

VIZIO Universal Remote Control User Guide

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Chapter 1 - Introduction

Congratulations on your recent VIZIO Universal Remote Control purchase. The VIZIO Universal Remote Control is the complete solution for all of your remote control requirements. It is designed to operate up to 8 different devices with the emphasis on features and functions of your dedicated components.

The VIZIO Universal Remote Control is also customizable so that you can configure key buttons to control specific home theater components. It is also packed with these features for you to choose from:

- Preprogrammed technology for easy setup
- Inclusive Audio library
- Upgradeability
- Choice of dedicated device(s)
- Custom silk screening
- Backlighting
- Learning capability
- Custom color system and key definitions

On the following pages, you will receive a basic overview on how to set up and operate the VIZIO Universal Remote Control.

Chapter 2 - Remote Control Button Description

The VIZIO Universal Remote Control is a comprehensive remote that can be used to control up to eight different components. For ease of use with minimal room lighting, the VIZIO Universal Remote Control has a back light that illuminates all of the buttons when any button is pressed. The light will automatically go off a few seconds after the last button is pressed. The remote control button functions are explained on the following pages.

2.1 - Key Remote Control Functions

1. **SETUP** – This button starts all programming sequences.
2. **Remote LED** – Blinks when the remote is being programmed or is sending a signal to your plasma display.
3. **POWER** – Press this key to turn the plasma display on from standby mode. Press it again to return to the standby mode.



4. **TV** – This button selects a programmed TV.
5. **DVD** – This button selects a programmed DVD player.
6. **VCR** – This button selects a programmed VCR.
7. **TV2** – This button selects a second programmed TV.
8. **CBL/SAT** – This button selects a programmed cable TV set-top box or selects a programmed satellite TV set-top box.
9. **AMP** – This button selects a programmed amplifier.
10. **CD** – This button selects a programmed CD player.
11. **AUX** – This button selects a programmed component.



12. **Number Button Pad** – These buttons select a channel or password.
13. **MUTE** – This button turns the sound on and off.
14. **100/Enter** – This button enters a channel number greater than 100 in TV mode. This button works as an ENTER button in other video modes.



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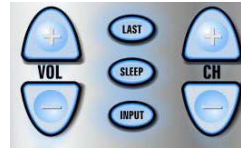
15. **VOL** – These buttons turn volume up or down.

16. **LAST** – This button recalls the previously viewed channel.

17. **SLEEP** – This button turns on the sleep timer for other V, Inc. devices. NOTE: This button is NOT active for the VIZIO P46 model.

18. **INPUT** – This button changes the input source.

19. **CH** – These buttons change the channels up or down.



20. **WIDE/GUIDE** – This button cycles through standard and widescreen viewing modes or accesses programming guides, such as the one that comes with a satellite dish. GUIDE does not work in TV mode.

21. **EXIT** – This button exits the component, guide or on-screen display (OSD) menus.

▶◀◻▶ – These buttons navigate the OSD menus.

22. **OK** – This button works as the "programmed device" button.

23. **INFO** – This button turns the image and system information display on or off.

24. **MENU** – This button is used to select the OSD menu pages.



25. **Reverse** – This button rewinds the CD, DVD or VCR when the component is activated with the remote control.

26. **Play** – This button plays the CD, DVD or VCR when the component is activated with the remote control.

27. **Forward** – This button forwards the CD, DVD or VCR when the component is activated with the remote control.

28. **Record** – This button records the CD, DVD or VCR when the component is activated with the remote control.

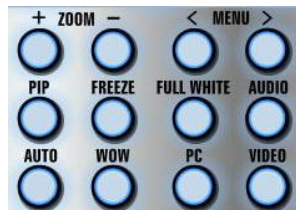
29. **Stop** – This button stops the CD, DVD or VCR when the component is activated with the remote control.

30. **Pause** – This button pauses the CD, DVD or VCR when the component is activated with the remote control.



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31. **+ ZOOM -** – Use these keys to zoom the image in or out.
32. **◀ MENU ▶** – These buttons are used to select the OSD menu pages.
33. **PIP** – Use this key to activate and adjust the size of the picture-in-picture.
34. **FREEZE** – Press this key to "Freeze-Frame" the current screen. You may press this key again to continue playing or play will resume automatically after one minute.
35. **FULL WHITE** – This button displays a full white screen. This can be used to reduce image sticking after displaying a static picture for an extended period.
36. **AUDIO (MTS)** – Press this key to select Stereo, SAP (separate audio program) or Mono audio. This function is available in the TV mode.
37. **AUTO** – This button adjusts the vertical and horizontal position automatically when pressing this key in the PC mode.
38. **WOW** – Press this key to turn the SRS Surround Sound feature on or off.
39. **PC** – This button switches between the components connected to the back RGB, front RGB or DVI connector as the input source.
40. **VIDEO** – Press this key to switch the video input.



Note: The Remote Control layout is for reference only.

2.2 - Insertion of Batteries in the Remote Control

Insert two AA batteries into the remote control. Make sure that you match the (+) and (-) symbols on the batteries with the (+) and (-) symbols inside the battery compartment. Re-attach the battery cover.

Precautionary Tips for Inserting the Batteries:

- Only use the specified AA batteries.
- Do not mix new and old batteries. This may result in cracking or leakage that may pose a fire risk or lead to personal injury.
- Inserting the batteries incorrectly may result in cracking or leakage that may pose a fire risk or lead to personal injury.
- Dispose of the batteries in accordance with local laws and regulations.
- Keep the batteries away from children and pets.

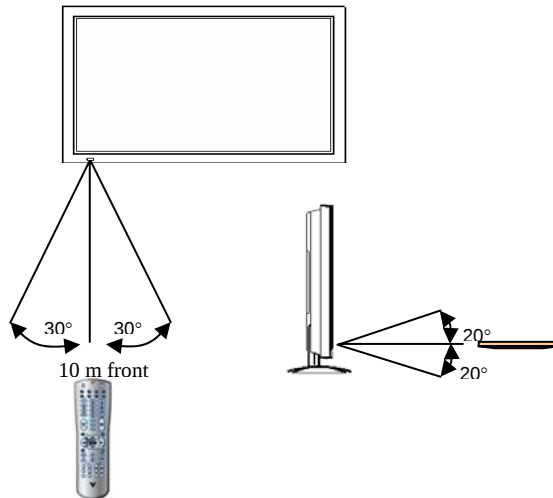


2.3 - Remote Control Range

- Point the remote control at the remote control sensor (the window through which the power LED is illuminating) to transmit the commands.
- Do not place any obstacles between the remote control and the receiver window.
- The effective range of the remote control is approximately 32 feet (10 meters) from the front of the receiver window, 30° to the left and right, 20° up and down.

Precautionary Tips for the VIZIO Universal Remote Control:

- The remote control should be kept dry and away from heat sources. Avoid humidity.
- If the display responds erratically to the remote control or does not respond at all, check the batteries. If the batteries are low or exhausted, replace them with fresh batteries.
- When not using the remote control for a long period of time, remove the batteries.
- Do not take apart the batteries, heat them, or throw them into a fire.
- Do not subject the remote control to undue physical stress, such as striking or dropping it.
- Do not attempt to clean the remote control with a volatile solvent. Wipe it with a clean, damp cloth.



Chapter 3 - Remote Control Operation

3.1 - Programming the VIZIO Universal Remote Control

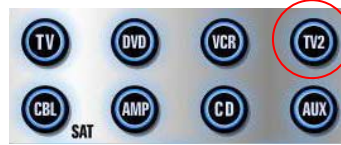
You can program the remote control to work with up to eight different components. Listed below are the steps for programming select components: TV, VCR, Cable Box and DVD Player.

3.1.1 - Programming for TV

For your convenience, the primary TV button has been preprogrammed with all the existing VIZIO TV products.

If you are using a TV from another manufacturer, you will need to follow the instructions below to program the **TV2** button to control the device.

1. Manually turn on the TV.
2. Press the TV2 button on the remote control.
3. Press and hold the SETUP button until the LED LIGHT flashes twice.
4. Find the programming code for your TV in the code list in the back of this book and enter it using the number buttons. If the code is accepted, the LED flashes twice after the last digit is entered.



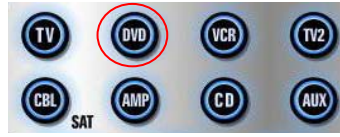
If the LED does not flash twice, repeat Steps 2 through 4 with the next code listed for the component and manufacturer.

5. Point the remote control at the TV and press the POWER button. The TV will turn off.

Note: If your TV does not respond, try all the codes for your brand. If the codes do not work, or your brand is not listed, see "Searching for Component Codes", page 11. Sometimes a code listed will only include limited functions. Try other codes that may include more functionality.

3.1.2.1 - Programming for DVD Player

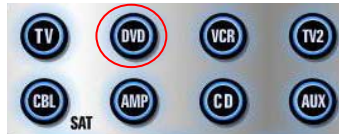
1. Manually turn on the DVD player.
2. Press the DVD button on the remote control.
3. Press and hold the SETUP button until the LED LIGHT flashes twice.
4. Find the programming code for your DVD player in the code list in the back of this book and enter it using the number buttons. If the code is accepted, the LED flashes twice after the last digit is entered.
If the LED does not flash twice, repeat Steps 2 through 4 with the next code listed for the component and manufacturer.
5. Point the remote control at the DVD player and press the POWER button. The DVD Player will turn off.



Note: If your DVD player does not respond, try all the codes for your brand. If the codes do not work, or your brand is not listed, see "Searching for Component Codes", page 11. Sometimes a code listed will only include limited functions. Try other codes that may include more functionality.

3.1.2.2 - Programming for the BRAVO DVD Players

1. Press the DVD button on the remote.
2. Press and hold the SETUP button until the LED LIGHT flashes twice.
3. Press 9 8 7. The LED flashes twice.
4. Enter the appropriate program code for the BRAVO D1 (0116) or the BRAVO D2 (0117) DVD Player.
5. Point the remote control at the DVD player and press the POWER button. The DVD Player will turn off.



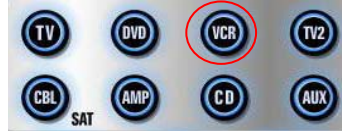
If the code was entered incorrectly, follow the following steps to reprogram the DVD button for the BRAVO DVD players.

1. Press and hold the SETUP button until the LED LIGHT flashes twice.
2. Press 9 8 2. The LED LIGHT will flash four times.
3. Then repeat steps 1 through 5 in the above section.

The remote control should now recognize the BRAVO DVD players.

3.1.3 - Programming for VCR

1. Manually turn on the VCR.
2. Press the VCR button on the remote control.
3. Press and hold the SETUP button until the LED LIGHT flashes twice.
4. Find the programming code for your VCR in the code list in the back of this book and enter it using the number buttons. If the code is accepted, the LED flashes twice after the last digit is entered.
If the LED does not flash twice, repeat Steps 2 through 4 with the next code listed for the component and manufacturer.
5. Point the remote control at the VCR and press the POWER button. The VCR will turn off.



Note: If your VCR does not respond, try all the codes for your brand. If the codes do not work, or your brand is not listed, see "Searching for Component Codes", page 11. Sometimes a code listed will only include limited functions. Try other codes that may include more functionality.

3.1.4 - Programming for Cable Box

1. Manually turn on the Cable Box.
2. Press the CBL button on the remote control.
3. Press and hold the SETUP button until the LED LIGHT flashes twice.
4. Find the programming code for your Cable Box in the code list in the back of this book and enter it using the number buttons. If the code is accepted, the LED flashes twice after the last digit is entered.
If the LED does not flash twice, repeat Steps 2 through 4 with the next code listed for the component and manufacturer.
5. Point the remote control at the Cable Box and press the POWER button. The Cable Box will turn off.



Note: If your Cable Box does not respond, try all the codes for your brand. If the codes do not work, or your brand is not listed, see "Searching for Component Codes", page 11. Sometimes a code listed will only include limited functions. Try other codes that may include more functionality.

3.2 - Searching for Component Codes

If the user cannot find the manufacturer in the component list or the program code does not work, the user can use the remote control to search for the correct component code.

To search for a component code:

1. Turn on the component.
2. Press the matching component button on the remote control.
3. Press and hold the SETUP button until the LED flashes twice.
4. Press 9 9 1. The LED flashes twice.
5. Point the remote control at the component and then alternate between pressing the POWER button and the component button on the remote control until the component turns off.

If the component still does not respond, clear the component button, then repeat the search procedure.

To clear the component button:

1. Make sure that the component is turned on.
2. Press and hold the SETUP button on the remote control until the LED flashes twice.
3. Press 9 9 2, then press the component button on the remote control twice.

3.3 - Reassigning Component Buttons

You can reassign the component buttons on the remote control if you have more than one of the same types of component. For example, if you are using the remote to control the cable (CBL), CD, DVD, VCR and two TVs, you can reassign the TV2 button as a second TV button.

To reassign component buttons:

1. Press and hold the SETUP button until the LED flashes twice.
2. Press 9 9 2. The LED flashes twice.
3. Press the component button that you want (TV) once, and then press the component button that you are reassigning (TV2) once. The TV2 button is now reassigned and can be programmed as a TV component button. See "Programming the VIZIO Universal Remote Control", page 9.

3.4 - Changing Volume Lock

The remote control is set to control volume through your TV while in cable (CBL), DVD, satellite (SAT) and VCR component modes. Use the volume lock if you want to control the volume for all components through a specific component. For example, you want to control volume for all components through the tuner (TNR).

To change the volume lock:

1. Press and hold the SETUP button until the LED flashes twice.
2. Press 9 9 3. The LED flashes twice.
3. Press the component button that you want (TNR) once. The LED flashes twice. Volume will now be controlled through the tuner for all components.

3.5 - Teaching the Remote Control New Functions

The VIZIO Universal Remote Control can learn up to 25 additional functions from the component's original remote control. For example, your DVD player remote control has a scan function that you may use frequently. Since there is not a scan button on the VIZIO Universal Remote Control, you can assign a button and use the remote to teach the remote control the scan function.

Note: Make sure that you have already programmed the remote control for the component. See "Programming the VIZIO Universal Remote Control" on page 8. Make sure that area lighting is not too bright or it will interfere with the learning process.

To teach the remote control a new function:

1. Press and hold the SETUP button on the remote control until the LED flashes twice.
2. Press 9 7 5. The LED flashes twice.
3. Press the component button that you want (DVD) once.
4. Press the button that you are assigning the new function to. The LED flashes quickly while it is waiting to receive the signal from the teaching remote.
5. Hold the teaching remote control approximately 1-inch (2.54 cm) from the remote control making sure that the infrared ports are lined up. Then press the button on the teaching remote that you want the remote to learn. The LED flashes twice.
6. Press the SETUP button to exit learning mode.

Chapter 4 - Troubleshooting

4.1 - Common Concerns

Use the following information to solve common issues.

- Problem:** The LED doesn't blink when a button is pressed.
Solution: Replace the batteries. See "Insertion of Batteries in the Remote Control" on page 6.
- Problem:** The LED blinks when a component mode is pressed, but the component does not respond.
Solution: Make sure that you are less than 15 feet (4.57 meters) from the infrared remote sensors on the component.
Make sure that nothing is blocking the infrared remote sensors on the remote control or the component.
Make sure that you have selected the correct component mode.
Make sure that the remote is programmed for that component.
See "Programming the VIZIO Universal Remote Control" on page 8.
- Problem:** The remote control will not accept the component program code.
Solution: Make sure that you followed all the steps in the programming procedure. See "Programming the VIZIO Universal Remote Control" on page 8.
Make sure that you tried all the program codes listed for the component manufacturer. See "Component Program Codes" in Appendix B.
Search for the component code. See "Searching for Component Codes" on page 11.

4.2 - Telephone & Technical Support

Products are often returned due to a technical problem rather than a defective product which may result in unnecessary shipping charges billed to you. Our trained support personnel can often resolve the problem over the phone. For more information on warranty service or repair, after the warranty period, please contact our Support Department at the number below.

Quality service and consistent technical support are integral parts of V's commitment to service excellence. V's service representatives are dedicated to assist you with the utmost in customer satisfaction. To better assist you, please contact via email or phone.

Email: techsupp@vinc.us or Tel: (714) 668.0588, 7am-4pm PST

Corporate Contact Information

V Incorporated
320A Kalmus Drive
Costa Mesa, CA 92626
Tel: (714) 668.0588
Fax: (714) 668.9099
Web: www.VINC.com

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Appendix A: Warranty Information

V, Inc. Limited Warranty

Welcome to the V, Inc. Digital Family. Please read this warranty carefully, it is a "90-Day Limited Warranty" on parts and labor.

V, Inc.'s Responsibility

V, Inc. Universal Remote Controls purchased in the United States are warranted to be free from defects in materials or workmanship for a period of 90 days from the date of their original purchase. If the unit fails to conform to this warranty, we will service the product using new or refurbished parts.

Service Labor

During a period of 90 days from the effective warranty date, V, Inc. will provide when needed, service labor to repair a manufacturing defect at its designated Service Center. To obtain warranty service in the United States, you must first call our Customer Support at (714) 668-0588, 9:00 am – 5:00 pm PST. The determination of service will be made by V, Inc. Customer Support. PLEASE DO NOT RETURN YOUR UNIT TO V, INC. WITHOUT PRIOR AUTHORIZATION.

Parts

New or remanufactured replacements for defective parts will be used for repairs by V, Inc. at its designated Service Center for 90 days from the effective warranty date. Such replacement parts are warranted for the remaining portion of the original warranty period.

Service

During the 90 day warranty period, V, Inc. will, at its option and sole discretion, repair or replace defective parts, including the replacement of the entire product. The Customer will be required to ship the unit to the Service Center indicated at the time Customer Support is contacted to make the necessary repairs. You are responsible for all transportation charges to and from the service facility. V, Inc. is not responsible for the de-installation or re-installation of the unit.

Packaging and Shipping Instructions

When you send the product to an authorized V, Inc. service facility, you must use the original carton box and packing material or an equivalent as approved by V, Inc.

Not Covered

This warranty does not cover defects, malfunctions or failures resulting from shipping or transit accidents, abuse, misuse, operation contrary to furnished instructions, operation on incorrect power supplies, operation with faulty associated equipment, modification, alteration, improper servicing, tampering or normal wear and tear or remotes on which the serial number has been removed or defaced.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED IN DURATION TO THE PERIOD OF TIME SET FORTH ABOVE. OUR LIABILITY FOR ANY AND ALL LOSSES AND DAMAGES RESULTING FROM ANY CAUSE WHATSOEVER, INCLUDING OUR NEGLIGENCE, ALLEGED DAMAGE OR DEFECTIVE GOODS, WHETHER SUCH DEFECTS ARE DISCOVERABLE OR LATENT SHALL IN NO EVENT EXCEED THE PURCHASE PRICE OF THE UNIT. WE SHALL NOT BE RESPONSIBLE FOR LOSS OF USE, COMMERCIAL LOSS OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. This is the only warranty applicable; no one is authorized to extend or modify it or to grant any other warranty.

V, Inc. retains the right to assess all warranty claims and to determine if damages are covered by warranty. In case of a claim that is not covered by the warranty, you will be contacted to determine whether V, Inc. should repair the damage for a fee or whether the product should be returned to you as received by the repair center.

Owner's responsibility

Effective Warranty Date

Warranty begins on the date of sale to the end user. To ensure warranty service, keep the dated bill or sale receipt as evidence of the purchase date.

User Manual

Read your user manual carefully so that you will understand the operation of your remote control and how to adjust the user controls.

Warranty Service

For warranty service information, contact V, Inc. Customer Support at (714) 668-0588, 9:00 am – 5:00 pm PST. Parts and service labor that are V, Inc.'s responsibility (see above) will be provided without charge. Other service is at the owner's expense. You must provide the model, serial number and date of purchase. Before you ask for warranty service, read your user manual. You might avoid a service call.

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Appendix B: Component Codes

Setup Codes for V, Inc. Products

Product	Program Code
BRAVO D1 DVD	0116
BRAVO D2 DVD	0117
BRAVO HD1	1126
VIZIO P4	0113
VIZIO L6	0115
VIZIO L13	0114
VIZIO RP56	0

Setup Codes for Amplifier and Tuner Codes

Manufacturer	Program Codes	Manufacturer	Program Code
Bose	0674	Polk Audio	0892
GE	0078	Realistic	0395
Harman/Kardon	0892	Sony	0689
JVC	0331	Sounddesign	0078
Marantz	0892	Victor	0331
Optimus	0395	Wards	0078
Philips	0892	Yamaha	0354

Setup Codes for Cable Set-Top Box Codes

Manufacturer	Program Codes	Manufacturer	Program Code
ABC	0003, 0017	Philips	0305, 0317
Americast	0899	Pioneer	0144, 0533, 0877
Bell South	0899	Pulsar	0000
General Instrument	0276, 0476, 0810	Quasar	0000
Goldstar	0144	Regal	0273, 0279
Hamlin	0009, 0273	Runco	0000
Jerrold	0003, 0276, 0476, 0810	Samsung	0144
Memorex	0000	Scientific Atlanta	0017, 0477, 0877
Motorola	1106	Starcom	0003
Pace	0237	Toshiba	0000
Panasonic	0107, 0000	Zenith	0000, 0525, 0899
Paragon	0000		

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Setup Codes for CD Player Codes

Manufacturer	Program Codes	Manufacturer	Program Code
Aiwa	0157	Parasound	0420
Burmester	0420	Philips	0157, 0626
California Audio Labs	0029	Pioneer	0032, 0468, 0305, 1062, 1063
Carver	0157, 0179	Polk Audio	0157
DKK	0000	Proton	0157
Denon	0003, 0873	QED	0157
Emerson	0305	Quasar	0029
Fisher	0179	RCA	0053, 0032, 1062, 0468, 0305, 0179
Garrard	0420	Realistic	0179, 0420
Genexxa	0032, 0305	Rotel	0157, 0420
Harman/Kardon	0157, 0173	SAE	0157
Hitachi	0032	Sansui	0157, 0305
JVC	0072	Sanyo	0179
Kenwood	0028, 0190, 0826, 0037, 0626, 0681	Scott	0305
Krell	0157	Sears	0305
LXI	0305	Sharp	0037, 0861
Linn	0157	Sherwood	1067
MCS	0029	Sonic Frontiers	0157
MTC	0420	Sony	0000, 0490
Magnavox	0157, 0305	Soundesign	0145
Marantz	0157, 0626, 0029	Tascam	0420
Mission	0157	Teac	0420
NSM	0157	Technics	0029

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Setup Codes for DVD Players Codes

Manufacturer	Program Codes	Manufacturer	Program Code
Apex	0672	Optimus	0571
Denon	0490	Oritron	0651
Fisher	0670	Panasonic	0490, 0677, 0362
Gateway	0081	Philips	0539, 0503
GE	0522	Pioneer	0571, 0525, 0632
Gradiente	0651	Proscan	0522
Hitachi	0573, 0664	RCA	0522, 0571
Hiteker	0672	Samsung	0573
JVC	0623, 0558	Sharp	0630
Kenwood	0682, 0534	Sony	0533
Konka	0719, 0711, 0720, 0721	Technics	0490
Magnavox	0503, 0675	Theta Digital	0571
Marantz	0539	Toshiba	0503
Mitsubishi	0521	Yamaha	0490, 0545
Onkyo	0503	Zenith	0591, 0503

Setup Codes for Computer and Home Automation Codes

Manufacturer	Program Codes	Manufacturer	Program Code
Gateway	1272	Security System	0167
GE	0240	Universal X10	0167
One For All	0167	X10	0167
Radio Shack	0240		

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Setup Codes for Receiver Codes

Manufacturer	Program Codes	Manufacturer	Program Code
ADC	0531	Panasonic	0039, 1518
Aiwa	0121, 1405, 1089	Philips	1089, 1189, 1269
Bose	0238, 0639, 1229, 1253, 1355, 1356, 1357	Pioneer	0150, 0531, 0630, 1023
Capetronic	0531	Proscan	1254
Carver	1089, 1189	Quasar	0039
Denon	1160, 1104	RCA	1254, 0531, 1023
Harman/Kardon	0110	Sansui	1089
JBL	0110	Sharp	0186
JVC	0074	Sony	1158, 1058, 1258
Kenwood	1027, 0186, 1313, 1569, 1570	Soundesign	0670
MCS	0039	Sunfire	1313
Magnavox	1089, 0531, 1189	Technics	0039, 1308, 1518, 1309
Marantz	1189, 1089, 0039	Thorens	1189
Onkyo	0135	Victor	0074
Optimus	1023, 0186, 0531, 0670	Yamaha	0176, 0186, 1176

Setup Codes for Satellite Set-Top Box Codes

Manufacturer	Program Codes	Manufacturer	Program Code
AlphaStar	0772	Next Level	0869
Chaparral	0216	Panasonic	0247, 0701
Echostar	0775, 1005	Philips	1076, 1142, 0722, 0724, 0749
Expressvu	0775	Proscan	0392
GE	0566	RCA	0566, 0392, 0143, 0855
General Instrument	0869	Radio Shack	0869
HTS	0775	Samsung	1109
Hitachi	0819	Sony	0639
Hughes Network Systems	0749, 1142, 1749	Star Choice	0869
JVC	0775	Toshiba	0749, 0790
Magnavox	0722, 0724	Uniden	0724, d0722
Memorex	0724	Zenith	0856
Mitsubishi	0749		

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Setup Codes for TV Codes

Manufacturer	Program Codes	Manufacturer	Program Code
AOC	0019, 0030	Memorex	0179, 0463, 0178, 0016, 0056, 0150, 0154, 0250
Admiral	0093, 0463	Midland	0017, 0047, 0051
Aiko	0092	Mitsubishi	0150, 0178, 0019, 0093
Aiwa	0701	Motorola	0093
Akai	0030	Multitech	0180
Alaron	0179	NAD	0156, 0166, 0178
American Action	0180	NEC	0030, 0019, 0056
Anam	0180	NTC	0092
Audiovox	0092, 0180, 0451, 0623	Nikko	0178, 0030, 0092
Baysonic	0180	Onwa	0180
Belcor	0019	Optimus	0250, 0166, 0154
Bell and Howell	0016, 0154	Optonica	0093
Bradford	0180	Orion	0463, 0179, 0236
Brockwood	0019	Panasonic	0051, 0250
Broksonic	0263, 0463	Penney	0047, 1347, 0060, 0030, 0178, 0051, 0019, 0056, 0156
CXC	0180	Philco	0145, 0019, 0030, 0054, 0463
Candle	0030, 0056	Philips	0054
Carnivale	0030	Pilot	0013, 0030
Carver	0054	Pioneer	0166, 0679
Celebrity	0000	Portland	0019, 0092
Cineral	0451, 0092	Princeton	0717
Citizen	0056, 0030, 0060, 0092	Prism	0051
Concerto	0056	Proscan	0047
Contec	0180	Proton	0178
Craig	0180	Pulsar	0017, 0019
Crosley	0054	Quasar	0051, 0250
Crown	0180	RCA	0047, 1347, 1147, 0679, 1247, 0019, 0051, 0090, 0093, 1047, 1447
Curtis Mathes	0060, 0030, 0016, 0047, 0051, 0054, 0056, 0093, 0145, 0154, 0166, 0451, 1147, 1347	Radio Shack	0180, 0030, 0178, 0154, 0019, 0047, 0056
Daewoo	0092, 0623, 0019, 0624, 0451	Realistic	0180, 0154, 0030, 0178, 0019, 0056
Daytron	0019	Runco	0017, 0030

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Denon	0145	SSS	0019, 0180
Dumont	0017, 0019	Sampo	0030
Electroband	0000	Samsung	0060, 0019, 0078, 0030, 0056
Emerson	0236, 0180, 0178, 0179, 0463, 0624, 0623, 0019, 0154	Sansei	0451
Envision	0030	Sansui	0463
Fisher	0154	Sanyo	0154
Fujitsu	0179, 0683	Scimitsu	0019
Funai	0180, 0171, 0179	Scotch	0178
Futuretech	0180	Scott	0236, 0019, 0178, 0179, 0180
Gateway	0072, 0080	Sears	0154, 0056, 0156, 0047, 0054, 0171, 0178, 0179
GE	0047, 1347, 0051, 0178, 0451, 1147, 0093	Semivox	0180
Gibraltar	0017, 0019, 0030	Semp	0156
GoldStar	0178, 0019, 0030, 0056	Sharp	0093, 0688
Gradiente	0056, 0053	Shogun	0019
Grunpy	0179, 0180	Signature	0016
Hallmark	0178	Sony	0000
Harley Davidson	0179	Soundesign	0178, 0179, 0180
Harman/Kardon	0054	Squareview	0171
Harvard	0180	Starlite	0180
Hitachi	0145, 0056, 0016	Supreme	0000
Infinity	0054	Sylvania	0054, 0030
Inteq	0017	Symphonic	0171, 0180
JBL	0054	TMK	0056, 0178
JCB	0000	TNCi	0017
JVC	0053	Tandy	0093
KEC	0180	Technics	0051, 0056
KTV	0180, 0030	Technol Ace	0179
Kenwood	0030, 0019	Techwood	0051, 0056
Konka	0707, 0632, 0628, 0638, 0703	Teknika	0016, 0054, 0179, 0180, 0019, 0092, 0056, 0060, 0150
LG	0056	Telefunken	0056
LXI	0154, 0047, 0054, 0156, 0178	Toshiba	0156, 0060, 0154, 1256
Logik	0016	Vector Research	0030
Luxman	0056	Victor	0053
MGA	0150, 0019, 0030, 0178	Vidikron	0054

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MTC	0060, 0030, 0019, 0056	Vidtech	0019, 0178
Magnavox	0054, 0030, 0179, 1254	Wards	0054, 0178, 0016, 0019, 0030, 0056, 0179
Majestic	0016	White Westinghouse	0624, 0623, 0463
Marantz	0054, 0030	Yamaha	0019, 0030
Matsushita	0250	Zenith	0017, 0624, 0016, 0092, 0463
Magatron	0145, 0178		

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Setup Codes for VCR Codes

Manufacturer	Program Codes	Manufacturer	Program Code
Admiral	0048, 0209	Mitsubishi	0043, 0048, 0067
Adventura	0000	Motorola	0035, 0048
Aiko	0278	Multitech	0000, 0072
Aiwa	0000, 0037	NEC	0038, 0067, 0104
America Action	0278	Nikko	0037
American High	0035	Noblex	0240
Asha	0240	Olympus	0035
Audiovox	0037	Optimus	0162, 1062, 1162, 0048, 1262, 0037, 1048, 0104, 0432
Beaumark	0240	Orion	0479, 0002, 0184, 0209
Bell & Howell	0104	Panasonic	0035, 0162, 1162, 1262, 1362, 0616, 1062
Broksonic	0121, 0184, 0001, 0209, 0479	Penney	0035, 0240, 0037, 0042, 0038
CCE	0072, 0278	Pentax	0042
Calix	0037	Philco	0035, 0209, 0479
Canon	0035	Philips	0081, 0035, 0618, 1081, 1181
Carver	0081	Pilot	0037
Cineral	0278	Pioneer	0067
Citizen	0278, 0037	Polk Audio	0081
Colt	0072	Profitronic	0240
Craig	0037, 0072, 0047, 0240	Proscan	0060
Curtis Mathes	0035, 0060, 0162	Protec	0072
Cybernex	0240	Pulsar	0039
Daewoo	0278, 0045	Quasar	0035, 0162, 1162
Denon	0042	RCA	0060, 0149, 0042, 0035, 0048, 0240
Dynatech	0000	Radio Shack	0000, 1037
Electrohome	0037	Radix	0037
Electrophonic	0032	Randex	0037
Emerex	0032	Realistic	0000, 0104, 0047, 0048, 0037, 0035
Emerson	0184, 0002, 0209, 0278, 0121, 0479, 0000, 0037, 0043	Replay TV	0614, 0616
Fisher	0047, 0104	Runco	0039
Fuji	0033, 0035	STS	0042
Funai	0000	Samsung	0045, 0240

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GE	0035, 0060, 0048, 0240	Sanky	0039, 0048
Garrard	0000	Sansui	0479, 0000, 0067, 0209
Go Video	0432	Sanyo	0047, 0104, 0240
GoldStar	0037, 0038	Scott	0184, 0121, 0043, 0045
Gradiente	0000	Sears	0037, 0042, 0000, 0035, 0047, 0104
HI-Q	0047	Semp	0045
Harley Davidson	0000	Sharp	0048
Harman/Kardon	0038, 0081	Shintom	0072
Harwood	0072	Shogun	0240
Hitachi	0042, 0000	Singer	0072
Hughes Network Systems	0042	Sony	0033, 0035, 0000, 0035, 0636, 1032
JVC	0067	Sylvania	0035, 0081, 0000, 0043
KEC	0037, 0278	Symphonic	0000
KLH	0072	TMK	0240
Kenwood	0067, 0038	Teac	0000
Kodak	0035, 0037	Technics	0035, 0162
LXI	0037	Teknika	0000, 0035, 0037
Lloyd's	0000	Thomas	0000
Logik	0072	Tivo	0618, 0636
MEI	0035	Toshiba	0045, 0043
MGA	0043, 0240	Totevision	0037, 0240
MGN Technology	0240	Unitech	0240
MTC	0000, 0240	Vector	0045
Magnasonic	0278	Vector Research	0038
Magnavox	0035, 0081, 0563, 0000, 0039, 0149	Video Concepts	0045
Magnin	0240	Videosonic	0240
Marantz	0081, 0035	Wards	0035, 0060, 0000, 0047, 0240, 0042, 0048, 0072, 0081, 0149
Marta	0037	White Westinghouse	0072, 0278, 0209
Matsushita	0035, 0162	XR-1000	0072, 0000, 0035
Memorex	0104, 0047, 0479, 0000, 0037, 0048, 0035, 0240, 1037, 0039, 0162, 0209, 1162, 1262	Yamaha	0038
Minolta	0042	Zenith	0039, 0000, 0033, 0209, 0479