

zenith



REMOTE MANUAL

Product Type: Universal IR Remote
Model Line: ZEN100-700 (all)
Product Year: 1999/2000
Manual Part #: Electronic Version Only

NOTE: This manual was designed to help you program your Zenith Remote Control. If you need the complete Operating Guide for your Zenith Product, please contact Zenith National Parts Sales at 888-3-ZENITH (888-393-6484, Mon-Fri 7-8 CST, Sat 8-5 CST).

Models:

ALL ZEN
Model Remotes

ZEN100
ZEN300
ZEN350
ZEN400
ZEN425
ZEN450
ZEN525
ZEN700
ZEN725
ZENDTV

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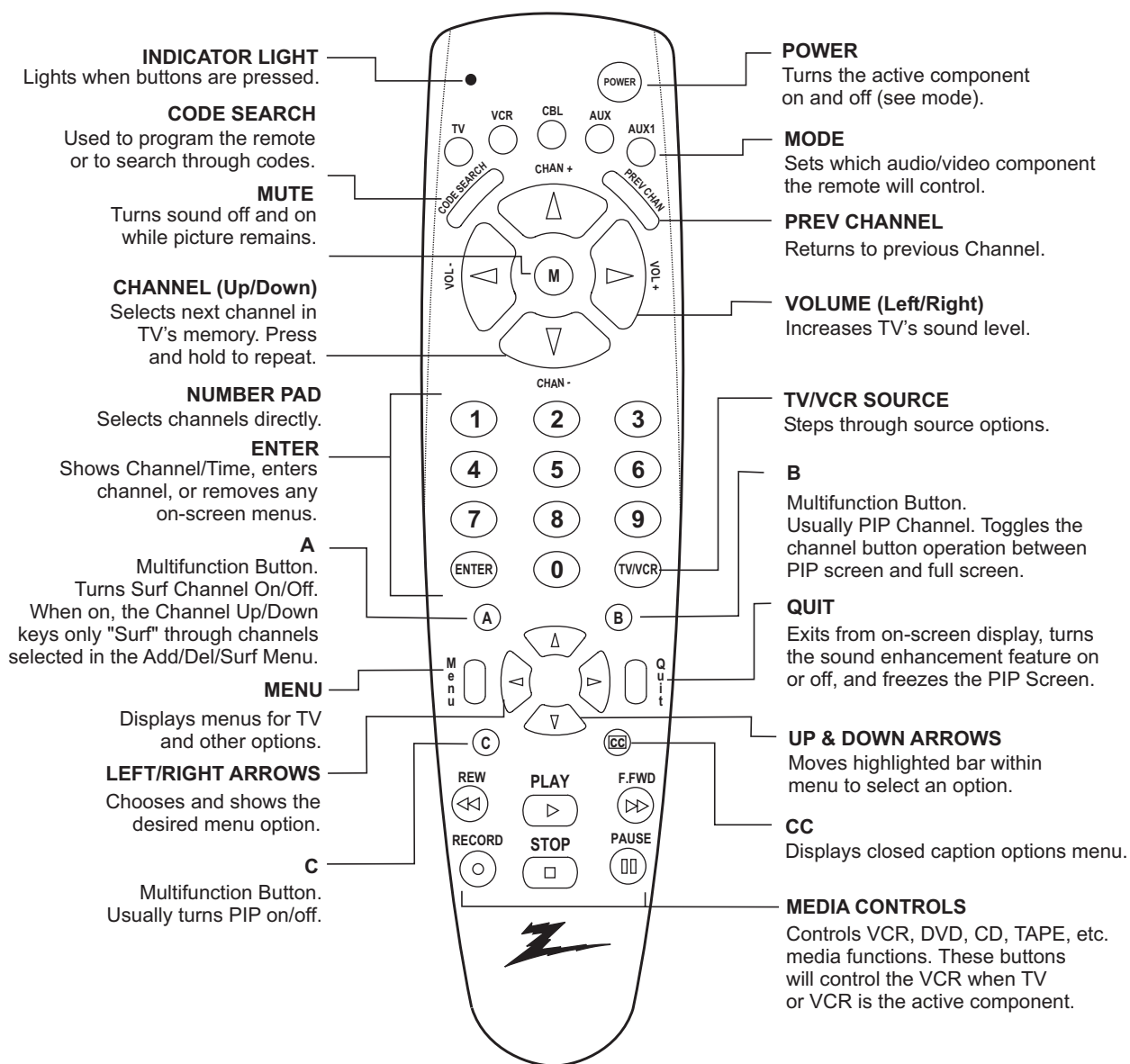
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ZEN UNIVERSAL REMOTE CONTROL

NOTE: Your ZEN model remote may not look exactly like the one below, but all functions for the ZEN models are similar. The descriptions below refer to using the remote with Zenith products, non-Zenith products may behave differently.



ZEN UNIVERSAL REMOTE

ZEN REMOTE PROGRAMMING

BATTERY INSTALLATION

Your Universal Remote requires two AAA alkaline batteries. To install the batteries:

1. On the back of the remote, push down on the tab and lift the cover off.
2. Match the batteries to the + and - marks inside the battery case, then insert the batteries.
3. Press the battery cover back into place.

BATTERY SAVER

Your Zenith remote will automatically “time-out” if the keys are depressed more than two minutes. This will save your batteries should your remote get stuck in a place where the keys remain depressed (e.g., between the sofa cushions).

CODE SAVER

You will have no more than 90 seconds to change the batteries in your remote without losing codes you have programmed. However, do not press any buttons until batteries are secured in the remote. If buttons are pressed without batteries in the remote, all codes will be lost.

GLOW KEYS

Glow Keys must be exposed to light in order for the keys to glow in the dark. The longer the exposure to light, the longer they will glow. Do not place in Direct Sunlight. Natural day light or light from a Filament lamp or fluorescent Lamp is sufficient to recharge the glow material.

BUTTON FUNCTIONS

Some buttons on the remote control might have functions that are referred to by different names on your product. For example, “Prev Ch” may be the same as “RECALL” on your remote. Differences depend on the brand and model of your product. Also, this remote can only operate features that exist on your product. For example, your product must be equipped with “Prev Ch” ability for the “Prev Ch” button to operate this feature.

Note: The REC button must be pressed TWICE to record from your VCR. For Zenith brand VCRs, press the REC button once, then press it again for three seconds.

PROGRAMMING TVS

NOTE: If your remote doesn't have a CODE SEARCH button (ZEN300 for example), use the Remotes With No Code Search instructions at the end of this section.

1. Manually turn on the TV.
2. Press and hold the CODE SEARCH button until the Indicator Light lights, then release the CODE SEARCH button.
3. Press and release the TV button (the Indicator Light will blink and then remain lit).
4. Find the three digit code for your TV in the code list in this booklet and enter it using the Number Buttons. After your code is entered, the Indicator will turn off.

Note: If the LED blinked rapidly when you entered the code, you may have entered an invalid code. Recheck the code list and try again.

5. Now check to see if the correct code was entered. With your TV on, press some of the buttons. If the TV responds correctly to each of the buttons, no further programming is required.

Note: If some buttons do not operate your equipment, try one of the other codes or our brand.

6. Write down the code for future reference.

PROGRAMMING VCRS

1. Manually turn on the VCR.
2. Press and hold the CODE SEARCH button until the Indicator Light lights, then release the CODE SEARCH button.
3. Press and release the VCR button (the Indicator Light will blink and then remain lit).
4. Find the three digit code for your VCR in the code list and enter it using the Number Buttons. After your code is entered, the Indicator will turn off.

Note: If the LED blinked rapidly when you entered the code, you may have entered an invalid code. Recheck the code list and try again.

5. Now check to see if the correct code was entered. With your TV on, press some of the buttons. If the VCR responds correctly to each of the buttons, no further programming is required.

Note: If some buttons do not operate your equipment, try one of the other codes for your brand.

6. Write down the code for future reference.

Note: The REC button must be pressed TWICE to record from your VCR. For Zenith brand VCRs, press the REC button once, then press it again for three seconds.

ZEN REMOTE PROGRAMMING

PROGRAMMING CABLE BOXES

1. Manually turn on the Cable Box.
2. Press and hold the CODE SEARCH button until the Indicator Light lights, then release the CODE SEARCH button.
3. Press and release the CBL button (the Indicator Light will blink and then remain lit).
4. Find the three digit code for your Cable box in the code list and enter it using the Number Buttons. After your code is entered, the Indicator will turn off.

Note: If the LED blinked rapidly when you entered the code, you may have entered an invalid code. Recheck the code list and try again.

5. Now check to see if the correct code was entered. With your TV and Cable Box on, press some of the buttons. If the Cable Box responds correctly to each of the buttons, no further programming is required.

Note: If some buttons do not operate your equipment, try one of the other codes or our brand.

6. Write down the code for future reference.

PROGRAMMING AUX DEVICES

Aux buttons allow you program a CD, second TV, satellite system or second VCR.

1. Manually turn on the device you wish to program.
2. Press and hold the CODE SEARCH button until the Indicator Light lights, then release the CODE SEARCH button.
3. Press and release the AUX button (the Indicator Light will blink and then remain lit).
4. Find the three digit code for your device in the code list and enter it using the Number Buttons. After your code is entered, the Indicator will turn off.

Note: If the LED blinked rapidly when you entered the code, you may have entered an invalid code. Recheck the code list and try again.

5. Now check to see if the correct code was entered. With your device on, press some of the buttons. If the device responds correctly to each of the buttons, no further programming is required.

Note: If some buttons do not operate your equipment, try one of the other codes or our brand.

6. Write down the code for future reference.
7. Repeat these steps for the other AUX buttons.

PROGRAMMING WITH CODE SEARCH

If your code for your TV, VCR, Cable Box, Satellite, Home Control, or CD Player is not listed, try the following procedure to find the code for your device.

1. Manually turn on the device you wish to program.
2. Press and hold the CODE SEARCH button until the Indicator Light turns on, then release the CODE SEARCH button.
3. Press TV, VCR, CBL, or AUX (depending on which device you wish to program). The Indicator Light will blink again then remain lit.
4. Cycle through the codes by pressing and releasing the POWER button. Keep pressing POWER until the device shuts off, this may take up to 300 tries. (If skip over a code, press CHANNEL DOWN to back up)
5. Press MUTE to complete setup.
6. Now read below to learn how to identify your code number for future use.

CODE IDENTIFICATION

1. Press and hold CODE SEARCH until Indicator Light turns on. Release CODE SEARCH button.
2. Press and release desired Mode button (TV, VCR, CBL, or AUX). Indicator Light will blink once to indicate key-press acceptance.
3. Press and release the CODE SEARCH button. Indicator Light will blink off to indicate key-press acceptance.
4. To find the first digit, press the numeric keys from 0 to 9. When the Indicator Light blinks off and on once, that number is the first stored digit. Repeat to find the second digit.
5. To find the third digit, repeat step four. This time the Indicator Light will remain off once the key corresponding to the third digit is pressed.
6. Write down the code for future reference.

ZEN REMOTE PROGRAMMING

REMOTES WITH NO CODE SEARCH BUTTON

The ZEN300 model remote has no CODE SEARCH button. Follow the instructions below to program it.

1. Manually turn on the device you wish to program.
2. Press and hold a mode button (TV, VCR, or CBL) until the Indicator Light lights, then release the mode button.
4. Find the three digit code for your Cable box in the code list and enter it using the REW, PLAY, and F.F. buttons.

Examples: If the code is 123, press the REW button once for 1, press PLAY twice for 2, and then press F.F. three times for 3. If the number is 0, then skip that button. If the code is 013, do *not* press the REW button, press PLAY once for 1, and press F.F. three times for 3.

5. After your code is entered, the Indicator Light will turn off. Press MUTE to save the code.
6. Write down the code for future reference.

If your code for your device is not listed, try the following procedure to find the code for your device:

1. Manually turn on the device you wish to program.
2. Press and hold the desired mode button until the Indicator Light turns on, then release the mode button.
3. Press POWER to initiate the search
4. Cycle through the codes by pressing and releasing the CHAN + button (Up Arrow). Keep pressing CHAN + until the device responds (this may take up to 300 tries). If skip over a code, press CHANNEL DOWN to back up.
5. Press MUTE to complete setup.
6. Now read below to learn how to identify your code number for future use.

To identify the code assigned to a mode button, follow the procedure below:

1. Press and hold a mode button (TV, VCR, or CBL) until the Indicator Light lights, then release the mode button.
2. Press and release the mode button again. The indicator light should remain on.
3. Press the REW button for the first digit of the code. The Indicator Light will flash on and off a number of times. Count how many times the light flashes. That number is the first digit of the code. Repeat this process for the second and third digits using the PLAY and F.F. buttons respectively.
4. Write down the code for future reference.

ZEN REMOTE CODES

VCR					
ADMIRAL	731	HI-O	933	DUARTER	732
ADVENTURA	234, 831	INSTANT REPLAY	637	QUARTZ	732
AIKO	334	INTEO	033	QUASAR	143, 144, 637
AIWA	234, 831	JCL	637	RCA	040, 137, 140, 143, 144, 237, 240, 340, 342, 440, 540, 631, 637, 640, 643, 743, 839, 931, 932, 939
AKAI	32, 132, 232, 432, 534, 742, 842, 931	JC PENNEY	033, 137, 237, 342, 532, 632, 637, 732, 932, 143, 443, 742	RADIOSHACK	
ALLEGRO	042, 433, 833	JENSEN	742	/REALISTIC	033, 139, 143, 234, 245, 345, 445, 534, 536, 542, 631, 636, 637, 731, 732, 831, 842, 932, 933
AMERICAN HIGH	637	JVC	532, 545, 632, 645, 732, 742, 833, 943	RICOH	444
ASHA	932	KENWOOD	233, 532, 632, 732, 742, 943	RUNCO	042
AUDIO DYNAMICS	532, 632	KLH	737, 744	SAMSUNG	045, 132, 133, 842, 932, 934, 936
AUDIOVOX	033	KODAK	033, 637	SANSUI	135, 140, 632, 742, 943
BELL & HOWELL	732	LLOYD	234, 831	SANYO	732, 932, 933
BEAUMARK	932	LOGIK	737	SCOTT	133, 134, 138, 243, 435, 832, 834, 940
BROKSONIC	134, 140, 832	LXI	033, 831	SEARS	033, 137, 237, 342, 436, 443, 536, 636, 637, 732, 837, 933
CALIX	033	MAGNAVOX	042, 044, 443, 637, 837, 937	SHARP	139, 333, 534, 731, 831
CANDLE	033, 133, 233, 333, 532, 533, 932	MARANTZ	038, 043, 233, 532, 632, 637, 732, 837	SHINTOM	032, 237, 44, 737, 844
CANON	043, 443, 637	MASUSHITA	637	SHOGUN	932
CAPEHART	042, 642	MEI	637	SIGNATURE	831
CARVER	837	MEMOREX	033, 042, 234, 637, 731, 732, 831, 842, 932, 933, 935	SINGER	637, 737
CCE	334, 737	MGA	138, 534	SONY	032, 444, 541, 543
CITIZEN	033, 133, 233, 333, 334, 532, 533, 932	MGN TECHNOLOGY	932	STS	342, 637
COLORTYME	532	MIDLAND	936	SYLVANIA	044, 138, 143, 234, 637, 831, 837, 937
CRAIG	033, 737, 932, 933	MINOLTA	137, 237, 342	SYMPHONIC	234, 831
CURTIS-MATHES	034, 143, 233, 532, 631, 637, 831, 932	MITSUBISHI	039, 137, 138, 237, 238, 438, 534, 538, 638, 738, 835, 938, 943	TANDY	732, 831
DAEWOO	033, 133, 134, 234, 334, 434, 533, 642	MONTGOMERY		TASHIKO	033
DAYTRON	642	WARD	139, 731	TATUNG	742
DBX	532, 632	MOTOROLA	637, 731	TEAC	140, 234, 742, 831
DYNATECH	234, 831	MTC	234, 831, 932	TECHNICS	542, 637
ELECTROHOME	033, 534	MULTITECH	234, 737, 831, 932, 936	TEKNIKA	033, 234, 544, 637, 641, 831
ELECTROPHONIC	033	NEC	038, 233, 239, 339, 439, 532, 539, 632, 732, 742, 943	TOSHIBA	133, 137, 138, 243, 536, 837, 940
EMERSON	033, 034, 035, 036, 133, 134, 135, 136, 138, 142, 232, 234, 235, 243, 335, 336, 435, 534, 535, 535, 634, 635, 637, 734, 735, 831, 832, 834, 835, 934, 935	NIKKO	033	TOTEVSION	033, 932
FISHER	436, 532, 536, 636, 732, 836, 837, 933	OLYMPUS	637	TMK	034, 336, 932
FUJI	032, 637	OPTIMUS	033, 245, 345, 542, 731	UNITECH	932
FUNAI	234, 831	OPTONICA	045, 139	VECTOR RESEARCH	133, 233, 532, 632
GARRARD	234	PANASONIC	143, 144, 244, 344, 542, 637	VICTOR	632
GE	143, 631, 637, 643, 932, 936	PENTAX	137, 233, 237, 342, 532, 643	VIDEO CONCEPTS	133, 233, 532, 534, 632
GOLDSTAR	033, 037, 042, 532, 743	PHILCO	143, 637, 837, 937	VIDEOSONIC	932
GRADIENTE	234	PHILIPS	044, 139, 637, 837	WARDS	033, 133, 137, 139, 234, 237, 243, 342, 534, 637, 731, 737, 741, 831, 932, 933
HARLEY DAVIDSON	234	PILOT	033	XR-1000	234, 637, 737, 831
HARMAN KARDON	438, 532	PIONEER	137, 632, 639, 739, 943	YAMAHA	532, 632, 732, 742
HARWOOD	737	PORTLAND	033, 233, 533, 642	ZENITH	032, 033, 042, 140, 334, 433, 444, 543, 831, 833, 943
HEADQUARTER	732	PROSCAN	631		
HITACHI	137, 237, 337, 342, 643, 742, 831, 843	PROTEC	737		
		PULSAR	042		

ZEN REMOTE CODES

Cable Boxes					
ABC	052, 152, 252, 352, 751, 851, 951	JERROLD	052, 054, 152, 258, 352, 453, 556, 557, 656, 657, 751, 951	SIGNATURE	951
ALLEGRO	058, 158, 752	MAGNAVOX	154	SPRUCER	651
AMERECAST	358	MEMOREX	254	STANDARD COMPONENTS	555
ANTRONIX	452, 552	MOVIE TIME	354, 851	STARCOM	352, 453, 751
ARCHER	452, 552, 652, 752	NSC	354, 851	STARGATE	053, 453
CABLETENNA	452	OAK	253, 554, 851	STARQUEST	453
CABLEVIEW	452	PANASONIC	456, 756, 651	STAR TRAK	257
CENTURY	752	PARAGON	254	TANDY	655
CITIZEN	752	PHILIPS	154, 553, 654, 752, 754, 852, 854, 952	TELEVIEW	053
COLOUR VOICE	852, 952	PIONEER	055, 954	TEXSCAN	555
COMTRONICS	053, 153	PULSAR	254	TOCOM	052, 657, 755
CONTEC	253	RADIO SHACK	156, 752	TOSHIBA	254
EASTERN	353	RCA	356, 651	TUSA	453
GARRARD	752	REALISTIC	552	TV86	354
GC ELECTRONICS	552	REGAL	853	UNIKA	452, 552, 752
GEMINI	453, 553	REGENCY	353	UNITED ARTISTS	853
GENERAL INSTRUMENT	054, 152, 258, 657, 751, 951	REMBRANDT	951	UNITED CABLE	751
HAMLIN	653, 753, 853	RUNCO	254	UNIVERSAL	058, 452, 552, 652, 752, 855
HITACHI	951	SAMSUNG	053	VIDEOWAY	056
HYTEK	851	SCIENTIFIC ATLANTA	057, 252, 255, 355, 455, 457, 657, 956	VIEWSTAR	153, 154, 354, 655
JASCO	752	SIGNAL	053, 453	ZENITH	254, 357, 454, 457, 557, 657, 757, 857, 955, 957

NOTE: Codes listed below are only for ZEN400 series or higher remotes.

TV/VCR Combo					
ADVENTURA	117, 831	LXI	117, 831	SYMPHONIC	117, 831
BROKSONIC	215, 140	MAGNAVOX	113, 633, 807, 837	XR-1000	117, 831
DAEWOO	505, 334	PANASONIC	618, 542	ZENITH	033, 117, 140, 215, 713, 831, 916, 942
EMERSON	205, 735, 316, 134	RCA	113, 633		
FUNAI	117, 831	RS	618, 542		
GOLDSTAR	713, 942, 916, 033	SAMSUNG	908, 944		
HITACHI	117, 831	SANSUI	215, 140		
		SHARP	113, 633		
		SYLVANIA	117, 831		

CD Players					
ADC	681	KRELL	983	REALISTIC	987
AIWA	881, 981	KYOCERA	282		382, 385, 483, 582, 584, 585, 781, 882, 982
AKAI	187, 389	LUXMAN	284, 384, 588, 489	ROTEL	282
AUDIO ALCHEMY	82	LXI	393, 882	SAE	282
AUDIO TECHNICA	590	MAGNAVOX	282, 695, 788	SAMSUNG	789
BSR	82	MARANTZ	282, 484, 584, 888	SANSUI	086, 089, 282, 882, 987
CALIFORNIA AUDIO LABS	287	MCS	393, 684	SANYO	186, 189, 382, 487, 889
CAPETRONIC	582	MGA	784	SCOTT	781, 882, 982
CARRERA	82	MISSION	282	SEARS	084, 393, 584, 882
CARVER	282, 382, 482	MISSION	282	SHARP	084, 584
CURTIS MATHES	393	MISSION	282	SHERWOOD	286, 485, 584, 783
DENON	682, 782	MISSION	282	SHURE	684
EMERSON	783, 882, 982	MISSION	282	SONY	095, 386, 486, 894
FISHER	083, 183, 283, 382, 383, 487	MISSION	282	STS	681
GE	188	MISSION	282	SYLVANIA	282
GENEXXA	483, 587, 882, 982	MISSION	282	SYMPHONIC	586
GOLDSTAR	683, 687, 688	MISSION	282	TEAC	283, 584, 585, 586, 686, 786
HARMON KARDON	683, 784	MISSION	282	TECHNICS	287, 289, 697, 988
HITACHI	483	MISSION	282	THETA DIGITAL	788
INKEL	783	MISSION	282	TOSHIBA	787
JC PENNEY	393, 684	MISSION	282	VECTOR RESEARCH	082, 583
JVC	883, 996	MISSION	282	VICTOR	883
KENWOOD	083, 084, 184, 388, 488,	MISSION	282	YAMAHA	088, 590, 886, 986
		MISSION	282	ZENITH	094, 283, 591, 688, 989

ZEN REMOTE CODES

NOTE: Codes listed below are only for ZEN500 series or higher remotes.

Satellite					
AMPLICA	163	HITACHI DSS	766, 867	SONY DSS	966
BIROVIEW	263	HUGHES SATELLITE	667	STAR SIGHT	667
CHANNEL MASTER	363, 463, 563	JANEIL	265	STAR TRAK	466
CHAPPARAL	661, 663, 761	JERROLD	365	STS	462, 562, 662, 762
CHEYENNE	761	KENWOOD	465	SUPER GUIDE	566
DISH NETWORK	467	LUXOR	565	TOSHIBA	862
DRAKE	063, 164, 264, 364, 861, 961	MACOM STATE	665	TOSHIBA DSS	067, 167, 767
DX ANTENNA	462, 863	MAGNAVOX DSS	568	UNIDEN	766, 962
ECHOSPHERE	467	NORSTAT	765, 865	UNIDEN DSS	967
ECHOSTAR	464, 467, 564, 664	PANASONIC DSS	267, 567	VIDEO CIPHER II	764
FUJITSU	764, 864	PRIMESTAR	367	ZENITH	063, 68, 168, 364, 861
GENERAL		RCA DSS	268, 368, 866		
INSTRUMENTS	062, 262, 510, 964	REALISTIC	066, 362, 965		
		SCIENTIFIC ATLANTA	366		
		SIERRA I, II, III	761		

Home Control	
GE HOMEMINDER	200
HOME AUTOMATION	100
X-10 (nec)	000

NOTE: Codes listed below are only for ZEN700 series or higher remotes.

Amplifier, Tuner, Tape Players					
CARVER	198	OPTIMUS	091, 382, 390, 490, 590, 690, 790, 890, 994	SONY	395, 495, 595
DENON	397, 995	PANASONIC	197, 696, 794	TEAC	396, 686, 794
FISHER	097, 797	PHILIPS	097, 098, 198, 295, 997	TECHNICS	197, 696, 794, 997
GOLDSTAR	688	PIONEER	091, 790, 890, 994	VENTURER	190
JVC	579, 694, 996	RCA	195, 387, 793	YAMAHA	795, 895
HARMON/KARDON	096, 497	REALISTIC	897	ZENITH	094, 097, 192, 283, 591, 688, 989
KENWOOD	084, 297, 496, 983	SANYO	186		
MAGNAVOX	097, 295	SCOTT	492		
MARANTZ	098, 484	SHARP	084, 596		
ONKYO	196, 796, 896	SHERWOOD	286, 288, 296		

DVD				Laser Disc	
DENON	376	PROSCAN	676	DENON	639
MAGNAVOX	176	RCA	676	PIONEER	639
MARANTZ	176	SONY	276	PROSCAN	939
MITSUBISHI	576	TOSHIBA	176	RCA	939
PANASONIC	376, 476	ZENITH	176	SANYO	332
PHILIPS	176	ZENITH DIVX	876	SONY	441
PIONEER	776			ZENITH	332

For free programming assistance, call the
Zenith Remote Hotline:
1-800-575-6637

For Customer Service on Zenith
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