

Save Code list for future reference Refer to the setup procedure below and look up the 3 digit code for your brand of TV, VCR, etc., from the list below. Refer to the Owner’s Manual for your remote for more information.

Direct Code Entry

- Press and hold the **CODE SEARCH** button until the red indicator stays on, then release the **CODE SEARCH** button.
- Press and release the desired Mode button (**TV, VCR, etc.**). The red indicator blinks, then stays lit.
- Enter the 3 digit code from the code tables. Note: after a valid code entry, the red indicator turns off. For an invalid code, the red indicator flashes.
- With your device on, press **CHANNEL UP**. If the device responds, no further programming is required. Note: If some buttons do not operate your device, try one of the other codes for your brand.

Code Search (by Brand)

Lets you search for a code for a specific Brand within the Code Library for a particular manufacturer.

- Turn on the device (TV, VCR, etc.) to be controlled.
- Press and hold the **CODE SEARCH** button until the red indicator remains on, then release the **CODE SEARCH** button.
- Press and release the desired Mode button (**TV, VCR, etc.**). The red indicator blinks off once.
- Press and release the numeric button (0-9) corresponding to desired Manufacturer. (See table below). Note, pressing "0" performs a full library search same as Device Library Code Search Method.
- Press the **CHANNEL UP** button (or **POWER** or **PLAY** (VCR only)) repeatedly until the device to be controlled changes channel.
- Press and release **MUTE** to install the code.

Note, when all codes under a Brand have been searched the red indicator flashes rapidly for 3 seconds.

Code Search (by Device)

If after trying "Direct Code Entry" or "Code Search (by Brand)" your device does not respond, or if your brand is not listed, try doing a device search of the code library for your code by following the steps below.

- Manually turn on the device (TV, VCR, etc.) to be controlled.
- Press and hold the **CODE SEARCH** button until the red indicator stays on, then release the **CODE SEARCH** button.
- Press and release the desired Mode button (**TV, VCR, etc.**). The red indicator blinks, then stays lit.
- Press the **CHANNEL UP** button repeatedly (up to 300 times) until the device to be controlled changes channel. The red indicator blinks, then stays lit.
- Press and release **MUTE** to install the code.

Most users will want to store VCR codes under the **VCR** button, Cable codes under **Cable**, etc. If you want to store a VCR code under **Cable**, etc. if your first follow the procedure for Direct Code Entry and press **Cable** in step 2 of Direct Code Entry, then enter ANY VCR code in step 3 of Direct Code Entry. Then follow the steps above for Brand Search or Complete Search.

Brand Search Table

Look up your brand in the appropriate column (TV, VCR, etc.) in the table below. Look for the digit (1, 2, 3, etc.) that applies to your brand, and enter it in step 4 of "Code Search (by Brand)."

| Digit | TV | VCR/DVD/DVR | CABLE | SAT/DBS | CD/AUDIO |
|-------|--|--|---------------------------|---|--|
| 1 | RCA, GE, Proscan | RCA, GE, Proscan | Scientific Atlanta | RCA, GE, Proscan, Pioneer | RCA, GE, Proscan |
| 2 | Zenith | Zenith, Apex | Jerrold | Zenith, Gemini | Zenith |
| 3 | Philips, Magnavox | Miranz, Philips, Magnavox | Icon, General Instrument | Philips, Magnavox | Miranz, Philips, Magnavox |
| 4 | Sony, Panasonic, Sharp, Toshiba, Daewoo, Yamaha, Denon | Sony, Panasonic, Sharp, Toshiba, Daewoo, Yamaha, Denon | RCA, GE, Proscan, Pioneer | Sony, Panasonic, Sharp, Toshiba, Toshiba | Sony, Panasonic, Technics, Sharp, Toshiba |
| 5 | Hitachi, Sanyo, I.G-Goldstar, Samsung, JVC, Mitsubishi | Hitachi, Sanyo, I.G-Goldstar, Samsung, JVC, Mitsubishi | Zenith, Gemini | Hitachi, JVC, Samsung | Hitachi, Sanyo, JVC, I.G-Goldstar, Samsung, Mitsubishi |
| 6 | Sylvania, Fisher, Curtis-Mathes, Emerson | Sylvania, Fisher, Sharp, Toshiba, Emerson | Philips, Magnavox | General Instrument, Technostar, Dib, Hughes, Primstar | Sylvania, Fisher, Curtis-Mathes, Emerson, Optimum |
| 7 | N/A | N/A | N/A | N/A | Pioneer, Teac, Nad |
| 8 | N/A | N/A | N/A | N/A | Kenwood, Yamaha, Denon, Onkyo |
| 9 | N/A | N/A | N/A | N/A | N/A |
| 0 | ALL | ALL | ALL | ALL | ALL |

Guarda esta lista de códigos para futura referencia.

Refiérase al procedimiento de programación de abajo y busque el código de 3 dígitos para su marca de TV, VCR, etc. Refiérase al Manual de Instrucciones de su control remoto para más información.

Ingreso Directo de Códigos

- Oprima, sin soltar, el botón **CODE SEARCH** hasta que el indicador rojo permanezca encendido. Suelte el botón **CODE SEARCH**.
- Oprima y suelte el botón del la modalidad deseada (TV, VCR, etc.) El indicador rojo parpadeará y enseguida se queda encendido.
- Ingrese el código de 3 cifras de las tablas de códigos. Nota: después de ingresar un código, el indicador rojo se apaga. Cuando se ingresa un código inválido, el indicador rojo parpadeará.
- Con su aparato encendido oprima **CHANNEL+**. Si el aparato responde, ya no se requiere ninguna programación adicional. Nota: si algunos botones no hacen funcionar su equipo, trate uno de los demás códigos para su marca.
- Oprima y suelte el botón **MUTE** para fijar el código.

Búsqueda de Códigos por Marcas

Le permite buscar un código de una marca específica en la biblioteca de códigos para un fabricante en particular.

- Encienda el aparato (TV, VCR, etc.) que se ha de controlar.
- Oprima sin soltar el botón **CODE SEARCH** (búsqueda de códigos) hasta que el indicador rojo permanezca encendido y enseguida suelte el botón.
- Oprima y suelte rápidamente el botón de la modalidad deseada (TV, VCR, etc.) El indicador rojo parpadeará una vez.
- Oprima y suelte el botón numérico (0-9) correspondiente al Fabricante deseado (vea la tabla abajo). El indicador rojo parpadeará una vez y se apaga. Obsérvese que al oprimir el "0" se efectuará una búsqueda completa de la biblioteca igual al Método de búsqueda de códigos.
- Oprima el botón **CHANNEL+** (o **POWER** o **PLAY** (en la videocasetera solamente)) repetidamente hasta que el aparato que se ha de controlar cambie de canal.
- Oprima y suelte **MUTE** para fijar el código. La entrada del Método de búsqueda por marca está completo.

Nota: Cuando se han buscado todos los códigos bajo una Marca, el indicador rojo parpadeará rápidamente durante 3 segundos

Programación con CODE SEARCH (Búsqueda de códigos)

Si su producto no responde después de haber intentado todos los códigos para su marca, o si su marca no está incluida en la lista, trate de buscar su código siguiendo estos pasos.

- Encienda manualmente el aparato (TV, VCR, etc.) que se habrá de controlar.
- Oprima, sin soltar, el botón **CODE SEARCH** hasta que el indicador rojo permanezca encendido. Suelte el botón **CODE SEARCH**.
- Oprima y suelte el botón de la modalidad deseada (TV, VCR, etc.) El indicador rojo parpadeará y enseguida permanece encendido.
- Oprima el botón **CHANNEL+** repetidamente (hasta 300 veces) hasta que el aparato que se ha de controlar cambie de canal. El indicador rojo parpadeará y enseguida se queda encendido.
- Oprima y suelte el botón **MUTE** para fijar el código.

La mayoría de los usuarios almacenan los códigos de videocasetera en el botón VCR, los códigos del cable en el botón CBL, etc. Si desea almacenar un código de videocasetera en CBL, siga primero el procedimiento para la Entrada directa de códigos y oprima CBL en el paso 2 de la Entrada directa de códigos. A continuación ingrese CUALQUIER código de VCR en el paso 3 de la Entrada directa de códigos. Luego siga los pasos anteriores para la Búsqueda de códigos o Búsqueda de marca.

Tabla de Búsqueda de marcas

Busque su marca en la columna correspondiente (TV, videocasetera, etc.). Fíjese cuál cifra (1, 2, 3, etc.) corresponde a su marca e ingrésela en el paso 4 de "Búsqueda de códigos por marca."

TV

| | |
|----------------------|-----------------------------|
| ABEX | 120 |
| ADMIRAL | 603 224 701 |
| ADVENT | 219 591 |
| ADVENTURA | 019 |
| AIKO | 407 |
| AIWA | 121 221 324 528 |
| ALLERON | 706 |
| AMARK | 603 |
| AMTRON | 906 |
| AKAI | 027 112 801 |
| ANAM NATIONAL | 906 901 |
| AOC | 002 102 502 003 217 119 320 |
| APEX | 023 223 123 741 |
| ARCHER | 603 |
| AUDIOVOX | 906 |
| AXION | 319 291 |
| BANG & OLUFSEN | 620 |
| BELCOR | 002 |
| BELL & HOWELL .. | 704 506 601 701 |
| BENO | 709 909 |
| BRADFORD | 906 |
| BROKSONIC | 316 626 327 632 041 |
| BROKWOOD | 002 |
| CANDLE | 002 502 019 402 |
| CAPEHART | 119 |
| CELEBRITY | 713 |
| CENTURION | 801 |
| CETRONIC | 502 |
| CHANGHONG | 023 741 |
| CITIZEN | 002 502 906 112 512 |
| CLAIRTONE | 701 402 805 407 520 |
| CLP | 049 |
| CLP CLASSIC | 030 011 004 |
| COLOR VOICE | 602 |
| COLORTYME | 002 502 602 |
| CONCERTO | 002 502 |
| CONCIERGE | 713 |
| CONTEC | 906 802 003 805 |
| CORNEA | 606 |
| CRAIG | 906 805 |
| CROSLEY | 807 |
| CROWN | 906 805 |
| CURTIS MATHES ... | 704 112 614 002 |
| ..... | 502 601 506 512 437 701 103 |
| CDX | 603 |
| CXC | 906 805 |
| DAEWOO | 614 002 502 611 102 |
| ..... | 415 505 826 529 609 805 |
| ..... | 407 303 602 214 403 314 503 |
| DAYTRON | 002 502 |
| DIMENSIONA | 704 601 |
| DUKANE | 507 808 |
| DUMONT | 713 002 |
| DURABRAND | 520 115 |
| DYNASTY | 805 |
| ELEKTRA | 701 |
| ELECTROBAND | 801 003 |
| ELECTROHOME | 002 502 |
| | 027 901 803 |

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|-------------------|---------------------------------|
| ELITE VIDEO | 321 |
| EMERSON | 002 502 006 115 506 |
| | 706 520 906 316 324 924 626 |
| | 826 027 327 128 228 632 134 247 |
| ENVISION | 002 502 |
| ENVISION | 506 612 428 619 802 |
| FUJITSU | 321 706 |
| FUNAI | 706 520 906 324 247 805 |
| FUTURETEC | 906 805 |
| GATEWAY | 206 |
| GE | 704 312 018 002 502 006 007 |
| ..... | 601 835 901 114 103 803 806 310 |
| GIBRALTR | 713 002 |
| GOLDSTAR | 002 502 102 324 |
| ..... | 435 802 307 609 217 |
| GRUNDY | 706 906 |
| GUESTVISION | 721 |
| HAIER | 709 223 321 |
| HALLMARK | 002 502 |
| HARVARD | 906 |
| HITACHI | 410 507 815 607 808 |
| ..... | 002 502 710 701 802 |
| ..... | 707 315 515 715 519 |
| IMA | 906 |
| INFINITY | 807 430 |
| INTEGRA | 719 |
| INTEQ | 713 |
| JANEIL | 019 |
| JBL | 807 |
| JCB | 801 |
| JC PENNEY | 704 002 102 502 |
| ..... | 112 312 512 007 601 310 |
| JENSEN | 402 802 103 803 604 806 |
| JVC | 607 204 321 508 326 |
| ..... | 791 802 108 308 715 |
| KAWASHO | 002 502 801 |
| KAYPANI | 119 |
| KEC | 805 |
| KENWOOD | 002 502 |
| KLOSS NOVABEAM .. | 408 019 |
| KONKA | 906 702 203 |
| ..... | 306 208 842 942 |
| KIV | 906 003 703 805 608 |
| KURAZAI | 701 |
| LG | 002 606 502 102 324 |
| ..... | 435 802 307 609 217 |
| LODGENET | 704 821 701 601 |
| LOEWIE | 722 807 |
| LOGIK | 704 701 601 |
| LUCE | 107 |
| LUXMAM | 002 502 |
| LXI | 704 002 502 506 807 |
| ..... | 312 512 324 103 601 |
| MAGNAVOX | 807 002 502 224 430 |
| ..... | 402 408 109 715 247 |
| MAJESTIC | 704 701 601 |
| MARANTZ | 807 719 002 502 |
| MEGATRON | 002 502 507 |
| MEI | 003 |
| MEMOREX | 002 502 506 706 115 |
| | 704 428 632 701 601 |

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| MGA | 002 102 502 706 |
| MIDLAND | 704 713 007 312 103 |
| MINUTZ | 806 |
| MITSUBISHI | 102 716 706 002 |
| ..... | 502 027 803 715 619 |
| MONIVISION | 205 |
| MONTGOMERY WARD .. | 704 |
| MOTOROLA | 701 601 |
| ..... | 520 041 601 802 103 619 |
| MTC | 002 102 502 112 512 003 |
| MULTITECH | 906 |
| MULTIVISION | 010 |
| NAD | 002 502 512 120 |
| NEC | 719 002 102 502 |
| ..... | 901 602 111 715 |
| NET TV | 206 014 |
| NIKEI | 805 |
| NIRKO | 002 502 407 |
| NORCENT | 223 905 |
| NTC | 407 |
| ONCOMMAND | 721 |
| ONKING | 805 |
| ONWA | 906 805 |
| OPTIMUS | 618 120 039 739 |
| OPTONICA | 603 111 |
| ORION | 713 115 105 |
| PANASONIC | 718 416 007 618 807 |
| PHILCO | 807 002 102 502 |
| ..... | 408 109 715 901 402 |
| PHILIPS | 807 022 020 422 122 |
| ..... | 222 322 002 430 901 402 |
| ..... | 408 109 210 310 715 520 |
| PHILIPS-MAGNAVOX .. | 807 022 |
| ..... | 322 919 224 430 |
| PILOT | 002 |
| PIONEER | 120 719 808 |
| ..... | 002 502 610 519 |
| PORTLAND | 002 102 502 407 |
| PRECISION | 218 |
| PRICE CLUB | 112 |
| PRINCETON GRAPHICS .. | 603 511 |
| PRISM | 007 |
| PROSCAN | 704 312 103 601 |
| PROTON .. | 820 002 502 910 119 220 |
| PULSAR | 713 002 |
| QUASAR | 718 416 007 618 |
| ..... | 807 039 739 901 608 |
| RADIO SHACK | 704 002 406 506 |
| ..... | 906 618 502 324 835 |
| ..... | 601 802 705 805 111 |
| RCA | 704 002 406 007 011 611 |
| ..... | 811 312 514 720 411 102 |
| ..... | 502 601 835 901 103 803 |
| ..... | 211 912 114 519 320 420 |
| REALISTIC | 704 002 406 506 906 |
| ..... | 618 502 324 601 802 705 805 111 |
| RHAPSODY | 003 |
| RUNCO | 713 719 712 |
| SAMPO | 014 206 002 502 119 802 |
| SAMSUNG | 112 309 209 512 |
| | 302 502 002 102 437 |
| | 802 103 609 012 212 |

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| SANSUX | 502 |
| SANSUI | 115 632 |
| SANYO | 506 311 612 002 |
| | 428 802 412 619 |
| SCOTCH | 002 502 |
| SCOTT | 002 502 706 |
| ..... | 906 004 105 805 |
| SEARS | 704 807 506 706 112 |
| ..... | 002 502 312 612 |
| SHARP | 509 913 907 603 002 |
| ..... | 502 224 228 202 111 813 |
| SHOGUN | 002 |
| SIGNATURE | 704 701 903 601 |
| SIMPSON | 402 |
| SONIC | 003 |
| SONY | 414 902 801 708 639 |
| SOUNDESIGN | 002 502 706 |
| ..... | 906 402 805 |
| SPECTRAVISION | 921 |
| SQUAREVIEW | 820 |
| SSS | 002 906 805 |
| STARLITE | 906 |
| STAR SIGHT | 008 |
| SUPRA | 002 809 |
| SUPREMACY | 019 |
| SUPREME | 801 |
| SVA | 223 |
| SYLVANIA | 807 002 502 115 520 |
| ..... | 324 247 402 408 109 715 717 |
| SYMPHONIC | 906 520 324 247 004 |
| TANDY | 603 |
| TATUNG | 709 421 901 |
| TECHNICS | 007 |
| TECHWOOD | 002 502 007 |
| TEKNIKA | 704 002 102 506 |
| ..... | 906 112 512 618 601 |
| TELECAPTION | 019 701 402 802 805 407 |
| ..... | 313 |
| TELERENT | 704 701 601 |
| TERA | 002 220 |
| TEVION | 421 |
| TKM | 002 502 |
| TOSHIBA | 517 419 512 613 719 |
| ..... | 112 506 111 618 627 437 |
| ..... | 041 891 802 111 313 715 |
| UNIVERSAL | 806 310 |
| VICTOR | 607 |
| VIDEOTECH | 002 102 502 |
| VIEWSONIC | 206 808 |
| VIKING | 019 |
| VIZIO | 239 339 025 |
| WARDS | 704 807 002 102 502 |
| ..... | 706 601 408 109 310 |
| ..... | 111 513 806 701 402 004 |
| WHITE WESTINGHOUSE .. | 611 614 |
| ..... | 415 324 529 609 |
| YAMAHA | 618 002 102 502 |
| ZENITH | 713 502 606 409 710 701 |
| ..... | 507 714 405 712 015 916 008 |
| | 002 115 224 324 126 326 826 |
| | 228 430 632 435 437 903 407 505 |

Plasma, LCD & Panel TVs

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|-----------------------|-----------------|
| BENQ | 709 909 |
| CORNEA | 606 |
| DUKANE | 507 808 |
| ELITE VIDEO | 321 |
| FUJITSU | 321 |
| GATEWAY | 206 |
| HAIER | 709 |
| HITACHI | 507 808 |
| INTEGRA | 719 |
| JVC | 204 321 |
| LG | 606 |
| LUCE | 107 |
| MARANTZ | 719 |
| MEGATRON | 507 |
| MITSUBISHI | 102 716 |
| MONIVISION | 205 |
| NEC | 719 |
| NET TV | 206 014 |
| NORCENT | 905 |
| PANASONIC | 618 |
| PHILIPS-MAGNAVOX .. | 022 |
| PIONEER | 808 719 |
| PRINCETON GRAPHICS .. | 511 |
| RCA | 704 |
| RUNCO | 719 |
| SAMPO | 014 206 |
| SAMSUNG | 309 302 209 |
| SANYO | 311 |
| SHARP | 907 |
| SONY | 902 414 |
| TATUNG | 709 421 |
| TEVION | 421 |
| TOSHIBA | 618 719 |
| VIEWSONIC | 206 808 |
| VIZIO | 709 |
| YAMAHA | 618 |
| ZENITH | 606 409 714 507 |

HDTV

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|------------------------|-----|
| Hughes HTL-HD | 864 |
| Mitsubishi SRHD500 .. | 864 |
| Philips DSHD800 | 864 |
| Pioneer SH-D505 | 062 |
| RCA HD65W20 | 467 |
| Samsung SIR-T165 | 959 |

CD

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|-----------------------|-------------------------|
| ADC | 667 |
| ADCOM | 767 073 |
| AIWA | 967 372 885 |
| AKAI | 173 375 684 |
| AUDIO TECHNICA | 168 |
| CALIFORNIA AUDIO LABS | 273 |
| CAPETRONIC | 568 |
| CARVER | 268 368 468 184 |
| CASIO | 379 |
| CITIZEN | 284 |
| CURTIS MATHES | 379 |
| DENON | 767 968 |
| FISHER | 368 169 269 369 473 |
| GENEXXA | 968 469 573 |
| GOLDSTAR | 673 |
| HARMAN KARDON | 669 770 |
| HITACHI | 469 |
| INKEL | 769 |
| JC PENNEY | 670 379 |
| JVC | 869 982 |
| KENWOOD | 569 969 170 |
| KRELL | 374 474 484 |
| KYOCERA | 667 |
| LUXMAN | 270 370 574 475 |
| LXI | 379 |
| MAGNAVOX | 268 774 681 |
| MARANTZ | 268 470 570 874 |
| MCS | 670 379 |
| MGA | 770 |
| MISSION | 268 |
| MITSUBISHI | 770 870 |
| NAD | 773 975 |
| NAKAMICHI | 970 071 784 |
| NEC | 670 |
| NIKKO | 168 968 269 |
| NSM | 268 |
| ONKYO | 171 271 873 782 |
| OPTIMUS | 368 468 469 569 371 |
| | 471 571 671 076 376 776 |
| PANASONIC | 273 974 675 683 887 |
| PHILIPS | 268 774 184 |
| PIONEER | 469 771 871 |
| | 573 676 385 289 |
| PROTON | 268 |
| QUASAR | 273 |
| RADIO SHACK | 468 571 272 676 |
| | 280 488 089 289 |
| RCA | 767 368 971 973 676 |
| | 181 086 988 089 289 |
| REALISTIC | 767 368 568 968 |
| | 469 570 371 571 |
| ROTEL | 268 |
| SAE | 268 |
| SAMSUNG | 775 |
| SANSUI | 268 072 973 075 |
| SANYO | 368 172 473 175 875 |
| SCOTT | 767 968 |
| SEARS | 569 570 379 |
| SHARP | 569 570 |
| SHERWOOD | 769 570 471 272 587 |
| SHURE | 670 |
| SONY | 372 880 081 681 |
| SIS | 667 |

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| SYLVANIA | 268 |
| SYMPHONIC | 572 |
| TEAC | 269 570 571 |
| | 572 672 772 287 |
| TECHNICS | 273 974 683 887 |
| THETA DIGITAL | 774 |
| TOSHIBA | 773 |
| VICTOR | 869 |
| YAMAHA | 168 872 972 074 286 |
| ZENITH | 269 674 577 080 686 |

AUDIO

| | |
|---------------|-----------------------------|
| AIWA | 585 885 786 687 |
| APEX | 245 |
| BOSE | 868 |
| CARVER | 446 |
| CITIZEN | 284 |
| CRITERION | 446 |
| DENON | 981 383 886 |
| DELPHI | 472 |
| FISHER | 083 783 |
| GOLDSTAR | 278 |
| HARMAN KARDON | 082 483 |
| JVC | 680 982 583 |
| KENWOOD | 969 482 283 |
| | 484 884 588 |
| KOSS | 143 |
| MAGNAVOX | 281 083 |
| MARANTZ | 470 084 |
| MITSUBISHI | 389 |
| NAD | 773 575 975 |
| NORCENT | 392 |
| ONKYO | 182 782 882 890 |
| OPTIMUS | 368 376 476 576 |
| | 776 876 077 980 |
| PANASONIC | 780 682 183 |
| | 983 987 088 790 |
| PHILIPS | 177 083 983 084 184 |
| PIONEER | 385 288 388 489 990 |
| RADIO SHACK | 272 077 980 282 |
| | 188 288 388 488 189 489 589 |
| RCA | 373 274 878 779 181 |
| | 384 186 288 388 688 788 |
| | 888 189 489 589 546 191 |
| REALISTIC | 883 |
| SABA | 091 |
| SAMSUNG | 047 |
| SANYO | 172 |
| SCOTT | 478 |
| SHARP | 768 070 582 |
| SHERWOOD | 272 282 487 587 |
| SONY | 933 479 579 180 381 481 |
| | 581 984 085 185 285 985 592 |
| TEAC | 672 382 187 287 387 |
| TECHNICS | 780 682 183 |
| SAE | 983 987 088 |
| TEVION | 446 |
| VENTURER | 176 |
| XM RADIO | 472 |
| YAMAHA | 781 881 485 685 |
| | 785 286 386 486 586 |
| ZENITH | 269 674 576 577 178 |
| | 278 080 083 380 686 142 |

CABLE

| | |
|-------------------------|-------------------------|
| ABC | 747 847 947 048 148 248 |
| ADELPHI | 852 |
| ALLEGRO | 054 154 |
| AMERICAST | 354 |
| ANTRONIX | 448 548 |
| ARCHER | 448 548 648 748 |
| AT&T | 752 |
| BELL SOUTH | 354 |
| CABLETENNA | 448 |
| CABLEVIEW | 462 |
| CENTURY | 748 |
| CITIZEN | 748 |
| COLOR VOICE | 848 948 |
| COMCAST | 752 |
| COMTRONICS | 049 149 |
| CONTEC | 249 |
| DIGITAL MUSIC EXPRESS | 053 |
| EASTERN | 349 |
| EVERQUEST | 049 |
| GARRARD | 748 |
| GC ELECTRONICS | 278 |
| GEMINI | 255 349 |
| GE | 556 |
| GENERAL INSTRUMENT (GI) | 552 |
| | 747 148 752 953 453 |
| HAMLIN | 747 649 749 849 |
| HITACHI | 043 |
| HYTEK | 847 |
| JASCO | 748 |
| JERROLD | 552 747 148 453 |
| | 947 048 653 254 |

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| MAGNAVOX | 150 |
| MEMOREX | 291 |
| MOTOROLA | 552 148 952 453 |
| | 654 754 254 947 048 |
| MOVIE TIME | 847 350 |
| NSC | 847 350 |
| OAK | 249 847 580 |
| PACE | 854 |
| PANASONIC | 647 452 |
| PARAGON | 250 450 |
| PHILIPS | 748 549 150 650 750 850 |
| PHILIPS-MAGNAVOX | 152 055 |
| PIONEER | 449 252 950 051 |
| PULSAR | 250 |
| RADIO SHACK | 152 055 154 |
| RCA | 647 748 582 |
| REALISTIC | 548 |
| REGAL | 346 |
| REGENCY | 349 |
| REMBRANDT | 947 |
| RUNCO | 250 |
| SAMSUNG | 049 051 |
| SCIENTIFIC ATLANTA | 451 351 252 |
| | 155 852 248 251 |
| SIGNAL | 049 |
| SIGNATURE | 947 |
| SILMARX | 060 |
| SPRUCER | 647 |
| STANDARD | 551 |
| STARCOM | 747 453 |
| STARGATE | 049 |
| STAR SIGHT | 352 |
| STAR TRAK | 253 |

| | |
|----------------|-----------------|
| TANDY | 651 |
| TELEVIEW | 049 |
| TEXSCAN | 551 |
| TIME WARNER | 252 |
| TOCOM | 048 751 952 653 |
| TOSHIBA | 250 |
| TV86 | 350 |
| UNIKA | 448 548 748 |
| UNITED ARTISTS | 847 |
| UNITED CABLE | 747 |
| UNIVERSAL | 448 548 648 |
| | 748 851 054 |
| VIDEOWAY | 052 |
| VIEWSTAR | 149 150 350 651 |
| VIDEO TECH | 462 |
| ZENITH | 951 748 250 |
| | 753 853 953 154 |
| ZENITH NETWORK | 354 |

SAT/DTV/WebTV

Where codes are shown like this [###] each one can be used if you have 2 or more of the SAME device.

| | |
|----------------------|-------------------------|
| AMPLICA | 159 |
| BELL EXPRESSVU | 067 366 |
| CHANNEL MASTER | 359 459 559 |
| CHAPPARAL | 657 757 |
| CHEYENNE | 757 |
| DRAKE | 857 059 360 |
| APEX | 240 640 740 840 741 044 |
| | 644 245 545 146 347 547 |
| A-TREND | 940 |
| AUDIOVOX | 291 |
| AXION | 291 |
| B & K | 491 |
| BLAUPUNKT | 644 |
| BOSE | 848 |
| BROKSONIC | 041 |
| CHANGHONG | 741 |
| CINEVISION | 142 |
| CLASSIC | 741 744 |
| COBY | 333 |
| CRITERION | 446 |
| CURTIS INTERNATIONAL | 292 |
| CYBERHOME | 940 |
| CYTRON | 246 440 |
| DAEWOO | 645 745 046 |
| DENON | 641 743 |
| DIGITREX | 146 |
| DUAL | 346 |
| DURABRAND | 546 142 |
| LUXOR | 461 |
| KENWOOD | 461 |
| LUXOR | 561 |
| MAGNAVOX | 259 565 862 |
| MACOM | 661 |
| MITSUBISHI | 765 864 465 564 664 |
| MOTOROLA | 466 |
| NORSTAT | 761 |
| PACE | 063 163 266 |
| PANSAT | 060 |
| PANASONIC | 264 260 261 |
| PRIMESTAR | 364 665 |
| PHILIPS | 259 862 763 564 |
| | 664 864 465 765 565 |
| PHILIPS-MAGNAVOX | 259 862 565 |
| PIONEER | 062 |

| | |
|-------------------|---------------------|
| PROSCAN | 265 365 666 |
| | 966 766 866 |
| RCA | 265 566 365 863 |
| | 467 966 666 766 866 |
| REALISTIC | 358 961 |
| SAMSUNG | 061 959 962 263 |
| SHARP | 062 |
| SKY NETWORK | 063 163 266 |
| "SIERRA I II III" | 757 |
| SONY | 963 367 567 160 |
| STARCHOICE | 665 166 364 |
| STAR SIGHT | 964 |
| STAR TRAK | 462 |
| SIS | 458 658 758 |
| SUPER GUIDE | 656 |
| TOSHIBA | 765 864 465 564 |
| | 664 858 066 166 764 |
| ULTIMATE-TV | 966 567 |
| UNIDEN | 958 762 964 |
| UNITED | 361 |
| VIDEO CIPHER II | 059 |
| WEB TV | 862 160 |
| ZENITH | 363 065 267 165 |
| | 161 266 857 059 360 |

DVD

| | |
|----------------------|-------------------------|
| ADVENT | 591 |
| AIWA | 043 |
| AKAI | 141 |
| AMES | 857 059 360 |
| APEX | 240 640 740 840 741 044 |
| | 644 245 545 146 347 547 |
| A-TREND | 940 |
| AUDIOVOX | 291 |
| AXION | 291 |
| B & K | 491 |
| BLAUPUNKT | 644 |
| BOSE | 848 |
| BROKSONIC | 041 |
| CHANGHONG | 741 |
| CINEVISION | 142 |
| CLASSIC | 741 744 |
| COBY | 333 |
| CRITERION | 446 |
| CURTIS INTERNATIONAL | 292 |
| CYBERHOME | 940 |
| CYTRON | 246 440 |
| DAEWOO | 645 745 046 |
| DENON | 641 743 |
| DIGITREX | 146 |
| DUAL | 346 |
| DURABRAND | 546 142 |
| LUXOR | 461 |
| KENWOOD | 461 |
| LUXOR | 561 |
| MAGNAVOX | 259 565 862 |
| MACOM | 661 |
| MITSUBISHI | 765 864 465 564 664 |
| MOTOROLA | 466 |
| NORSTAT | 761 |
| PACE | 063 163 266 |
| PANSAT | 060 |
| PANASONIC | 264 260 261 |
| PRIMESTAR | 364 665 |
| PHILIPS | 259 862 763 564 |
| | 664 864 465 765 565 |
| PHILIPS-MAGNAVOX | 259 862 565 |
| PIONEER | 062 |

| | |
|------------|---------------------|
| INITIAL | 644 |
| INTEGRA | 843 |
| JBL | 344 |
| JVC | 242 443 791 |
| KENWOOD | 641 544 |
| KLH | 644 |
| KONKA | 642 742 842 942 |
| KOSS | 143 |
| LASONIC | 746 |
| LG | 142 |
| LINN | 945 |
| LITEON | 433 |
| MAGNAVOX | 441 442 691 |
| MEMOREX | 991 092 247 |
| MICROSOFT | 542 |
| MINTEK | 644 |
| MITSUBISHI | 841 |
| MUSTEK | 744 |
| NAD | 142 944 |
| NAKAMICHI | 844 |
| NESA | 644 |
| NORCENT | 333 433 533 192 392 |
| ONKYO | 843 890 |
| OPTIMUS | 042 |
| ORION | 041 |
| ORITRON | 143 |

Where codes are shown like this [###] each one can be used if you have 2 or more of the SAME device.

| | |
|------------------|---------------------|
| GO VIDEO | 744 |
| HITACHI | 543 |
| MAGNAVOX | [691] [902] |
| PANASONIC | [340] |
| PHILIPS | [691] [902] |
| PHILIPS-MAGNAVOX | 441 442 |
| | 943 691 092 |
| PIONEER | 941 042 990 391 |
| POLAROID | 140 |
| POLK AUDIO | 441 442 991 |
| PROLINE | 143 |
| PROSCAN | 542 |
| RADIO SHACK | 546 946 091 191 |
| REOC | 746 |
| RCA | 542 644 546 946 191 |

Laser Disc

| | |
|------------------|---------------------------------|
| DENON | 132 |
| PIONEER | 132 |
| PROSCAN | 432 |
| RCA | [316 327] [316 626] [505] [826] |
| FISHER | 041 |
| FUNAI | 324 |
| GOLDSTAR | 324 435 |
| EMERSON | 247 |
| JVC | 326 |
| INFINITY | 430 |
| LG | 324 435 |
| MAGNAVOX | 224 430 247 |
| MEMOREX | 428 632 |
| MITSUBISHI | 027 |
| PANASONIC | 039 739 |
| PHILIPS | 430 247 |
| PHILIPS-MAGNAVOX | 224 430 |
| OPTIMUS | 039 739 |
| QUASAR | 039 739 |
| RADIO SHACK | 324 835 |
| RCA | 835 |
| REALISTIC | 324 |
| SAMSUNG | 437 |
| SANSUI | 632 |
| SANYO | 428 |
| SHARP | 224 228 |

Home Automation

| | |
|-----|-----|
| X10 | 789 |
|-----|-----|

| | |
|----------|-----------------|
| YAMAHA | 641 643 691 092 |
| YAMAKAWA | 445 |
| ZENITH | 142 |

DVR

Where codes are shown like this [###] each one can be used if you have 2 or more of the SAME device.

| | |
|------------|-------------------------|
| AT&T | 938 |
| PANASONIC | 938 |
| PHILIPS | [738] [036] [136] |
| RCA | [542] |
| REPLAYTV | 938 |
| SONIC BLUE | 938 |
| SONY | 838 367 |
| TiVo | 738 838 036 136 367 492 |
| TOSHIBA | 492 |

DVD-Recorders

Where codes are shown like this [###] each one can be used if you have 2 or more of the SAME device.

| | |
|------------------|-------------------|
| GO VIDEO | 744 |
| HITACHI | 543 |
| MAGNAVOX | [691] [902] |
| PANASONIC | [340] |
| PHILIPS | [691] [902] |
| PHILIPS-MAGNAVOX | [691] [902] |
| PIONEER | 941 042 990 391 |
| POLAROID | 140 |
| SONY | [633] [733] [833] |
| YAMAHA | [691] [902] |

Laser Disc

| | |
|------------------|---------------------------------|
| DENON | 132 |
| PIONEER | 132 |
| PROSCAN | 432 |
| RCA | [316 327] [316 626] [505] [826] |
| FISHER | 041 |
| FUNAI | 324 |
| GOLDSTAR | 324 435 |
| EMERSON | 247 |
| JVC | 326 |
| INFINITY | 430 |
| LG | 324 435 |
| MAGNAVOX | 224 430 247 |
| MEMOREX | 428 632 |
| MITSUBISHI | 027 |
| PANASONIC | 039 739 |
| PHILIPS | 430 247 |
| PHILIPS-MAGNAVOX | 224 430 |
| OPTIMUS | 039 739 |
| QUASAR | 039 739 |
| RADIO SHACK | 324 835 |
| RCA | 835 |
| REALISTIC | 324 |
| SAMSUNG | 437 |
| SANSUI | 632 |
| SANYO | 428 |
| SHARP | 224 228 |

Combo Devices

For Combo Devices, in many cases a single code operates both parts of the device (e.g. the TV and the VCR). In other cases you need to set up two codes. For example, one for the TV and one for the VCR. Where codes are shown below as [### ###] the first code operates the first part of the device's name, and the second code operates the second part. E.G., for a TV/VCR device, the first code operates the TV and the second code operates the VCR.

##