

# Basic Remote



**dish**  
NETWORK®

## **Safety Instructions**

You must keep safety in mind while using this device. Keep these and any other instructions for future reference.

**Observe Warnings:** Carefully follow all warnings on the device and in the operating instructions.

**Heat:** Do NOT place the device near heat sources such as radiators, stoves, heat registers, or other appliances that produce heat.

## **Care and Use**

**Cleaning:** Do NOT use liquid, abrasive, solvent, or aerosol cleaners. Use a damp cloth for cleaning.

**When Not in Use:** Remove the batteries if this device is to be left unattended or unused for a long period of time.



Refer servicing to qualified personnel when a solid object or liquid has fallen onto or into the device.



Do NOT attempt to service this device. Refer all servicing to qualified personnel. Opening covers other than the battery cover will void the warranty.

## **Publishing Information**

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# SAT Mode

## Red Light

Assists in programming mode

## SAT Power

Controls satellite receiver

## DVR

Goes to list of recorded programs

## MENU

Accesses features and settings

## Arrows/OK Buttons

Navigates through menus and program guide, and use to select a desired option

## VOLUME and MUTE Buttons

Controls TV volume

## Number Buttons

Enters a channel number, or navigates through menus

## System Wizard

Stores and/or restores remote settings

## TV Power

Controls TV

## GUIDE

Displays current and future satellite program listings

## CANCEL

Returns to previous menu or to watching a program

## INFO

Retrieves information on programs

## DVR

Pauses live TV and plays or records programming

## RECALL

Returns to the last channel viewed

## Channel Up/Down

Navigates through channels



# DVR Functions

**Note:** DVR Functions only work with DISH Network receivers that support DVR.

DVR

Press twice to go to list of recorded programs.

PAUSE  
PLAY

Pauses or plays a live or recorded program.

STOP

Stops recording a program.

REC

Records a program.

BACK

Press and release to skip backward through recorded programs. Press and hold before releasing to rewind quickly (x4). If pressed and released once in rewind mode, rewinding video increases to second speed (x60).

FWD

Press and release to skip forward through recorded programs. Press and hold before releasing to fast-forward quickly (x4). If pressed and released once in fast forward mode, forwarding video increases to second speed (x60).

BACK

OR

FWD

**Note:** If video is rewinding or forwarding at x4 speed and the opposite button is pressed, the video switches to other direction.

If video is rewinding or forwarding at x60 speed and the opposite button is pressed, the video decreases to x4.

# Insert the Batteries

1



Remove the remote battery cover.

2



Insert 4 AA batteries, making sure to match the plus (+) ends with the plus markings on the battery case.

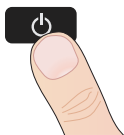
3



Replace the remote battery cover. With the cover at a slight angle, line up the tabs and push down on the cover until it is in place.

## Making the Remote Work with the Receiver

1



Press the POWER button on the receiver's front panel.

2



Confirm remote operates the receiver by pressing other remote buttons.



## Programming Remote to Control TV (Entering a TV code *continued*)



Press and release TV POWER to turn off the TV. If TV turns off, continue to step 7. If the TV does not turn off, go to Step 8.

**MUTE**

**VOL**








Turn the TV on and try other buttons to make sure they work. If the other buttons work, stop here. If they do not work, continue to Step 8.

## TV Codes

These listings contain the manufacturer codes for your television. To find out more about your TV, Everyeffort has been made to include all codes. If you cannot find your code, please contact us. We will help you, the retailer may not contain your equipment, we will be happy to help you find it.

|                   |                                   |
|-------------------|-----------------------------------|
| <b>Alexa</b> 9000 | <b>Bosch</b> 9020                 |
| <b>Alexa</b> 9001 | <b>Bosch</b> 9021                 |
| <b>Alexa</b> 9002 | <b>Bosch &amp; Howard</b> 500 675 |
| <b>Alexa</b> 9003 | <b>Bosch</b> 9022                 |
| <b>Alexa</b> 9004 | <b>Bosch</b> 9023                 |
| <b>Alexa</b> 9005 | <b>Bosch</b> 9024                 |
| <b>Alexa</b> 9006 | <b>Bosch</b> 9025                 |
| <b>Alexa</b> 9007 | <b>Bosch</b> 9026                 |
| <b>Alexa</b> 9008 | <b>Bosch</b> 9027                 |
| <b>Alexa</b> 9009 | <b>Bosch</b> 9028                 |
| <b>Alexa</b> 9010 | <b>Bosch</b> 9029                 |
| <b>Alexa</b> 9011 | <b>Bosch</b> 9030                 |
| <b>Alexa</b> 9012 | <b>Bosch</b> 9031                 |
| <b>Alexa</b> 9013 | <b>Bosch</b> 9032                 |
| <b>Alexa</b> 9014 | <b>Bosch</b> 9033                 |
| <b>Alexa</b> 9015 | <b>Bosch</b> 9034                 |
| <b>Alexa</b> 9016 | <b>Bosch</b> 9035                 |
| <b>Alexa</b> 9017 | <b>Bosch</b> 9036                 |
| <b>Alexa</b> 9018 | <b>Bosch</b> 9037                 |
| <b>Alexa</b> 9019 | <b>Bosch</b> 9038                 |
| <b>Alexa</b> 9020 | <b>Bosch</b> 9039                 |
| <b>Alexa</b> 9021 | <b>Bosch</b> 9040                 |
| <b>Alexa</b> 9022 | <b>Bosch</b> 9041                 |
| <b>Alexa</b> 9023 | <b>Bosch</b> 9042                 |
| <b>Alexa</b> 9024 | <b>Bosch</b> 9043                 |
| <b>Alexa</b> 9025 | <b>Bosch</b> 9044                 |
| <b>Alexa</b> 9026 | <b>Bosch</b> 9045                 |
| <b>Alexa</b> 9027 | <b>Bosch</b> 9046                 |
| <b>Alexa</b> 9028 | <b>Bosch</b> 9047                 |
| <b>Alexa</b> 9029 | <b>Bosch</b> 9048                 |
| <b>Alexa</b> 9030 | <b>Bosch</b> 9049                 |
| <b>Alexa</b> 9031 | <b>Bosch</b> 9050                 |
| <b>Alexa</b> 9032 | <b>Bosch</b> 9051                 |
| <b>Alexa</b> 9033 | <b>Bosch</b> 9052                 |
| <b>Alexa</b> 9034 | <b>Bosch</b> 9053                 |
| <b>Alexa</b> 9035 | <b>Bosch</b> 9054                 |
| <b>Alexa</b> 9036 | <b>Bosch</b> 9055                 |
| <b>Alexa</b> 9037 | <b>Bosch</b> 9056                 |
| <b>Alexa</b> 9038 | <b>Bosch</b> 9057                 |
| <b>Alexa</b> 9039 | <b>Bosch</b> 9058                 |
| <b>Alexa</b> 9040 | <b>Bosch</b> 9059                 |
| <b>Alexa</b> 9041 | <b>Bosch</b> 9060                 |
| <b>Alexa</b> 9042 | <b>Bosch</b> 9061                 |
| <b>Alexa</b> 9043 | <b>Bosch</b> 9062                 |
| <b>Alexa</b> 9044 | <b>Bosch</b> 9063                 |
| <b>Alexa</b> 9045 | <b>Bosch</b> 9064                 |
| <b>Alexa</b> 9046 | <b>Bosch</b> 9065                 |
| <b>Alexa</b> 9047 | <b>Bosch</b> 9066                 |
| <b>Alexa</b> 9048 | <b>Bosch</b> 9067                 |
| <b>Alexa</b> 9049 | <b>Bosch</b> 9068                 |
| <b>Alexa</b> 9050 | <b>Bosch</b> 9069                 |
| <b>Alexa</b> 9051 | <b>Bosch</b> 9070                 |
| <b>Alexa</b> 9052 | <b>Bosch</b> 9071                 |
| <b>Alexa</b> 9053 | <b>Bosch</b> 9072                 |
| <b>Alexa</b> 9054 | <b>Bosch</b> 9073                 |
| <b>Alexa</b> 9055 | <b>Bosch</b> 9074                 |
| <b>Alexa</b> 9056 | <b>Bosch</b> 9075                 |
| <b>Alexa</b> 9057 | <b>Bosch</b> 9076                 |
| <b>Alexa</b> 9058 | <b>Bosch</b> 9077                 |
| <b>Alexa</b> 9059 | <b>Bosch</b> 9078                 |
| <b>Alexa</b> 9060 | <b>Bosch</b> 9079                 |
| <b>Alexa</b> 9061 | <b>Bosch</b> 9080                 |
| <b>Alexa</b> 9062 | <b>Bosch</b> 9081                 |
| <b>Alexa</b> 9063 | <b>Bosch</b> 9082                 |
| <b>Alexa</b> 9064 | <b>Bosch</b> 9083                 |
| <b>Alexa</b> 9065 | <b>Bosch</b> 9084                 |
| <b>Alexa</b> 9066 | <b>Bosch</b> 9085                 |
| <b>Alexa</b> 9067 | <b>Bosch</b> 9086                 |
| <b>Alexa</b> 9068 | <b>Bosch</b> 9087                 |
| <b>Alexa</b> 9069 | <b>Bosch</b> 9088                 |
| <b>Alexa</b> 9070 | <b>Bosch</b> 9089                 |
| <b>Alexa</b> 9071 | <b>Bosch</b> 9090                 |
| <b>Alexa</b> 9072 | <b>Bosch</b> 9091                 |
| <b>Alexa</b> 9073 | <b>Bosch</b> 9092                 |
| <b>Alexa</b> 9074 | <b>Bosch</b> 9093                 |
| <b>Alexa</b> 9075 | <b>Bosch</b> 9094                 |
| <b>Alexa</b> 9076 | <b>Bosch</b> 9095                 |
| <b>Alexa</b> 9077 | <b>Bosch</b> 9096                 |
| <b>Alexa</b> 9078 | <b>Bosch</b> 9097                 |
| <b>Alexa</b> 9079 | <b>Bosch</b> 9098                 |
| <b>Alexa</b> 9080 | <b>Bosch</b> 9099                 |
| <b>Alexa</b> 9081 | <b>Bosch</b> 9100                 |
| <b>Alexa</b> 9082 | <b>Bosch</b> 9101                 |
| <b>Alexa</b> 9083 | <b>Bosch</b> 9102                 |
| <b>Alexa</b> 9084 | <b>Bosch</b> 9103                 |
| <b>Alexa</b> 9085 | <b>Bosch</b> 9104                 |
| <b>Alexa</b> 9086 | <b>Bosch</b> 9105                 |
| <b>Alexa</b> 9087 | <b>Bosch</b> 9106                 |
| <b>Alexa</b> 9088 | <b>Bosch</b> 9107                 |
| <b>Alexa</b> 9089 | <b>Bosch</b> 9108                 |
| <b>Alexa</b> 9090 | <b>Bosch</b> 9109                 |
| <b>Alexa</b> 9091 | <b>Bosch</b> 9110                 |
| <b>Alexa</b> 9092 | <b>Bosch</b> 9111                 |
| <b>Alexa</b> 9093 | <b>Bosch</b> 9112                 |
| <b>Alexa</b> 9094 | <b>Bosch</b> 9113                 |
| <b>Alexa</b> 9095 | <b>Bosch</b> 9114                 |
| <b>Alexa</b> 9096 | <b>Bosch</b> 9115                 |
| <b>Alexa</b> 9097 | <b>Bosch</b> 9116                 |
| <b>Alexa</b> 9098 | <b>Bosch</b> 9117                 |
| <b>Alexa</b> 9099 | <b>Bosch</b> 9118                 |
| <b>Alexa</b> 9100 | <b>Bosch</b> 9119                 |
| <b>Alexa</b> 9101 | <b>Bosch</b> 9120                 |
| <b>Alexa</b> 9102 | <b>Bosch</b> 9121                 |
| <b>Alexa</b> 9103 | <b>Bosch</b> 9122                 |
| <b>Alexa</b> 9104 | <b>Bosch</b> 9123                 |
| <b>Alexa</b> 9105 |                                   |

If the code does not work, repeat Steps 3 through 7 with another TV code for your brand of TV listed in the table starting on page 11.

- 1  Turn TV on.
- 2  Press and hold **TV POWER** button for three seconds.
- 3  Once LED flashes, release the **TV POWER** button.
- 4  Press **TV POWER** button.
- 5  Press either **UP/ARROW** or **DOWN/ARROW** on remote unit. If LED goes out and comes back on, if the TV turns off, continue to the next step. If the TV remains on, keep pressing **UP/ARROW** or **DOWN/ARROW**.
- 6  Press **OK**. LED flashes three times.
- 7  Press **TV POWER** button to turn TV on and by other buttons to make sure the TV responds the way you expect. If you want to try another code, begin from Step 1 again.

If you are unable to find a code that works, try the instructions for *Automatically finding a TV code* on page 6.

# Programming Remote to Control TV (Automatically finding a TV code)

**Note:** Only use *Automatically finding a TV code* if you were unable to find a code using *Entering a TV code*.

1



Turn TV and receiver on.

2



Press and hold TV POWER until red light comes on. Release TV POWER. Red light blinks.

3



Press and release TV POWER. Red light stays on.

4



Press and release UP ARROW slowly. Red light goes out and comes back on. If the TV turns off, continue to Step 5. If the TV remains on, repeat this step until the TV turns off. Point the remote at the TV the entire time.

5



Press and release OK. Red light blinks three times.

6



Press TV POWER to turn TV on and try other buttons to make sure the TV responds the way you expect. If not, try another code by returning to Step 1.



# Displaying TV Code

To identify the TV code that your Basic Remote is using, complete the following steps:

1



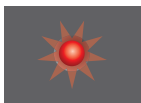
Press and hold TV POWER until red light comes on. Release TV POWER. Red light blinks.

2



Press and release OK twice.

3



The red light blinks a number of times corresponding to the value of the stored TV code. For example, if the stored TV code is 593, the red light blinks five times, pauses, blinks nine times, pauses, and blinks three times. For a zero value, the red light blinks quickly (different blink from a value of 1).

4



Record the stored TV code in the Reference Table on the inside back cover.

# SAT Auto-Tune

SAT Auto-Tune programs into the remote control the correct TV channel used for viewing your paid programming. If you are experiencing fuzzy, blue, or black screens, it might be due to the TV being set to the wrong channel. Using the SAT Auto-Tune feature helps prevent fuzzy, blue, or black screens from occurring. When TV POWER is pressed and released, the remote sends that channel to the TV, ensuring that the TV is on the correct channel for viewing your paid programming.

To use this feature, you must program the channel by following the steps under *Setting SAT Auto-Tune Channel*.

## Setting SAT Auto-Tune Channel

1



Make sure the remote control operates your TV.

2



Press and hold TV POWER until red light comes on. Release TV POWER. Red light blinks.

3

RECALL



Press and release RECALL.

4



Enter the channel used for viewing (three digits in range of 002 to 125), for example channel "003."





5



Press and release OK.

# Disabling SAT Auto-Tune Channel

If you decide that you do not want the TV programmed to the TV channel used for viewing your paid programming, follow the steps below to disable SAT Auto-Tune. This only needs to be done if you followed the steps for *Setting SAT Auto-Tune Channel* on page 8.

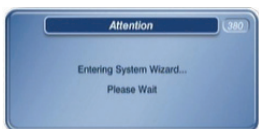
- 1**  Press and hold TV POWER until red light comes on. Release TV POWER.
- 2**  Press and release RECALL.
- 3**  Enter 000.
- 4**  Press and release OK.

# Using System Wizard

**Note:** System Wizard only works with some receivers.

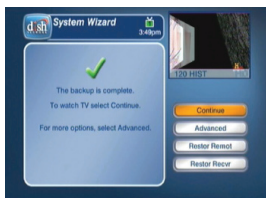
Use System Wizard to store/restore your remote settings. If your batteries are low, replace them before beginning.

1



Press and hold 0 until System Wizard message appears. Release 0. Make sure remote and receiver are in line of sight.

2



Select **Continue** to return to Live TV.

# TV Codes

These tables contain the manufacturer codes for programming the remote control to operate your TV. Every attempt has been made to include all codes. If your equipment brand is not listed or if the codes do not work, the remote may not control your equipment. In some cases, codes may operate some but not all buttons shown in this guide.

**3M** 026 160

**Abex** 658 926

**ABS** 721

**Accurian** 623

**Acer** 511

**Action** 061

**Admiral** 521 532 533 572

675 726 739 740 834 835

**Advent** 032 035 044 053

220 502 653 842 912

**Adventura** 929

**Aftron** 069

**Aiko** 524 727 778

**Aiwa** 018 667

**Akai** 016 175 178 179 180

506 592 601 612 622 627

652 680 684 738 750 754

794 795 807 808 858 865

866 906 907 908 946

**Alaron** 532 974 977

**Albatron** 692 804

**Alienware** 721

**A-Mark** 804 914

**Ambassador** 971

**America Action** 541 657

682

**Ampro** 691

**Amtron** 657

**Anam** 657 682 915 916

936

**Anam National** 541 657

963

**Anthem** 164

**AOC** 075 131 157 235 271

505 506 519 520 582 620

627 653 654 914 932 952

975

**Apex** 542 552 574 595

743 744 745 757 759 771

815

**Apex Digital** 065 086

231

**Archer** 804 914

**Astar** 186 594

**Audiovox** 020 040 099

222 223 224 280 524 528

531 541 565 623 624 657

678 682 697 719 727 778

810 816 832 914

**Aurora Systems** 039

**Aventura** 527 569 694

733 841 846

**Axion** 222 636

**Bang & Olufsen** 161

514 665

**Barco** 770 824 825 826

828

**Baycraft** 536

**Baysonic** 682

*Table continued on next page*

# TV Codes, continued

**Belcor** 505 627 773  
**Bell & Howell** 590 611 675  
**Benq** 073 112 511 535  
**Bradford** 541 657 682  
**Brilliant** 091 092 093 558  
**Brockwood** 505 627  
**Broksonic** 213 533 622 648 682 726 748 750 752 754 834 865 866 899 908 914 980  
**ByD:sign** 109 792  
**Cadia** 098  
**Candle** 506 523 536 627 654 929 933  
**Canon** 036 135 282  
**Capehart** 627  
**Carnivale** 506 627  
**Carver** 621 656 674 761 792 818 897 968  
**Casio** 083  
**CCE** 528 816 978 990  
**Celebrity** 500 640 652 677 758 781 783 795 797 798 837 844  
**Celera** 743 744 745 815  
**Champion** 130  
**Changhong** 743 744 745 815  
**Cinego** 230  
**Cineral** 697  
**Circuit City** 627  
**Citizen** 170 172 173 506 516 523 524 536 590 622 627 654 655 657 658 664 680 702 727 750 754 778 865 866 908 929 933 985

**Clairtone** 975  
**Clarion** 541 657 682  
**Classic** 229  
**Coby** 165 256 257 258 260 261 262 263 264 265 266 267 268 281 607 626 633  
**Colortyme** 627 654  
**Colt** 660  
**Commercial Solutions** 503 522 645 650 749 776 779 805 830 831 859 863 864  
**Compaq** 029 030  
**Computime** 071  
**Concerto** 523 627 654 933  
**Contec** 541 657 682 960 961 975  
**Contec/Cony** 541 655 657 658  
**Craig** 536 541 657 682 694 963  
**Crosley** 500 621 640 656 674 677 758 761 781 783 792 795 797 798 818 837 844 897  
**Crown** 536 541 655 656 657 658 682 702 761  
**CTX** 804  
**Curtis** 573 683

*Table continued on next page*

# TV Codes, continued

**Curtis Mathes** 003 028

215 503 506 516 521 528 530

531 572 590 611 621 627 641

645 650 654 655 656 658 674

675 680 697 702 719 738 739

740 749 755 761 776 792 794

818 830 832 863 864 897 933

953 966

**CXC** 541 657 682

**CyberHome** 037

**CyberPower** 721

**Cytron** 537 539 550 903

904

**Daewoo** 015 016 505 524

528 530 531 590 611 627

630 653 654 655 658 664

684 697 702 719 727 778

816 832 853 935 942

**Daytron** 505 627 654 658

**Dell** 080 137 518 676 772

773 774

**Denon** 007 786 953

**Denstar** 011

**DiamondVision** 546 643

659

**Digital Projection Inc.**

143 185 191

**Digital Lifestyles** 194

**Digistar** 153

**Dimensia** 503 645 830

**DISH Network** 742

**Disney** 247

**Dixi** 761 897

**Dumont** 501 505 627 711

775 813

**Durabrand** 527 533 541

564 569 587 627 632 657

682 694 718 726 733 834

841 843 846 914

**Dwin** 022 034 572 739

**Dynatech** 930

**Dynex** 200 538 585 698

701 706

**EchoStar** 742 763

**Eiki** 025

**Electroband** 500 640

652 677 758 781 783 795

797 798 837 844 975

**Electrograph** 162 507

581 609 710 746 753 763

801

**Electrohome** 171 173

533 627 652 654 726 795

834 994 997

**Element** 250 567 568 591

669 723 724

**Emerson** 213 505 527

528 529 530 531 532 533

536 541 559 564 569 587

590 611 618 627 632 643

646 654 655 657 658 664

668 672 679 682 694 697

702 718 719 726 733 748

752 756 764 767 777 816

829 832 834 838 839 841

846 899 927 961 971 972

973 974 975 980 982 985

987

**Emprex** 152 194 597

**Encross** 062 142

*Table continued on next page*

# TV Codes, continued

**Envision** 042 131 235  
506 519 620 627 654  
**Epson** 102 708  
**Erae** 089  
**ESA** 527 569 587 601 618  
632 646 679 694 733 767  
777 829 838 839 841 846  
**Fisher** 590 595 611  
**FlexVision** 020  
**Fujitsu** 041 532 536 602  
603 694  
**Funai** 095 212 228 500  
527 532 541 569 587 618  
640 657 677 679 682 694  
733 756 758 777 781 783  
795 797 798 829 837 838  
839 841 844 846  
**Futuretech** 541 657 682  
694  
**Gateway** 070 071 072  
507 511 535 581 609 710  
721 746 753 763 801  
**GE** 028 214 215 216 270  
920 922 924 950 984 987  
**General Electric** 503  
508 522 528 531 544 564  
627 645 650 654 661 697  
718 719 742 749 776 779  
805 830 831 832 859 863  
864  
**GFM** 249 527 529 559 569  
618 679 694 733 777 829  
838 839 841 846  
**Gibraltar** 501 505 506  
627 711 775 813

**Go Video** 204 696  
**Goldstar** 219 505 506  
523 564 627 653 654 655  
658 702 718 720 761 897  
913 926 997  
**Goodmans** 993  
**GPX** 532  
**Gradiente** 540 996  
**Granada** 627  
**Grand** 627  
**Grundig** 603  
**Grunpy** 532 541 657 682  
**H&B** 132  
**Haier** 190 276 515 571  
693 843  
**Hallmark** 564 627 654  
718  
**Hanns.G** 199  
**Hannspree** 124 125 126  
188 199  
**Harley Davidson** 212  
532 756 928  
**Harman/Kardon** 621  
627 656 674 761 792 818  
897 938  
**Harsper** 084  
**Harvard** 541 657 682 936  
**Havermy** 521 572 739  
740  
**Helios** 901 905  
**Hello Kitty** 528 531 697  
719 832  
**Hewlett Packard** 074  
075 076 146 712 721 911

*Table continued on next page*



# TV Codes, continued

**Hisense** 111 169 241 269  
759

**Hitachi** 123 212 517 523  
547 549 554 555 606 627  
637 638 654 655 658 675  
688 709 756 786 788 789  
790 791 926 927 933 943  
945 953 957 970 984 997  
998

**Howard Computers**  
721

**HP** 074 075 076 146 599  
712 721 911

**Hyundai** 087 103 695  
**I-Inc** 189

**iBUYPOWER** 721

**Ilo** 177 529 559 588 596  
625 668 764

**IMA** 657

**Infinity** 621 656 674 761  
792 818 897

**InFocus** 031 148 252 616

**Initial** 596 625

**Insignia** 082 149 167 169  
181 211 240 272 273 527

533 537 538 539 543 550

553 569 585 618 679 694

698 701 726 728 733 751

766 773 777 809 829 834

838 839 841 846 857 903

**Inteq** 501 711 775 813

**iRIS** 251

**IX** 063

**Janeil** 929

**JBL** 621 656 674 761 792  
818 897

**JC Penney** 503 505 506  
508 516 595 627 631 645

653 654 658 680 830

**JCB** 500 640 652 677 758  
781 783 795 797 798 837  
844

**Jensen** 032 044 106 220  
502 537 627 653 654 842  
912 931

**JVC** 023 164 197 217 508  
517 533 557 570 642 649

655 658 688 713 714 715

726 735 736 737 812 817

834 937 962 967 973

**Kamp** 977

**Kawasho** 627 652 654  
795 961 977 988

**Kaypani** 932

**KDS** 591 669

**KEC** 541 657 682

**Kenwood** 505 506 627  
654 716

**KLH** 227 595 743 744 745  
815

**Kloss** 627 921 929 938

**Kloss Novabeam** 657

**Konka** 011 012 013 019  
510

**Kost** 094 144

**Kreisen** 062 142

**KTV** 506 541 627 655 657  
658 682 702 974 975 978  
985

*Table continued on next page*

# TV Codes, continued

**LG** 002 047 056 080 115  
196 221 501 503 522 545  
553 564 615 627 650 653  
654 693 711 718 720 730  
766 773 775 779 804 805  
809 813 830 831 859

**Linksys** 721

**LiteOn** 074

**Lloyd's** 212 627 756

**Lloytron** 658

**Loewe** 656 761 897 951

**Logik** 675

**Luce** 052 699

**Luxman** 523 627 654 933

**LXI** 028 503 526 564 590

595 611 621 627 631 635

645 650 654 656 674 718

744 749 761 768 771 776

785 792 818 830 863 864

897 955

**M. Wards** 500 505 506

795

**MAG** 591 669

**Magnasonic** 664 756

**Magnavox** 040 081 090

131 151 208 212 506 507 508

517 527 532 536 550 560 563

569 581 609 618 621 625 627

646 654 656 674 679 688 694

710 733 746 747 753 756 761

762 763 767 777 782 792 801

818 827 828 829 838 839 841

846 887 888 891 892 893 894

897 919 921 923 944 976 995

**Magnin** 661

**Majestic** 675

**Marantz** 078 506 560 563

604 608 621 627 654 656

674 747 761 792 818 836

897

**Matsushita** 014 512 577

619 634 685 689 700 729

734 765 780 784 819 820

821 822 823

**Maxent** 033 085 184 193

507 581 609 710 746 753

763 801

**MB Quart** 210

**Media Center** 721

**Media Center PC** 721

**Megapower** 804

**Megatron** 564 627 654

718 914 953

**MEI** 975

**Memorex** 063 171 211

218 219 504 529 532 533

564 590 611 613 627 648

653 654 675 680 684 718

725 726 752 787 799 834

869 876 899

**MGA** 504 505 506 564

613 627 653 654 661 718

725 787 799 959

**Micro** 140

**Microsoft** 721

**Midland** 028 501 508 645

650 655 658 702 711 730

749 775 776 813 863 864

926 950

**Mind** 721

**Mintek** 596 625

*Table continued on next page*

# TV Codes, continued

|  |  |
|--|--|
| <b>Minutz</b> 920  | <b>Niveus Media</b> 721  |
| <b>Mitsubishi</b> 051 058 134<br>150 214 504 505 517 521<br>564 572 613 614 627 653<br>654 688 718 725 739 740<br>787 799 918 946 959 991<br>992 | <b>Noblex</b> 001  |
| <b>Mitsui</b> 769  | <b>Norcent</b> 075 131 157 158<br>243 519 579 759  |
| <b>Monivision</b> 692 804  | <b>Norwood Micro</b> 104 588   |
| <b>Montgomery Ward</b> 675   | <b>Noshi</b> 681   |
| <b>Motorola</b> 050 521 572<br>739 740 835   | <b>Northgate</b> 721   |
| <b>Moxell</b> 050  | <b>Novabeam</b> 627  |
| <b>MTC</b> 505 506 516 523 627<br>653 654 680 930 933 942<br>975 977   | <b>NTC</b> 524 727 778   |
| <b>Multitech</b> 541 657 682<br>930 978  | <b>NuVision</b> 168 248  |
| <b>Multivision</b> 810   | <b>Nyon</b> 627  |
| <b>NAD</b> 057 079 526 564 595<br>627 631 635 637 654 718<br>744 768 771 785 933   | <b>Olevia</b> 077 523 564 566<br>578 580 654 910   |
| <b>Nakamichi</b> 145   | <b>Olympus</b> 121   |
| <b>Naxa</b> 233  | <b>Onwa</b> 541 657 682  |
| <b>NEC</b> 006 066 505 506 517<br>523 604 608 610 627 653<br>654 687 688 731 732 904<br>933 968  | <b>Optimus</b> 014 218 512<br>577 590 611 619 634 637<br>685 689 700 729 734 756<br>765 780 784 819 820 821<br>822 823 869 876 966 |
| <b>Net-TV</b> 033 507 581 586<br>609 710 746 753 763 801   | <b>Optoma</b> 067 174  |
| <b>Nexus Electronics</b> 250   | <b>Optonica</b> 521 572 739<br>740 835 965   |
| <b>Nikkai</b> 613  | <b>Orion</b> 213 532 533 538<br>694 726 748 752 834 899<br>980   |
| <b>Niko</b> 156  | <b>Ovation</b> 024   |
| <b>Nikko</b> 506 524 564 627<br>654 718 727 778  | <b>PARK</b> 242  |

Table continued on next page

# TV Codes, continued

**Panasonic** 014 110 215  
218 508 509 512 576 577  
619 634 644 647 656 685  
689 700 729 734 761 765  
780 784 811 819 820 821  
822 823 860 861 862 867  
868 869 870 871 872 873  
874 875 876 877 878 879  
880 881 882 883 884 885  
886 889 890 895 896 897  
900 964 979

**Panavision** 734 811

**PDI** 142

**Penney** 028 215 219 526  
564 595 627 631 635 645  
650 655 658 661 681 702  
718 720 744 749 768 771  
776 785 863 864 913 914  
920 922 926 949 950 956

**Petters** 534

**Philco** 505 506 527 529  
532 536 559 569 618 621  
627 653 654 655 656 658  
668 674 679 694 733 761  
764 777 792 818 829 838  
839 841 846 897 919 923  
944

**Philips** 017 078 144 209  
226 525 527 548 550 560  
563 621 625 627 655 656  
658 674 747 761 770 782  
792 818 824 825 826 827  
828 839 887 888 891 892  
893 894 897

**Philips Magnavox** 527  
550 761 826 827 828

**Pilot** 505 506 627 655 658  
702

**Pioneer** 057 164 547 561  
576 604 608 627 637 654  
927 966 969

**Planar** 147

**Plasmsync** 610

**Polaroid** 094 096 111  
113 116 117 120 153 195  
227 231 232 236 244 245  
534 537 539 550 588 591  
627 669 670 671 678 743  
744 745 751 766 773 814  
815 901 903 905

**Portland** 505 524 528  
530 531 627 653 654 655  
658 697 702 719 727 778  
832

**Price Club** 680

**Prima** 032 035 044 200  
220 502 653 673 674 842  
912

**Princeton** 021 562 804

**Prism** 508

**Projectiondesign** 191  
192

**Proscan** 028 216 254 503  
506 522 645 650 705 742  
749 776 779 805 830 831  
859 863 864

**Proton** 003 536 564 627  
654 655 658 718 914 925  
932

**Protron** 114 589

*Table continued on next page*

# TV Codes, continued

**Proview** 050 591 669 902

**Proxima** 024 025 026 027

**Pulsar** 501 505 627 711

775 813

**Puneet** 152

**Pvision** 089

**Quasar** 014 215 218 508

512 577 619 634 685 689

700 729 734 765 780 784

819 820 821 822 823 860

861 862 867 868 869 870

871 872 873 874 875 876

877 878 879 880 881 882

883 884 885 886 889 890

895 896 965

**Quanta** 072

**Radio Shack** 028 212

503 505 506 541 564 590

611 627 645 650 682 702

718 749 756 776 830 863

864 926 933 965 997

**Radio Shack/Realistic**

503 590 627 645 654 655

657 658 830

**RCA** 028 198 214 215 216

225 503 505 508 521 522

530 544 547 627 630 636

637 639 641 645 650 651

653 654 661 681 686 690

740 742 749 751 776 779

805 830 831 859 863 864

902 924 927 941 950 983

**Realistic** 503 505 506

541 564 590 611 627 645

682 702 718 830 926 933

965

**RevolutionHD** 162

**Rhapsody** 974 975 977

**Ricavision** 721

**Runco** 006 163 176 501

506 604 608 627 711 775

813

**Sampo** 033 506 507 581

609 627 654 655 658 702

710 746 753 763 801 926

932 947 949

**Samsung** 043 154 505

506 516 523 564 601 627

653 654 655 658 680 684

702 707 717 718 738 755

761 794 833 858 897 926

933 990 999

**Samsux** 655 658 702

**Sansei** 697

**Sansui** 138 171 211 212

527 533 569 622 694 726

733 748 750 752 754 756

834 841 846 865 866 899

908

**Sanyo** 004 038 274 275

517 590 611 621 627 656

661 674 688 761 792 818

840 897 940 948 954

**SBR** 761 897

**Sceptre** 064 086 128 159

279 677

**Schneider** 761 897

**Scimitsu** 505 773

**Scotch** 564 627 654 718

*Table continued on next page*

# TV Codes, continued

**Scott** 182 505 532 541  
564 627 654 655 657 658  
682 718 980

**Sears** 028 212 219 503  
523 526 527 532 558 564  
569 590 595 611 621 627  
631 635 645 650 654 656  
658 674 694 718 733 744  
749 756 761 768 771 776  
785 792 818 830 841 846  
863 864 897 933 954 955  
956 986

**Seimitsu** 627

**Semivox** 682

**Semp** 595 771

**Sharp** 005 214 277 521  
546 556 572 605 627 628  
629 654 655 658 663 702  
739 740 803 835 836 898  
958 960 965 986 995

**Sharper Image** 703

**Sheng Chia** 521 572 739  
740

**Sherwood** 136

**Shogun** 505 627

**Signature** 621 656 674  
675 761 792 818 897

**Signet** 094

**SIM2 Multimedia** 105

**Simpson** 536 976

**Skyworth** 202

**Solavox** 613

**Solarism** 088

**Sole** 132 144 162 238 239  
699

**Sony** 049 201 212 500

513 640 652 677 721 756  
758 781 783 795 796 797  
798 806 837 844 845 917  
939

**Soundesign** 532 536 541  
564 627 654 657 682 718

**Sova** 114 224

**Soyo** 152 189 205 206

**Spectricon** 627 914 952

**Spectroniq** 591 669

**Squareview** 527 569 694  
733 841 846

**SSS** 505 541 627 657 682

**Stack 9** 721

**Starlite** 541 657 682

**Studio Experience** 692

**SunBrite** 139 259

**Superscan** 521 572 583  
646 739 740 741 767 777

**Supra** 523 627

**Supre-Macy** 929

**Supreme** 500 640 652  
677 758 781 783 795 797  
798 807 837 844

**SVA** 008 059 060 515 618  
679 759 777 829 838 839  
901 905

**Sylvania** 095 111 506  
527 529 536 559 567 568  
569 618 621 627 646 654  
656 668 672 674 679 694  
723 724 733 756 761 764  
767 777 792 818 829 838  
839 841 846 888 897 919  
923 934 944

*Table continued on next page*

# TV Codes, continued

|  |  |
|--|--|
| <b>Symphonic</b> 212 527 541<br>569 587 632 646 657 679 682<br>694 733 756 767 841 846   | <b>TMK</b> 523 564 627 654 718<br>933 971  |
| <b>Syntax</b> 077 523 564 566<br>578 580 654 910   | <b>TNCi</b> 501 711 775 813  |
| <b>Syntax-Brilliant</b> 558 564  | <b>Toshiba</b> 014 045 048 054<br>079 108 115 122 127 166<br>516 517 526 590 595 610<br>611 615 617 622 631 635<br>644 666 680 688 721 744<br>750 754 755 768 771 785<br>793 800 802 847 848 849<br>850 851 852 854 855 865<br>866 908 909 956 |
| <b>Systemax</b> 721  | <b>Tosonic</b> 975   |
| <b>Tagar Systems</b> 721   | <b>Totevision</b> 655 658 702  |
| <b>Tandy</b> 521 572 739 740<br>835  | <b>Touch</b> 721   |
| <b>Tashiko</b> 009   | <b>Toyomenko</b> 627   |
| <b>Tatung</b> 076 100 101 129<br>511 535 588 914 930   | <b>Trical</b> 960  |
| <b>Teac</b> 586  | <b>Trutech</b> 237 584   |
| <b>Technics</b> 508 512 577<br>619 634 685 689 700 729<br>734 765 780 784 819 820<br>821 822 823   | <b>TVS</b> 533 726 834   |
| <b>Technol ACE</b> 532   | <b>Ultra</b> 589   |
| <b>Techview</b> 055 234 590  | <b>Universal</b> 922   |
| <b>Techwood</b> 508 523 627<br>654 914 933   | <b>US Logic</b> 588  |
| <b>Teco</b> 704  | <b>UTI Technology</b> 253  |
| <b>Teknika</b> 504 505 512 516<br>523 524 532 536 541 613<br>621 627 644 653 654 655<br>656 657 658 674 675 680<br>682 685 702 725 727 761<br>778 787 792 799 818 897<br>933 989 | <b>V Inc.</b> 562 575  |
| <b>Telecaption</b> 688   | <b>Vector Research</b> 506<br>627  |
| <b>Telefunken</b> 738 794 933  | <b>Venturer</b> 207  |
| <b>Telemagic</b> 025   | <b>VEOS</b> 558  |
| <b>Tera</b> 925  | <b>Victor</b> 557 735 736 737  |
| <b>Thomas</b> 212 627 756  | <b>Video Concepts</b> 946  |
| <b>Thomson</b> 010   | <b>Vidikron</b> 163 164 604<br>608 621 656 674 761 792<br>818 897 981  |
|  | <b>Vidtech</b> 505 517 564 627<br>653 654 688 718  |

Table continued on next page

# TV Codes, continued

**Viewsonic** 118 121 155

187 235 507 551 562 575

579 581 582 583 600 606

609 620 710 721 741 746

753 760 763 789 796 801

**Viking** 929 989

**Viore** 177 203 242 683

907

**Visart** 119

**Vistron** 246

**Vizio** 511 535 551 562

575 583 593 598 741 773

**Voodoo** 721

**Wards** 057 079 501 503

508 516 526 532 536 541

564 590 595 611 621 627

631 635 640 641 645 653

654 656 657 674 675 677

681 682 711 718 749 758

761 768 775 776 781 783

785 792 797 798 813 818

830 837 844 863 864 897

919 920 921 922 923 924

933 939 944 965 976

**Waycon** 526 595 631 635

768 785

**Westinghouse** 068 097

107 183 278 528 531 551

562 574 575 652 697 719

795 797 798 809 832 856

**White Westinghouse**

528 530 533 726 816 832

834

**WinBook** 133

**Wyse** 131

**Xoceco** 141

**Yamaha** 505 506 606 627

653 654 789

**York** 627

**Zenith** 212 500 501 506

524 530 533 553 555 564

615 627 638 640 645 675

677 711 718 720 726 727

748 749 752 756 758 766

773 775 776 778 781 783

795 797 798 809 813 834

837 844 853 863 864 899

**Zonda** 804 914

**ZT Group** 721



# Troubleshooting

Use this information if you have a problem using the remote. To solve a particular problem, do the following:

- Find the information that relates to the problem you are experiencing. Try the suggested solution for that problem.
- Make sure your remote control has fresh batteries. If you see the Remote Battery Low warning on your TV screen, it is time to change the batteries. Follow the instructions on page 3.
- Make sure you have a direct line of sight between the remote and the receiver.
- Visit [www.dishnetwork.com](http://www.dishnetwork.com).

## **While performing a remote control procedure, the remote control stops working.**

**What to do:** Start over again. If you don't press a button for 20-30 seconds in a programming sequence, the remote shuts off its programming function.

## **When you press a button on the remote control, the equipment doesn't do what you expect.**

**What to do:** Point the remote control directly at the TV, with no objects blocking the signal path. The remote control uses IR signals to control the receiver. IR signals travel less than 40 feet, and cannot go through walls or other solid objects.

If the batteries are missing or dead, replace them with fresh AA-size batteries (see page 3). If the remote has fresh batteries, check whether you put them in correctly. If you didn't, take them out and put them in the right way.

# Troubleshooting, continued

**When you try to enter TV programming mode, the red light comes on and blinks eight times when TV POWER is released.**

**What to do:** Replace the batteries (see page 3).

**Your remote control does not work well.**

**What to do:** Move your receiver to different locations. For best results, place the receiver as high as possible, above all other equipment in your entertainment center. There may be IR interference from objects near the receiver.

**Your picture is fuzzy (or black or blue).**

**What to do:** Make sure your TV is tuned to the correct channel. You may have accidentally changed the channel on your TV. Check the Reference Table on page 29 to see what channel your TV is tuned to.

**Your remote control isn't working.**

**What to do:** Make sure you are using the correct remote control.

Change the batteries as described on page 3. Your batteries may be worn out.

**When you press the remote control MUTE or VOLUME button, nothing happens.**

**What to do:** Program the remote to control your TV. See *Programming Remote to Control TV*.

# Limited Warranty



This *Limited Warranty* is a legal document. Keep it in a safe place. Remember to keep your Sales Receipt for warranty service. We will consider any items you return without a copy of the *Proof of Purchase* to be out of warranty.

This warranty extends only to the original user ("you," "your") of the DISH Network remote control and is *limited* to the purchase price of the remote control. EchoStar Technologies L.L.C., formerly known as EchoStar Technologies Corporation, and its affiliated companies ("we," "our," "us") warrant this remote control against defects in materials or workmanship as follows.

For one year from the original date of purchase, if we find the remote control is defective subject to the limits of this warranty, we will replace the remote at no charge for parts or labor. We warrant any such work done against defects in materials or workmanship for the remaining part of the original warranty period.

This warranty does *not cover* installation of the DISH Network System; consumer instruction; physical set up or adjustment of any consumer electronic equipment; remote control batteries; signal reception problems; loss of use of the equipment; unused programming charges due to equipment malfunction; cosmetic damage; damage due to lightning, electrical or telephone line surges, fire, flood, or other acts of Nature; accident; misuse; abuse; repair or alteration by other than our factory service; negligence; commercial or institutional use; improper or neglected maintenance; equipment sold AS IS or WITH ALL FAULTS; equipment removal or reinstallation; shipping damage if the equipment was not packed and shipped in the manner we prescribe; nor equipment purchased, serviced, or operated outside the contiguous United States of America.

REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY. WE SHALL NOT BE HELD LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESSED OR IMPLIED WARRANTY ON THIS DEVICE, NOR FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE RESULTING FROM THE USE OF, OR INABILITY TO USE, THIS DEVICE. UNDER NO CIRCUMSTANCES SHALL OUR LIABILITY, IF ANY, EXCEED THE PURCHASE PRICE PAID FOR THIS DEVICE. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS DEVICE IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY. WE RESERVE THE RIGHT TO REFUSE TO HONOR THIS WARRANTY IF WE DETERMINE ANY OF THE ABOVE EXCEPTIONS TO HAVE CAUSED THIS DEVICE NOT TO HAVE PERFORMED PROPERLY. THIS WARRANTY SHALL BE VOID IF ANY FACTORY-APPLIED IDENTIFICATION MARK, INCLUDING BUT NOT LIMITED TO SERIAL OR CONDITIONAL ACCESS NUMBERS, HAS BEEN ALTERED OR REMOVED. THIS WARRANTY SHALL ALSO BE VOID IF THE DEVICE HAS BEEN OPENED BY AN UNAUTHORIZED PERSON (with the exception of opening the battery cover).

This warranty gives you specific legal rights which may vary from state to state. Some states do not allow the exclusion or limitations of incidental or consequential damages, or allow limitations on the duration of an implied warranty, so those limitations may not apply to you.

# Accessory Warranty

An accessory is any DISH Network branded equipment, displaying the DISH Network logo, excluding the receiver, Smart Card, cables and hookups, and non-mechanical components. A one-year warranty becomes effective upon the activation of the DISH system or date of purchase, if bought separately. If an accessory has an expired warranty, you may purchase a replacement from DISH Network or your local retailer.

# If You Need Help

1. Review this *User Guide*.
2. See *Troubleshooting* on page 23.
3. Visit [www.dishnetwork.com/chat](http://www.dishnetwork.com/chat) for 24/7 support.
4. Call the Customer Service Center at 1-800-894-9131.

# Regulatory Factors

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference,  
and
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications to this device may void your authority to operate this equipment.

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 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 following one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

# Reference Table

Write down your channel numbers/inputs and TV codes as you program them for future reference.



Channel or Input for  
Satellite Programming



TV Code

For all your customer needs,  
go to [www.dishnetwork.com/chat](http://www.dishnetwork.com/chat) or  
call the Customer Service center at  
**1-800-894-9131**

