107, 21177, 21351
Craig	20831
CyberHome	20816, 20874, 21023, 21024, 21129, 21502, 21537
D-Vision	21173
Daewoo	20784, 20705, 20833, 20869, 21169, 21172, 21234, 21242, 21443
Daytek	20872
Denon	20490, 20634
Desay	21407
DigitalMax	21738
Disney	20675, 21270
Durabrand	21127
DVD2000	20521
Emerson	20591, 20675, 20821, 21268
Enterprise	20591
ESA	20821, 21268, 21443
Fisher	20670
Funai	20675, 21268
Gateway	21158
GE	20522, 20815
Go Video	20744, 20715, 20741, 20783, 20833, 20869, 21075, 21099, 21144, 21148, 21158, 21304, 21443, 21730
GoldStar	20741
GPX	20769
Gradiente	20490
Grundig	20539
Harman/Kardon	20582, 20702
Hello Kitty	20831
Hitachi	20573, 20664, 21247
Hiteker	20672
Humax	21588

iLo	21348, 21472
Initial	21472
Insignia	21268
Integra	20571, 20627, 21769
JBL	20702
Jensen	21016
JSI	21423
JVC	20558, 20623, 20867, 21164, 21275, 21550, 21602
jWin	21049
Kawasaki	20790
Kenwood	20490, 20534
KLH	20790, 21149
Koss	21423
Lasonic	21173
Lecson	21533
Lenoxx	21127
LG	20591, 20741, 20869
LiteOn	21058, 21158, 21440, 21656, 21738
Loewe	20511
Magnavox	20503, 20539, 20646, 20675, 20821, 21268, 21354, 21472, 21506
Marantz	20539
McIntosh	21533, 21273
Memorex	20695, 20831, 21270
Microsoft	20522, 22083
Mintek	21472
Mitsubishi	21521, 20521
NAD	20741
NEC	20785
NexxTech	21402
Norcent	21003, 20872, 21107, 21265
Onkyo	20503, 20627, 21769
Oppo	20575, 21224
Panasonic	20503, 20490, 20632, 20703, 21362, 21462, 21490, 21641, 21762
Philco	20675

Philips	20503, 20539, 22056, 20646, 20675, 20854, 21260, 21267, 21340, 21354, 22084
PianoDisc	21024
Pioneer	20525, 20571, 20142, 20631, 20632, 21460
Polaroid	21061, 21086
Polk Audio	20539
Presidian	20675, 21738
Prima	21016
Proceed	20672
Proscan	20522
ProVision	20778
RCA	20522, 20571, 20790, 20822, 21022, 21132, 21193, 21769
Rio	20869
RJTech	21360
Rotel	20623, 21178
Sampo	20698, 20752
Samsung	20490, 20573, 20744, 20199, 20899, 21075
Sansui	20695
Sanyo	20670, 20695, 20873
Sensory Science	21158
Sharp	20630, 20675, 20752, 21256, 22250
Sherwood	20633, 21043, 21889
Shinsonic	20533
Sonic Blue	20869, 21099
Sony	20533, 21533, 20864, 21033, 21070, 21431, 21516, 22043
Sungale	21074
Superscan	20821
SVA	20860, 21105
Sylvania	20675, 20821, 21268
Symphonic	20675, 20821, 21268
Teac	20790
Technics	20490, 20703
Theta Digital	20571
Tivo	21503, 21588
Toshiba	20503, 20695, 21045, 21154, 21503, 21588, 21769

Tredex	20803, 20804
Urban Concepts	20503
Venturer	20790
Vizio	21064, 21226
Vocopro	21360
Xbox	20522, 22083
Yamaha	20490, 20539, 20545
Yamakawa	20872
Zenith	20503, 20591, 20741, 20869
Zoece	21265

Setup Codes for DVR/PVR

ABS	21972
Alienware	21972
CyberPower	21972
Dell	21972
DirecTV	20739
Gateway	21972
Go Video	20614
Hewlett Packard	21972
Howard Computers	21972
HP	21972
Hughes Network Systems	20739
Humax	20739
Hush	21972
iBUYPOWER	21972
Linksys	21972
Media Center PC	21972
Microsoft	21972
Mind	21972
Niveus Media	21972
Northgate	21972
Panasonic	20614, 20616
Philips	20739, 20618
Pioneer	21337
RCA	20880
ReplayTV	20614, 20616
Samsung	20739
Sonic Blue	20614, 20616
Sony	20636, 21972

Stack 9	21972
Systemax	21972
Tagar Systems	21972
Tivo	20739, 20618, 20636, 21337
Toshiba	21008, 21972, 21996
Touch	21972
Viewsonic	21972
Voodoo	21972
ZT Group	21972

Setup Codes for Satellite Set-Top Boxes

Bell ExpressVu	00775
Chaparral	00216
DirecTV	01377, 00566, 00639, 01639, 01142, 00247, 00749, 01749, 01856, 01076, 01442, 01640
Dish Network System	00775, 01505, 01775
Dishpro	00775, 01505, 01775
Echostar	00775, 01505, 01775
Expressvu	00775, 01775
GE	00566
General Instrument	00869
GOI	00775, 01775
Hitachi	01250
HTS	00775, 01775
Hughes Network Systems	01142, 00749, 01749, 01442
Jerrold	00869
JVC	00775, 01775
Mitsubishi	00749
Motorola	00869
Next Level	00869
Panasonic	00247, 00701
Philips	01142, 00749, 01749, 01076, 01442
Proscan	00566
RadioShack	00869
RCA	00566
Samsung	01377, 01142, 01276, 01442
Sony	00639, 01639, 01640
Star Choice	00869

Tivo	01142, 01442
Toshiba	00749, 01749
UltimateTV	01640
Voom	00869
Zenith	01856

Setup Codes for TVs

3M	11616
Accurian	11803
Action	10873
Admiral	10093, 10463
Advent	10761, 10783, 10815, 10817, 10842, 11933
Aiko	10092
Akai	10812, 11675, 10060, 10702, 10030, 10672, 11207, 11676, 11903, 11935
Alaron	10179
Albatron	10700, 10843
Ambassador	10177
America Action	10180
Anam	10180
AOC	10030, 10185, 11365, 11590
Aomni	11623
Apex Digital	10156, 10748, 10879, 10765, 10767, 10890, 11217, 11943, 11991
Astar	11531, 11738
Audiovox	10451, 10180, 10092, 10623, 10802, 10846, 10875, 11937, 11951, 11952
Aventura	10171
Axion	11937
Bell & Howell	10154
BenQ	11032, 11212, 11315
Boxlight	10893
Bradford	10180
Broksonic	10236, 10463, 10180, 11911, 11929, 11935, 11938
Byd:sign	11309
Candle	10030, 10056
Carnivale	10030

Carver	10054
Celebrity	10000
Celera	10765
Changhong	10765
Citizen	10060, 10030, 10092, 10056, 11935
Clairtone	10185
Clarion	10180
Commercial Solutions	11447, 10047
Concerto	10056
Contec	10180, 10185
Craig	10180
Crosley	10054
Crown	10180
Curtis Mathes	10047, 10054, 10154, 10451, 10093, 10060, 10702, 10030, 10145, 10166, 10056, 10466, 11147, 11347
CXC	10180
Cytron	11326
Daewoo	10451, 10092, 11661, 10623, 10661, 10672
Dell	11264, 11080, 11403, 11863
Denon	10145
Denstar	10628
Diamond Vision	11996, 11997
Digital Lifestyles	11765
Digital Projection Inc.	11482
Dumont	10017
Durabrand	10463, 10180, 10178, 10171, 11034
Dwin	10093
Dynex	11463, 11785, 11810
Electroband	10000, 10185
Electrograph	11755, 11623
Electrohome	10463
Emerson	10154, 10451, 10236, 10463, 10180, 10178, 10171, 11963, 11944, 11929, 11911, 11394, 10623, 10282, 10185, 10179, 10177

Emprex	11422, 11546, 11765
Envision	10030, 10813, 11365
Epson	10833, 10840, 11122, 11290, 11735
ESA	10812, 10171, 11944, 11963
Fisher	10154
Fujitsu	10809, 10179, 10683, 10853
Funai	10180, 10171, 10179, 11271, 11904, 11963
Futuretech	10180
Gateway	11755, 11756
GE	11447, 10047, 10051, 10451, 10178, 10021, 10282, 11347, 11917, 11922
Gibraltar	10017, 10030
Go Video	10886
GoldStar	10178, 10030, 11926
Grundig	10683
Grunpy	10180, 10179
H & B	11366
Haier	11034, 10768, 11748
Hallmark	10178
Hannspree	11348, 11745
Harley Davidson	10179, 11904
Harman/Kardon	10054
Harvard	10180
Havermy	10093
Helios	10865
Hello Kitty	10451
Hewlett Packard	11642, 11494, 11089, 11101, 11502
Hisense	10748
Hitachi	11643, 11145, 10145, 10056, 10797, 11345, 11904, 11960
HP	11642, 11494, 11089, 11101, 11502
Hyundai	11219, 11294
iLo	11286, 11603, 11684, 11990
Infinity	10054
InFocus	10752, 11430
Initial	11603, 11990

Insignia	11564, 10171, 11204, 11326, 11517, 11641, 11710, 11963, 12002
Inteq	10017
IX	10877
JBL	10054
JCB	10000
Jensen	10761, 10815, 10817, 11299, 11933
JVC	10053, 10650, 10731, 11253, 11302, 11633, 11774, 11923
KDS	11498
KEC	10180
Kenwood	10030
KLH	10765, 10767, 11962
Konka	10628, 10707, 11939, 11940
Kost	11483
Kreisen	10876
KTV	10180, 10030, 10185
LG	11423, 10178, 10700, 10829, 10856, 11325, 11663, 11993
Lloyd's	11904
Luxman	10056
LXI	10047, 10054, 10154, 10156, 10178
MAG	11498
Magnavox	11454, 11866, 10054, 10030, 10706, 11990, 11963, 11944, 11931, 11904, 11525, 11365, 11254, 11198, 10802, 10386, 10179
Marantz	11454, 10054, 10030, 10704, 10854, 10855, 11154, 11398
Matsushita	10250, 10650
Maxent	11755, 10762, 11211, 11714, 11757
Megapower	10700
Megatron	10178, 10145
MEI	10185

Memorex	10154, 10463, 10150, 10178, 10179, 10877, 11911, 11926
MGA	10150, 10178, 10030
Micro	11436
Midland	10047, 10017, 10051
Mintek	11603, 11990
Minutz	10021
Mitsubishi	11250, 10093, 10150, 10178, 10836, 10868, 11522, 11917
Monivision	10700, 10843
Motorola	10093, 10835
Moxell	10835
MTC	10060, 10030, 10056, 10185
Multitech	10180
NAD	10156, 10178, 10056, 10866, 11156
NEC	10030, 10056, 10497, 10882, 11398, 11704
NetTV	11755, 10762
Nikko	10178, 10030, 10092
Niko	11581, 11618
Norcent	10748, 10824, 11089, 11365, 11590, 11591
Norwood Micro	11286, 11296, 11303
NTC	10092
Olevia	11610, 11144, 11240, 11331
Olympus	11342
Onwa	10180
Optimus	10250, 10154, 10166, 10650
Optoma	10887, 11348, 11674
Optonica	10093, 10165
Orion	10236, 10463, 11463, 10179, 11911, 11929
Panasonic	10250, 11480, 10051, 10650, 11291, 11310, 11410, 11941, 11946, 11947
Penney	10047, 10156, 10051, 10060, 10178, 10030, 10021, 11347, 11926
Petters	11523
Philco	10054, 10030

Philips	11454, 10054, 10690, 11154, 11483, 11744, 11961
Pilot	10030
Pioneer	11457, 10166, 10679, 10866, 11260, 11398, 11717
Planar	11496
Polaroid	11523, 10765, 10865, 11276, 11314, 11316, 11326, 11341, 11498, 11766, 11962, 11991, 11992, 12002
Portland	10092
Prima	10761, 10783, 10815, 10817, 11785, 11933
Princeton	10700, 10717
Prism	10051
Proscan	11447, 10047, 10466, 11347, 11922
Proton	10178, 10466
Protron	11320
Proview	10835, 11401, 11498
Pulsar	10017
Puneet	11546
Quasar	10250, 10051, 10165, 10650
RadioShack	10047, 10154, 10180, 10178, 10030, 10056, 10165, 11904
RCA	11547, 11447, 10047, 10090, 10679, 11047, 11147, 11247, 11347, 11781, 11917, 11922, 11948, 11953, 11958, 12002
Realistic	10154, 10180, 10178, 10030, 10056, 10165
RevolutionHD	11623
Rhapsody	10185
Runco	10017, 10030, 10497, 10603, 11292, 11397, 11398, 11628, 11629, 11639, 11679, 11717
Sampo	11755, 10030, 10762
Samsung	10812, 10060, 10702, 10178, 10030, 10056, 10766, 10814, 11060, 11312, 11575, 11903, 11959

Sansui	10463, 11409, 11904, 11911, 11929, 11935
Sanyo	10154, 10088, 10799, 10893, 11142
Sceptre	10878, 11217, 11360, 11599
Scotch	10178
Scott	10236, 10180, 10178, 10179, 11711
Sears	10047, 10054, 10154, 10156, 10178, 10171, 10056, 10179, 11904, 11926
Sharp	10818, 10093, 10165, 10386, 10491, 10688, 10851, 11602, 11917
Sheng Chia	10093
Sherwood	11399
Sole	10813, 11366, 11483, 11623
Sony	11100, 10000, 10834, 11317, 11685, 11904, 11925
Soundesign	10180, 10178, 10179
Sova	11320, 11952
Soyo	11520, 11546, 11826
Spectroniq	11498
Squareview	10171
SSS	10180
Starlite	10180
Studio Experience	10843
Superscan	10093, 10864
Supreme	10000
SVA	10748, 10768, 10865, 10870, 10872
Sylvania	11864, 10054, 10030, 10171, 11271, 11314, 11394, 11931, 11944, 11963
Symphonic	10180, 10171, 11904, 11944
Syntax	11610, 11144, 11240, 11331
Tandy	10093
Tatung	11101, 11285, 11286, 11361, 11756
Technics	10250, 10051
Technol Ace	10179
Techview	12004
Techwood	10051, 10056

Teco	11040
Teknika	10054, 10180, 10150, 10060, 10092, 10056, 10179
Telefunken	10702, 10056
Thomas	11904
TMK	10178, 10056, 10177
TNCi	10017
Toshiba	11524, 10154, 10156, 11256, 10060, 12006, 11945, 11936, 11935, 11918, 11704, 11656, 11635, 11356, 11325, 11306, 11156, 10845, 10832, 10822, 10650
Tosonic	10185
TruTech	11723
TVS	10463
US Logic	11286, 11303
Vector Research	10030
Victor	10053
Vidikron	10054, 11292, 11302, 11397, 11398, 11628, 11629, 11633
Vidtech	10178
Viewsonic	11755, 10797, 10857, 10864, 10885, 11330, 11342, 11542, 11578, 11627, 11640, 12014
Viore	11207, 11684
Vizio	11758, 10864, 10885, 11499, 11756
Wards	10054, 10178, 10030, 10021, 10056, 10165, 10179, 10866, 11156
Waycon	10156
Westinghouse	10000, 11712, 10451, 10885, 10889, 10890, 11092, 11282, 11577
White Westinghouse	10463, 10623
Wyse	11365
Yamaha	10030, 10769, 10797, 10833, 10839, 11526
Zenith	10017, 10463, 10178, 11145, 10092, 11904, 11911, 11929

Setup Codes for TVs (LCD)

Accurian	11803
Action	10873
Akai	11675, 11676, 11935
AOC	11365
Aomni	11623
Apex Digital	10890, 11217
Astar	11531, 11738
Audiovox	10180, 10802, 10846, 10875, 11937, 11951, 11952
BenQ	11315
Byd:sign	11309
Citizen	11935
Dell	11264, 11080, 11863
Digital Lifestyles	11765
Emerson	11394, 11963
Emprex	11422, 11546, 11765
Envision	10813, 11365
Funai	10171
Go Video	10886
H & B	11366
Haier	11748
Hannspree	11348, 11745
Hewlett Packard	11642
Hitachi	11643
HP	11642
Hyundai	11219, 11294
iLo	11286, 11603, 11684, 11990
Initial	11603, 11990
Insignia	11564, 11204, 11517, 11710, 12002
IX	10877
Jensen	11299
JVC	11774
Kreisen	10876
LG	11423, 10856, 11993
Magnavox	11866, 10802, 11198, 11365, 11990
Marantz	10855
Maxent	11755, 10762, 11211, 11714, 11757

Micro	11436
Mintek	11603, 11990
Mitsubishi	11250
NetTV	10762
Niko	11581, 11618
Norcent	11365, 11591
Norwood Micro	11286, 11296
Olevia	11610, 11144, 11240, 11331
Panasonic	11480, 10650, 11941
Petters	11523
Philips	11454, 11483, 11744
Pioneer	11260
Planar	11496
Polaroid	11523, 11276, 11316, 11341, 11498, 11766
Prima	11785
Protron	11320
Proview	11401
Puneet	11546
RCA	10047, 11781, 11958
RevolutionHD	11623
Runco	11629
Sampo	11755, 10762
Samsung	10812, 10766, 10814, 11575
Sansui	11409
Sanyo	11142
Sceptre	10878, 11217, 11360, 11599
Scott	11711
Sharp	10818, 10093, 11602
Sherwood	11399
Sole	11366, 11483, 11623
Sony	11685
Sova	11320
Soyo	11520, 11546, 11826
Superscan	10864
SVA	10870
Sylvania	11864, 10171, 11271, 11314, 11394
Symphonic	10171
Syntax	11610, 11144, 11240, 11331
Tatung	11286

Techview	12004
Teco	11040
Toshiba	11524, 10822, 10845, 11635, 11656, 12006
TruTech	11723
US Logic	11286
Vidikron	11398, 11629
Viewsonic	10857, 10864, 10885, 11330, 11578, 11627, 11640, 12014
Viore	11684
Vizio	11758, 10864, 10885, 11756
Westinghouse	11712, 10885, 10889, 10890, 11282, 11577
Wyse	11365

Setup Codes for TVs (Plasma)

Akai	10812, 11675, 11207
Albatron	10843
AOC	11590
Aomni	11623
BenQ	11032
Daewoo	10661
Dell	11264, 11863
Electrograph	11755, 11623
ESA	10812
Fujitsu	10809, 10683, 10853
Funai	11271
Gateway	11755, 11756
H & B	11366
Haier	11748
Helios	10865
Hewlett Packard	11642, 11089, 11502
Hitachi	11643, 10797
HP	11642, 11089, 11502
iLo	11684
Insignia	11564
JVC	10731
LG	11423, 10178, 10829, 10856
Magnavox	11866
Marantz	10704, 11398

Maxent	11755, 11757
Mitsubishi	10836
Monivision	10843
Motorola	10835
Moxell	10835
NEC	11398, 11704
NetTV	11755
Norcent	10824, 11089, 11590
Norwood Micro	11303
Panasonic	10250, 11480, 10650
Philips	10690, 11744
Pioneer	11457, 10679, 11260, 11398, 11717
Polaroid	10865, 11276
Prima	11785
Proview	10835
Puneet	11546
RevolutionHD	11623
Runco	11398, 11679, 11717
Sampo	11755
Samsung	10812, 11312
Sole	11623
Sony	10000, 11317
Studio Experience	10843
SVA	10865
Sylvania	11271, 11394
Tatung	11101, 11285, 11756
Toshiba	10650, 11704
US Logic	11303
Viewsonic	11755, 10797
Viore	11207, 11684
Vizio	11758, 11756
Yamaha	10797
Zenith	10178

Setup Codes for TV/DVD Combos

Controlled by the TV

Accurian	11803
Advent	11933
Akai	11675, 11935

Apex Digital	11943, 11991
Audiovox	11937, 11951, 11952
Axion	11937
Broksonic	11935
Citizen	11935
Diamond Vision	11997
Dynex	11810
Emerson	11394, 11963
ESA	11963
Funai	11963
Hitachi	11960
iLo	11990
Initial	11990
Insignia	11963, 12002
Jensen	11933
KLH	11962
Konka	11939, 11940
LG	11993
Magnavox	11866, 11963, 11990
Maxent	11714
Mintek	11990
Panasonic	11941
Philips	11961
Polaroid	11523, 11766, 11962, 11991, 12002
Prima	11933
RCA	11948, 11958, 12002
Samsung	11903
Sansui	11935
Sova	11952
Sylvania	11864, 11394, 11963
Techview	12004
Toshiba	11524, 11635, 11935, 12006

Controlled by the DVD

Advent	21016
Akai	20695
Apex Digital	20830
Audiovox	21121
Broksonic	20695
Citizen	20695

Emerson	20675, 21268
ESA	21268
Funai	21268
Hitachi	21247
iLo	21472
Initial	21472
Insignia	21268
Jensen	21016
Magnavox	21268, 21472
Mintek	21472
Panasonic	21490
Philips	20854, 21260
Prima	21016
RCA	21022, 21193
Samsung	20899
Sansui	20695
Sylvania	20675, 21268
Toshiba	20695

Setup Codes for TV/VCR Combos

Controlled by the TV

America Action	10180
Audiovox	10180
Broksonic	11911, 11929
Emerson	10236, 11911, 11929
Funai	11904
GE	11917, 11922
GoldStar	11926
Harley Davidson	11904
Hitachi	11904
JVC	11923
Lloyd's	11904
Magnavox	11904, 11931
Memorex	11926
Mitsubishi	11917
Orion	11911, 11929
Penney	11926
RadioShack	11904
RCA	11917, 11922
Samsung	11959

Sansui	11904, 11911, 11929
Sears	11904, 11926
Sony	11904, 11925
Sylvania	11931
Symphonic	11904
Thomas	11904
Toshiba	11918, 11936
Zenith	11904, 11911, 11929

Setup Codes for TV/VCR Combos

Controlled by the VCR

Broksonic	21479
Citizen	21278
Curtis Mathes	21035
Daewoo	21278
Emerson	20593, 21278, 21479
Funai	20000
GE	20807, 21035, 21060
GoldStar	21237
Harley Davidson	20000
Hitachi	20000
Lloyd's	20000
Magnasonic	20593, 21278
Magnavox	20000, 20593, 21781
Memorex	21237
Mitsubishi	20807
Optimus	20593
Orion	21479
Panasonic	21035
Penney	21035, 21237
Quasar	21035
RadioShack	20000
RCA	20807, 21035, 21060
Samsung	21014
Sansui	20000, 21479
Sears	20000, 21237
Sony	20000, 21232
Sylvania	21781
Symphonic	20000, 20593
Thomas	20000

Toshiba	20845, 21145
Zenith	20000, 21479

Setup Codes for VCRs

ABS	21972
Accurian	20000
Adventura	20000
Aiwa	20037, 20000, 20124
Alienware	21972
American High	20035
Audiovox	20037
Broksonic	20184, 21479
Calix	20037
Canon	20035
Carver	20081
Citizen	20037, 21278
Craig	20037
Curtis Mathes	20060, 20035, 21035
CyberPower	21972
Daewoo	20045, 21278
Dell	21972
DirecTV	20739
Dynatech	20000
Electrohome	20037, 20043
Electroponic	20037
Emerex	20032
Emerson	20037, 20184, 20000, 20043, 20593, 21278, 21479, 21593
Fuji	20035, 20033
Funai	20000, 20593, 21593
Garrard	20000
Gateway	21972
GE	20060, 20035, 20807, 21035, 21060
Go Video	20614
GoldStar	20037, 21237
Gradiente	20000
Harley Davidson	20000
Harman/Kardon	20081
Hewlett Packard	21972

Hitachi	20000, 20089
Howard Computers	21972
HP	21972
Hughes Network Systems	20739
Humax	20739
Hush	21972
iBUYPOWER	21972
Instant Replay	20035
JVC	20067
KEC	20037
Kenwood	20067
Kodak	20035, 20037
Linksys	21972
Lloyd's	20000
LXI	20037
Magnasonic	20593, 21278
Magnavox	20035, 20081, 20000, 20593, 21593, 21781
Marantz	20035, 20081
Marta	20037
Matsushita	20035
Media Center PC	21972
MEI	20035
Memorex	20035, 20037, 20000, 21237
MGA	20043
Microsoft	21972
Mind	21972
Mitsubishi	20067, 20043, 20807
Motorola	20035
MTC	20000
Multitech	20000
NEC	20067
Nikko	20037
Niveus Media	21972
Northgate	21972
Olympus	20035
Optimus	20037, 20593
Orion	20184, 21479
Panasonic	20035, 20225, 20614, 20616, 21035
Penney	20035, 20037, 21035, 21237

Philco	20035
Philips	20739, 20035, 20081, 20618
Pilot	20037
Pioneer	20067, 21337
Polk Audio	20081
Presidian	21593
Proscan	20060, 21060
Quasar	20035, 21035
RadioShack	20000
Radix	20037
Randex	20037
RCA	20060, 20807, 20880, 21035, 21060
Realistic	20035, 20037, 20000
ReplayTV	20614, 20616
Ricavision	21972
Samsung	20739, 20045, 21014
Sansui	20000, 20067, 21479
Scott	20184, 20045, 20043
Sears	20035, 20037, 20000, 21237
Sharp	20807
Sonic Blue	20614, 20616
Sony	20035, 20032, 20033, 20000, 20636, 21232, 21972
Stack 9	21972
Sylvania	20035, 20081, 20000, 20043, 20593, 21593, 21781
Symphonic	20000, 20593, 21593
Systemax	21972
Tagar Systems	21972
Tashiko	20037
Teac	20000
Technics	20035
Teknika	20035, 20037, 20000
Thomas	20000
Tivo	20739, 20618, 20636, 21337, 21996
Toshiba	20045, 20043, 20845, 21008, 21145, 21972, 21996
Totevision	20037
Touch	21972

Vector	20045
Video Concepts	20045
Videomagic	20037
Viewsonic	21972
Villain	20000
Voodoo	21972
Wards	20060, 20035, 20081, 20000
XR-1000	20035, 20000
Zenith	20033, 20000, 21479
ZT Group	21972

Setup Codes for Video Accessories

ABS	01272
Alienware	01272
Amino	01481, 02482
AT&T	00858
Buffalo	01739
CyberPower	01272
D-Link	01554
Gateway	01272
Hewlett Packard	01272, 01267
Howard Computers	01272
HP	01272
Hush	01272
iBUYPOWER	01272
KoolConnect	01481
Linksys	01272, 01365
Media Center PC	01272
Microsoft	02049, 01272
Mind	01272
Motorola	01998, 00858
Niveus Media	01272
Northgate	01272
Ricavision	01272
Roku	01486
Scientific Atlanta	00858
SMC	01456
Sony	01272, 01324, 01364
Stack 9	01272
SureWest	01481

Systemax	01272
Tagar Systems	01272
Toshiba	01272
Touch	01272
Viewsonic	01272
Voodoo	01272
Xbox	02049
ZT Group	01272

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