

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.

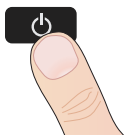
3



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.

[illegible]

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



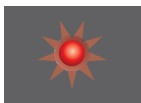
Press and hold TV POWER until red light comes on. Release TV POWER. Red light blinks.

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.

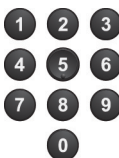
3

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.

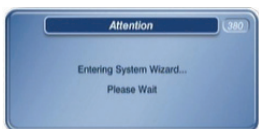
- 1**  Press and hold TV POWER until red light comes on. Release TV POWER.
- 2**  Press and release RECALL.
- 3**  Enter 000.
- 4**  Press and release OK.

Using System Wizard

Note: System Wizard only works with some receivers.

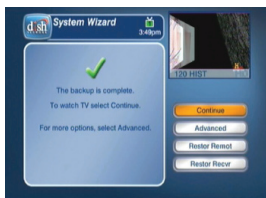
Use System Wizard to store/restore your remote settings. If your batteries are low, replace them before beginning.

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

Minutz 920

Mitsubishi 051 058 134

150 214 504 505 517 521

564 572 613 614 627 653

654 688 718 725 739 740

787 799 918 946 959 991

992

Mitsui 769

Monivision 692 804

Montgomery Ward 675

Motorola 050 521 572

739 740 835

Moxell 050

MTC 505 506 516 523 627

653 654 680 930 933 942

975 977

Multitech 541 657 682

930 978

Multivision 810

NAD 057 079 526 564 595

627 631 635 637 654 718

744 768 771 785 933

Nakamichi 145

Naxa 233

NEC 006 066 505 506 517

523 604 608 610 627 653

654 687 688 731 732 904

933 968

Net-TV 033 507 581 586

609 710 746 753 763 801

Nexus Electronics 250

Nikkai 613

Niko 156

Nikko 506 524 564 627

654 718 727 778

Niveus Media 721

Noblex 001

Norcent 075 131 157 158

243 519 579 759

Norwood Micro 104 588

Noshi 681

Northgate 721

Novabeam 627

NTC 524 727 778

NuVision 168 248

Nyon 627

Olevia 077 523 564 566

578 580 654 910

Olympus 121

Onwa 541 657 682

Optimus 014 218 512

577 590 611 619 634 637

685 689 700 729 734 756

765 780 784 819 820 821

822 823 869 876 966

Optoma 067 174

Optonica 521 572 739

740 835 965

Orion 213 532 533 538

694 726 748 752 834 899

980

Ovation 024

PARK 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

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TV Codes, continued

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

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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.

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 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 or
call the Customer Service center at
1-800-894-9131

