



# PM725 Universal Remote





## Table of Contents

Introduction .....	3
Setup .....	4
Battery Installation .....	4
Battery Saver .....	4
Code Saver .....	4
Power-On default .....	5
TV Punch Through .....	5
VCR Punch Through .....	5
Code Setup .....	5
Button Functions .....	6
Advanced DVD and SAT Button Functions .....	8
TV/VCR Punch-Through .....	9
TV/VCR and TV/DVD Combo units .....	9
Code Entry .....	10
Direct Code Entry .....	10
Code Search .....	11
Code Identification .....	12
Sleep Timer .....	13
Code Learning .....	13
Tips on Learning .....	14
Learning Commands .....	14
Clearing Learned commands for a mode .....	15
Master Clear .....	15
Code List .....	16
Product Operation .....	22
Troubleshooting .....	23

## Introduction

Congratulations on your purchase of Philips Magnavox Universal Remote Control. Philips Magnavox Universal Remotes let you replace a broken or lost remote or combine more than one remote into one. In addition, this remote is equipped with a command learning feature which lets the remote learn commands from your original equipment remote control!

This remote control operates the common features of most but not all models and brands of IR Infrared Controlled Video Equipment. This remote may provide functions that are not available on your equipment. Some functions of your particular equipment (e.g. menu functions) may not be controlled by this remote. In such cases, use the original remote control for your equipment. Please use this manual to become familiar with your Philips Magnavox Universal Remote. After you are familiar with your remote the first thing you need to do is to install batteries and setup your remote for your particular product and brand.

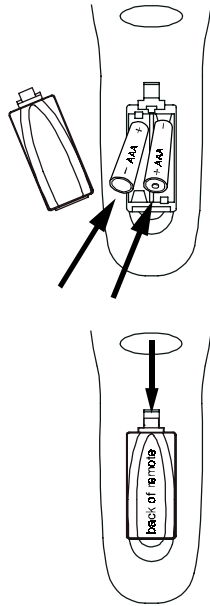
Thank you for buying a Philips Magnavox remote and we hope it will give you many years of service.



## Setup

### Battery Installation

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 2 AAA Alkaline batteries.
3. Press the battery cover back into place.



### Battery Saver

Your remote automatically times out if the buttons are depressed more than 30 seconds. This will save your batteries should your remote get stuck in a place where the buttons remain depressed (e.g., between the sofa cushions).

### Code Saver

Codes are stored in permanent memory while you are changing batteries so you will not lose any codes stored in the remote while you are changing batteries. If you do want to delete any stored codes, see page 15.

### Power-On Default

The remote powers on in TV mode.

### TV Volume/Mute Punch-Through

The TV Volume/Mute punch-through feature lets you control the Volume and Mute function of your TV in any mode programmed to be a VCR, DVD, Cable or SAT device, without needing to change to TV mode. This feature is also available if AUX mode is programmed to control a second VCR, Cable or SAT device.

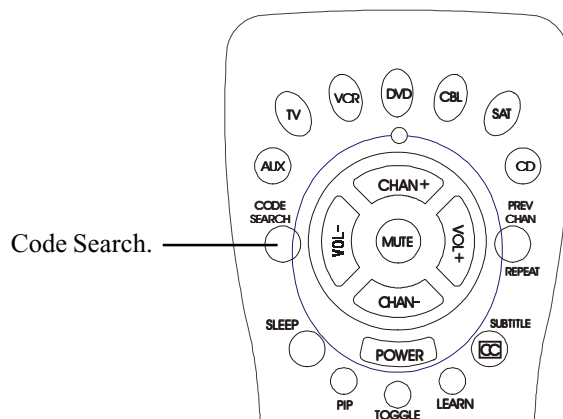
### VCR Punch-Through

Punch-through to VCR mode is only allowed in TV, VCR and Cable modes. SAT/DBS and CD/Audio are dedicated to their modes.

### Code Setup

The Code Search button is used to setup the remote. You can either setup the remote using the code for your brand of product, from the code tables, or you can search through the library of codes until you find a code that works for your product.

NOTE: You can store any kind of code under any mode (except TV). I.E. you can store a VCR code under the CBL key, or a DVD code under the VCR key, etc. You can store ANY kind of code under the AUX key. However, you can only store TV codes under the TV key.



## Button Functions

Some buttons on the remote might have functions that are referred to by different names on the device you are controlling. E.G. Prev. Ch. may be called RECALL, or ENTER may be called DISPLAY. These differences depend on the brand and model of your product. Also, this remote can only operate features that exist on your product. E.G., your product must be equipped with Prev. Ch. ability for the Prev. Ch. button to operate this feature.

**MUTE** Turns off the TV sound while the picture remains.

**TV, VCR, CBL, AUX, etc.** Selects product to be operated.

**Indicator light** Lights when any button is pressed.

**Code Search** For setup.

**POWER** Turns product On or Off.

**SLEEP** Turns off the TV after a period of 1 to 99 minutes.

**PIP TV** Picture-in-Picture control.

**NUMBERS** Enter numbers for direct channel selection. Some products require Enter to be pressed after channel selection.

**ENTER** Used after direct channel number entry to immediately change to the selected channel.

**INFO/Select** displays/selects on-screen channel information, etc.

**MENU** Access the Menu functions of the device you are controlling.

**OK** Selects menu items for the device you are controlling.

Note: The REC button must be pressed TWICE to record from your VCR. For some brands of VCRs, you might need to press the REC button once, then press it again for three seconds.

## Button Functions, cont.

**CHANNEL Up/Down** Changes the channels.

**VOLUME Up/Down** Changes the volume level of the product, normally the TV.

**Prev. Ch.** Returns to the previously selected channel, or DVD repeat toggle.

**CC (Subtitle)** TV Closed Caption (if your TV has this feature) or DVD Subtitle toggle.

**Learn** Used to setup learning functions.

**TOGGLE** Swaps TV PIP screens.

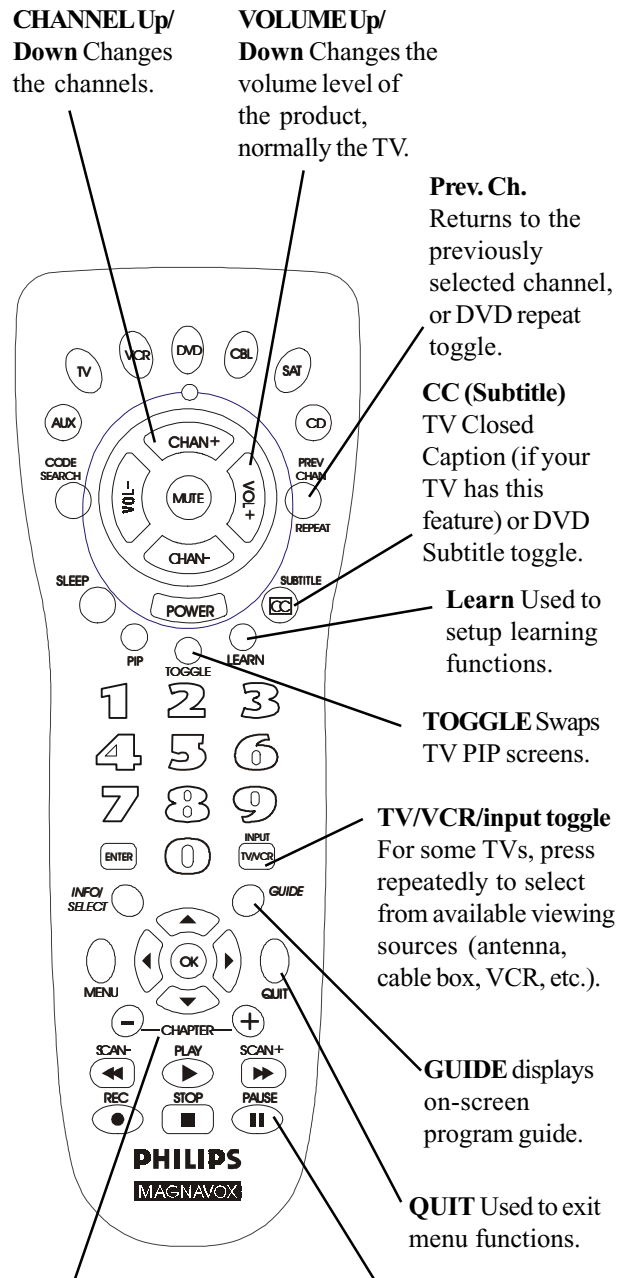
**TV/VCR/input toggle** For some TVs, press repeatedly to select from available viewing sources (antenna, cable box, VCR, etc.).

**GUIDE** displays on-screen program guide.

**QUIT** Used to exit menu functions.

**CHAPTER +/-** controls DVD/CD track selection i.e. DVD/CD Track Skip Up/Down (in DVD and SAT modes). Note the VCR Transport keys also control DVD when in DVD Mode.

**RECORD, PLAY, STOP, REW, FF, PAUSE** VCR control buttons operate your VCR even when the remote is set to operate the TV. Also operates DVD Scan +/-.





## Advanced Button Functions

### DVD

**Scan+** and **Scan-** buttons control the speed of Fast Forward and Reverse Playback respectively.

**Chapter+** and **Chapter-** buttons respectively locate the succeeding or preceding Chapters or Tracks on a disc.

**Subtitle** button brings up DVD Subtitle Menu for Subtitle selection and display.

**Repeat** button performs DVD players "A-B Repeat" (or RPT A.B) function for repeat play of current Chapter or Track.

**Info/Select** button brings up DVD Display or Control Menu for Chapter/Track/Title number, Time remaining/ elapsed indication, system information, etc.

**Menu** brings up the DVD disc Menu screen - use with the Up, Down, Left & Right navigation buttons.

**OK** button is used for on-screen Menu selection. Note some DVD players require the Play button to be used.

**Quit** button is used to Exit or Clear on-screen Menu displays.

**Play** button is used to start Disc playback and for Menu selection on some DVD players.

**Stop** button stops Disc playback.

**Pause** button will pause Disc playback - press Play to resume.

Note - in DVD Mode the INPUT button activates the DVD Players SETUP Menu.

### SAT

**Guide** button displays on-screen Satellite Channel Guide.

**Chapter+** and **Chapter-** buttons perform the "Page+" and "Page-" function for on-screen Guide Menus used by some Satellite systems.

**Info/Select** button brings up Satellite Display screen for current Channel and system information.

**Menu** brings up the Satellite Menu screen - use with the Up, Down, Left & Right navigation buttons.

**OK** button is used for on-screen Menu selection.

**Quit** button is used to Exit or Clear on-screen Menu displays.

**Input** button performs the Satellite TV/SAT function.

### TV/VCR Punch-Through

VCR Punch-through is automatically available in TV and Cable Modes only i.e. the 6 VCR keys (Play, Pause, Stop, Record, FF and Rewind) will punch-through to the device programmed under VCR when in either TV or Cable Modes.

The TV/VCR/INPUT button performs the TV/VCR antenna switch function when in VCR Mode.

The TV/VCR/INPUT button performs the A.B switch function when in Cable Mode.

The TV/VCR/INPUT button performs the TV/SAT switch function when in SAT Mode.

The TV/VCR/INPUT button performs the INPUT source switch function when in TV Mode.

The TV/VCR/INPUT button performs the DVD Setup function when in DVD Mode.

The TV/VCR/INPUT button performs nonspecific functions when in CD/Audio Mode.

### Misc.

**SELECT** means same as OKAY - some manufacturers use OKAY label and others use SELECT label on their remotes.

**CC** will activate the Closed Caption feature if your device has that feature.

**PIP** (Picture-in-Picture) and **TOGGLE** buttons operate your television's Picture-in-Picture features. Use PIP to activate the feature and TOGGLE to swap between the displayed pictures on your TV.

### TV/VCR and TV/DVD Combo units

Note that for some TV/VCR and TV/DVD combo units you might need to set up two different buttons to control both parts of the combo unit. E.G., (referring to the Direct Code Entry section on the following page) you might need to set up a code under the TV button to control the TV part of the combo unit AND a separate code for the VCR or DVD under any other button you choose.



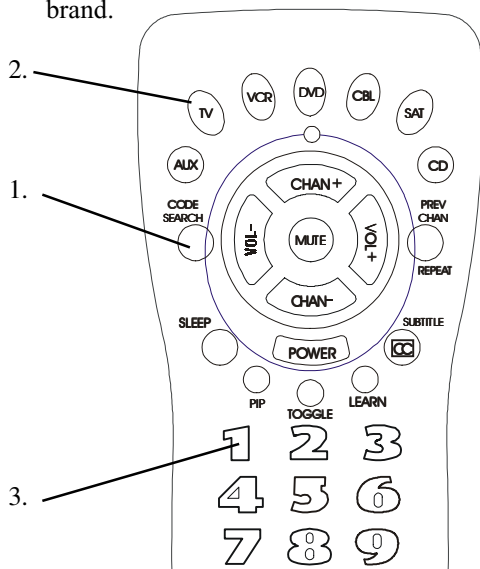
## Code Entry

### Direct Code Entry

1. Press and hold the Code Search button until the red indicator stays on. Release the Code Search button.
2. Press and release the desired mode button (TV, VCR, etc.).

The red indicator blinks, then stays lit.

3. 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.
4. With your device on, press CHANNEL Up. If the device responds, no further programming is required. Note: If some buttons do not operate your equipment, try one of the other codes for your brand.



Write your codes down here for easy reference later.

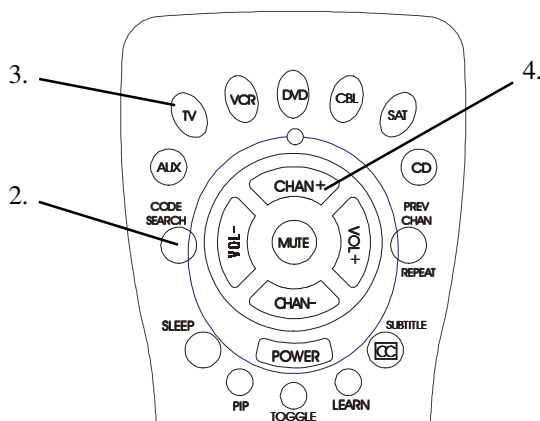
Type	Type stored	Code
TV	TV	
VCR		
Cable		
AUX		
SAT		
DVD		
CD		

### Programming with Code Search

1. Manually turn on the device (TV, VCR, etc.) to be controlled.
2. Press and hold Code Search button until the red indicator stays on. Release the Code Search button.
3. Press and release the desired mode button (TV, VCR, etc.).  
The red indicator blinks, then stays lit.
4. 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. If you accidentally overshoot the code required, press the Channel Down button to backtrack through the library until the device changes channel. Pressing Channel Up changes direction to forward again. Press and release the Mute button to install the code.

The above assumes that you want to store VCR codes under the VCR button, Cable codes under CBL, etc. If you want to store a VCR code under CBL, etc., first follow the procedure on page 10 and try ANY CBL code from the code tables, e.g. press CBL in step 2, page 10, and then enter ANY VCR code. Then follow the steps above.

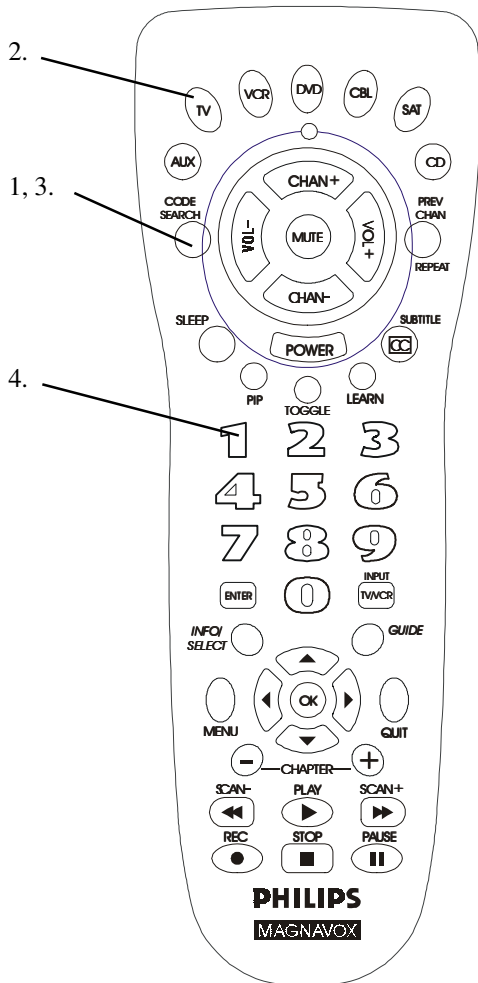
**Note:** If the device does not have a Channel Up button, use Play (VCR only) or Power instead. Code Search starts from the currently stored three digit number under that mode e.g. if the mode has 100 codes and the currently stored code is 050 then the Code Search starts from 051 continuing to 100 before looping back to 000 and finishing at 050. This simplifies the process if you find that several preprogrammed codes operate your device by allowing you to bypass codes already tried.



## Code Identification

### Code Identification

1. Press and hold Code Search button until the red indicator stays on. Release the Code Search button.
2. Press and release the desired mode button (TV, VCR, etc.).  
The red indicator blinks, then stays lit.
3. Press and release the Code Search button. The indicator light blinks off.
4. To find the first digit for the code stored under the mode key pressed in step 2, press each numeric key from 0-9 in turn. When the indicator light blinks off the number you pressed is the first digit for the code you are searching for.
5. To find the second digit, repeat step 4, this time when the indicator light blinks off this is the second digit.
6. Repeat step 4 again to find the third digit.



## Sleep Timer

The Sleep feature enables the remote to turn off the TV after a period of 1 to 99 minutes. Remote is to be in TV mode to set a Sleep Timer. This feature works even if your TV does not have this feature.

1. Press and release the TV Mode key.
2. Press and hold the Sleep button until LED remains on (occurring after approx. 2-3 seconds).
3. Release Sleep button.
4. Press and release the numeric keys (01-99) for the time required. The LED will blink off to indicate keypress acceptance and remain off after second keypress.
5. TV Sleep Timer now set.
6. **Leave the Remote pointing towards the TV with an unobstructed path.**

To cancel the Sleep Timer, press and hold the Sleep key until the LED blinks or press and release the Power key in TV Mode.

## Code Learning

### Tips On Learning

1. Use fresh batteries for both the Learning Remote and the Original Remote.
2. Perform a Master clear (see page 15) before learning.
3. Place the original remote end-to-end with the Learning Remote so the IR transmitters on both remotes are directly in line with each other. Keep the two remotes approximately one inch away from each other.
4. Experiment by learning 2 or 3 commands initially (to ensure compatibility and familiarity) and then carry out a Master Clear before completely learning your original remote's commands.
5. Do not try to learn directly under an incandescent or low-energy light as these can cause interference with learning. Keep at least three feet away from any such light sources.



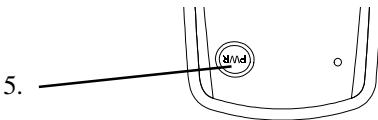


## Code Learning, cont.

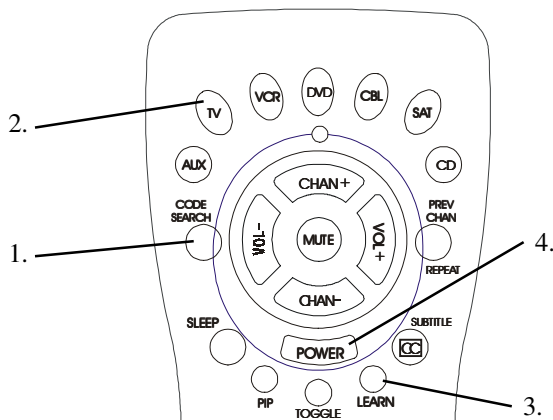
### Learning Commands

1. Press and hold the Code Search button until the red indicator stays on. Release the Code Search button.
2. Press the mode button for the type of device you want to learn (TV, VCR, Cable, etc.). The indicator lights blinks off once.
3. Press the Learn button.
4. Press the button on the Learning Remote that you want to teach, e.g. Power.
5. Point both remotes at each other (see tips on page 11). Press and hold the Original Remote button that you want to learn, e.g. Power, until the indicator light turns off. If there is a problem with learning, the indicator light blinks for three seconds but the remote remains in the Learning mode. If this happens, repeat from Step 4.
6. Repeat Steps 4 and 5 for other buttons you want to learn.
7. Press and release the Code Search button when all desired original remote commands are learned. Code Learning is now complete.

Note :- No functions may be stored under the Code Search button, any mode button, AUX button, or the Learn button.



Approx. 1 inch apart



14

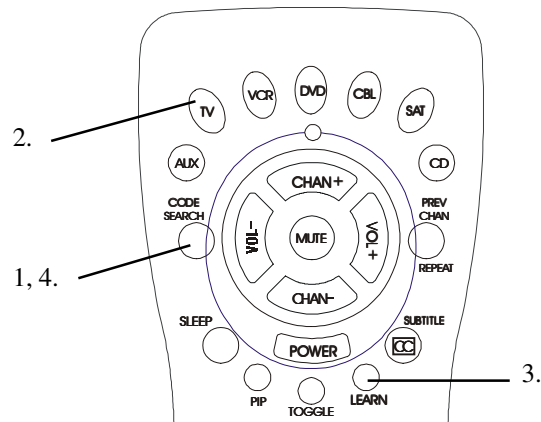


## Code Learning, cont.

### To Clear all Learned Commands under a mode

1. Press and hold the Code Search button until the indicator light turns on. Release the Code Search button.
2. Press and release the button for the mode you want to clear (TV, VCR, etc.). The indicator blinks off.
3. Press and release the Learn button TWICE. The indicator blinks off.
4. Press and release Code Search. The indicator blinks off.

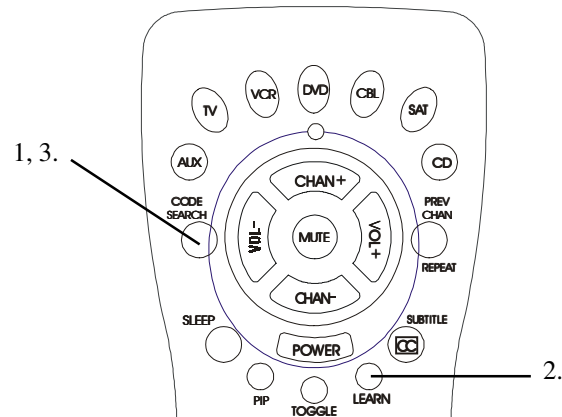
All learned Commands under that mode are now cleared.



### Master Clear - To Clear all Learned Commands, i.e. return to factory defaults

1. Press and hold the Code Search button until the indicator light turns on. Release the Code Search button.
2. Press and release the Learn button TWICE. The indicator blinks off.
3. Press and release Code Search. The indicator blinks off.

All Learned commands in the remote are now cleared.



15



## Code List

### TV

ABEX ..... 120  
 ADMIRAL ..... 701 918  
 ADVENTURA ..... 019  
 AIKO ..... 407  
 ALLERON ..... 206  
 AMARK ..... 603  
 AMTRON ..... 906  
 AKAI ..... 801  
 AMSTRAD ..... 520  
 ANAM NATIONAL .104 805  
 ..... 901 906 920  
 AOC ..... 002 003 102 119  
 ..... 217 302 502 814  
 ARCHER ..... 603  
 AUDIOVOX ..... 906  
 BANG & OLUFSEN ..... 620  
 BELCOR ..... 002  
 BELL & HOWELL ..... 506  
 ..... 601 701  
 BRADFORD ..... 906  
 BROKSONIC ..... 215 316  
 BROKWOOD ..... 002  
 CANDLE .... 002 019 402 502  
 CAPEHART ..... 119  
 CELEBRITY ..... 801  
 CENTURION ..... 502  
 CETRONIC ..... 805  
 CITIZEN .... 002 112 402 407  
 .... 502 512 701 805 906 319  
 CLAIRTONE ..... 003  
 CLASSIC ..... 805  
 CLP ..... 016  
 CLP CLASSIC .... 013 012 001  
 COLORTYME ... 002 502 602  
 CONCERTO ..... 002 502  
 CONCIERGE ..... 713  
 CONTEC/CONY ..... 003 802  
 ..... 805 902 906  
 CRAIG ..... 805 906  
 CROWN ..... 805 906  
 CURTIS MATHES ..... 002  
 ..... 103 112 502 506  
 ..... 512 601 701 704  
 CXC ..... 805 906  
 DAEWOO .. 002 102 110 214  
 ..... 303 311 314 403 407  
 .... 502 503 611 805 809 909  
 DAYTRON ..... 002 502  
 DIMENSIA ..... 601 704  
 DUMONT ..... 002 713  
 DYNASTY ..... 805  
 ELEKTRA ..... 701  
 ELECTROBAND ..... 003 801  
 ELECTROHOME .... 002 502  
 ..... 803 901 914  
 EMERSON . 002 003 004 005  
 ..... 104 105 106 115 204  
 ..... 205 206 213 304 305  
 ..... 316 319 405 502 505  
 ..... 506 519 604 605 705  
 .... 804 805 903 904 905 906  
 ENVISION ..... 002 502

MONTGOMERY WARD 601  
 ..... 701  
 MOTOROLA ..... 901 918  
 MTC ..... 002 003 102  
 ..... 112 502 512  
 MULTITECH ..... 906  
 MULTIVISION ..... 010  
 NAD ..... 002 120 502 512  
 NEC ..... 002 102 110 111  
 ..... 502 510 602 901  
 NIKEI ..... 805  
 NIKKO ..... 002 407 502  
 NTC ..... 407  
 ONKING ..... 805  
 ONWA ..... 805 906  
 OPTIMUS ..... 120 618  
 OPTONICA ..... 111 918  
 ORION ..... 105 115 713  
 PANASONIC ..... 007 107 516  
 ..... 608 618 718 807 901  
 PHILCO ..... 002 009 102 109  
 ..... 309 402 408 502  
 ..... 508 807 901 914  
 PHILIPS .... 002 009 109 202  
 ..... 209 210 310 402 408  
 .... 508 510 807 901 914 917  
 PILOT ..... 002  
 PIONEER ..... 002 120  
 ..... 502 519 610  
 PORTLAND002 102 407 502  
 PRECISION ..... 218  
 PRICE CLUB ..... 112  
 PRISM ..... 107  
 PROSCAN .. 312 601 704 719  
 PROTON ..... 002 119  
 ..... 220 502 910  
 PULSAR ..... 713  
 PULSER ..... 002  
 QUASAR .... 007 107 516 608  
 ..... 618 718 807 901  
 RADIO SHACK/REALISTIC .  
 ..... 002 111 117 406  
 ..... 502 506 601 618 704  
 ..... 705 805 818 906 914  
 RCA .... 002 011 102 211 302  
 .... 312 318 320 406 409 411  
 .... 420 502 511 514 519 601  
 .... 702 711 719 809 811 901  
 ..... 909 911 912 914  
 RHAPSODY ..... 003  
 RUNCO ..... 713  
 SAMPO ..... 002 119 502 818  
 SAMSUNG .. 002 012 102 103  
 .... 112 212 502 512 818 914  
 SAMSUX ..... 502  
 SANSUI ..... 115 215  
 SANYO 002 412 506 619 902  
 SCOTCH ..... 002 502  
 SCOTT ..... 002 004 105  
 ..... 206 502 805 906  
 SEARS . 002 112 206 312 502  
 ..... 506 512 520 601 612  
 ..... 619 704 719 902 914  
 SHARP 002 013 014 111 502  
 ..... 712 812 813 913 918  
 SHOGUN ..... 002

SIGNATURE ..... 601 701 903  
 SIMPSON ..... 402  
 SONIC ..... 003  
 SONY ..... 202 708 801  
 SOUNDESIGN ... 002 206 402  
 ..... 502 805 906  
 SPECTRAVISION ..... 921  
 SQUAREVIEW ..... 520  
 SSS ..... 002 805 906  
 STARLITE ..... 906  
 SUPREMACY ..... 019  
 SUPREME ..... 801  
 SYLVANIA .002 009 109 209  
 ..... 309 402 408 502  
 ..... 508 717 807 914 917  
 SYMPHONIC ..... 520 904 906  
 TANDY ..... 918  
 TATUNG ..... 901  
 TECHNICS ..... 007 107  
 TECHWOOD ..... 002 007  
 ..... 107 502  
 TEKNIKA .. 002 019 102 112  
 .... 206 209 402 407 502 512  
 .... 601 618 701 805 902 906  
 TELECAPTION ..... 313  
 TELERENT ..... 601 701  
 TERA ..... 002 220  
 TMK ..... 002 502  
 TOSHIBA ... 112 313 413 506  
 ..... 510 512 613 902  
 UNIVERSAL ..... 310 806  
 VICTOR ..... 607  
 VIDTECH ..... 002 102 502  
 VIKING ..... 019  
 WARDS ..... 002 004 009 102  
 ..... 109 111 206 209 310  
 ..... 408 502 508 513 601  
 ..... 701 704 806 807 914  
 WHITE WESTINGHOUSE ...  
 ..... 311 611  
 YAMAHA ... 002 102 502 914  
 YUPITERU ..... 805  
 ZENITH ..... 002 008 115  
 ..... 215 405 407 601  
 ..... 701 713 903 916

### VCR

ADMIRAL ..... 224  
 ADVENTURA ..... 726  
 AIKO ..... 826  
 AIWA ..... 126 324 528 726  
 AKAI ..... 027 235 335 424  
 ..... 524 624 724 924  
 ALLEGRO ..... 326 534 925  
 AMERICAN HIGH .... 130 226  
 ASHA ..... 425  
 AUDIO DYNAMICS .025 436  
 AUDIOVOX ..... 525  
 BELL & HOWELL ..... 428  
 BEAUMARK ..... 425  
 BROKSONIC ..... 227 325  
 ..... 530 626 632  
 CALIX ..... 525  
 CANDLE ..... 025 026 425  
 ..... 525 625 725 825



CANNON ... 130 226 535 635  
 CAPEHART ..... 135 534  
 CARVER ..... 330  
 CCE ..... 230 826  
 CITIZEN .... 025 026 425 525  
 ..... 625 725 825 826  
 COLORTYME ..... 025  
 COLT ..... 230  
 CRAIG ..... 230 425 426 525  
 CURTIS-MATHES ..... 025  
 ..... 124 130 226 324  
 ..... 425 526 635 725  
 CYBERNEX ..... 425  
 DAEWOO .. 026 135 625 626  
 ..... 726 825 826 926  
 DAYTRON ..... 135  
 DBX ..... 025 436  
 DIMENSIA ..... 124  
 DYNATECH ..... 324 726  
 ELECTROHOME .... 027 525  
 ELECTROPHONIC ..... 525  
 EMERSON . 027 028 127 128  
 ..... 130 226 227 228 324  
 ..... 325 327 427 428 525  
 ..... 526 527 528 625 626  
 ..... 627 628 630 634 724  
 .... 726 727 735 827 828 927  
 FISHER ..... 025 029 129 328  
 ..... 330 426 428 928  
 FUJI ..... 130 226 524  
 FUNAI ..... 324 726 924  
 GARRARD ..... 726  
 GE ..... 124 130 136 226  
 ..... 425 429 635 835  
 GOLDSTAR ..... 025 236 525  
 GRADIENTE ..... 726  
 GO-VIDEO ..... 438 537  
 HARLEY DAVIDSON .... 726  
 HARMAN KARDON 025 930  
 HARWOOD ..... 230  
 HEADQUARTER ..... 428  
 HITACHI ... 136 235 324 336  
 ..... 538 629 638 829 834  
 HI-Q ..... 426  
 INSTANT REPLAY ..... 130  
 ..... 226 924  
 INTEQ ..... 525  
 JCL ..... 130 226  
 JC PENNEY ..... 025 130 235  
 ..... 425 428 436 525  
 ..... 629 635 834 935  
 JENSEN ..... 235 629  
 JVC ..... 025 235 326 428 436  
 KENWOOD ..... 025 235  
 ..... 428 436 725  
 KLH ..... 230 237  
 KODAK ..... 130 226 525  
 LLOYD ..... 324 726  
 LOGIK ..... 230  
 LXI ..... 525  
 MAGNAVOX .... 130 226 330  
 ..... 534 536 635 734  
 MAGNIN ..... 425  
 MARANTZ 025 130 226 330  
 ..... 428 436 530 535 725  
 MARTA ..... 525  
 MASUSHITA ..... 130 226  
 MEI ..... 130 226  
 MEMOREX ..... 130 224 226  
 ..... 324 335 425 426  
 ..... 428 525 534 726  
 MGA ..... 027 630  
 MGN TECHNOLOGY .... 425  
 MIDLAND ..... 429  
 MINOLTA ..... 629 834  
 MITSUBISHI .... 027 031 131  
 ..... 229 231 329 431 436  
 ..... 531 629 630 730 930  
 MONTGOMERY WARD 224  
 ..... 631  
 MOTOROLA .... 130 224 226  
 MTC ..... 324 425 726  
 MULTITECH ..... 324 425  
 ..... 726 429 230  
 NEC .... 025 235 428 526 530  
 ..... 725 731 831 931 436  
 NIKKO ..... 525  
 NOBLEX ..... 425  
 OLYMPUS ..... 130 226  
 OPTIMUS ..... 035 224 525  
 ..... 537 737 837 937  
 OPTONICA ..... 537 631  
 ORION ..... 227  
 PANASONIC ..... 035 039 130  
 ..... 226 635 636 937 938  
 PENTAX ... 136 629 725 834  
 PENTEX RESEARCH .... 025  
 PHILCO ..... 130 226 330 635  
 PHILIPS ..... 130 226 330  
 ..... 536 631 734 738  
 PILOT ..... 525  
 PIONEER ... 132 232 436 629  
 PORTLAND026 135 725 825  
 PROSCAN ..... 124  
 PROTEC ..... 230  
 PULSAR ..... 534  
 QUARTER ..... 428  
 QUARTZ ..... 428  
 QUASAR ... 130 226 635 636  
 RCA ..... 033 124 130 133  
 ..... 136 226 233 332  
 ..... 424 425 432 532 629  
 ..... 636 732 832 834 932  
 RADIOSHACK/REALISTIC ..  
 ..... 027 029 035 124 129  
 ..... 130 224 226 324 335  
 ..... 425 426 428 525 631  
 ..... 635 726 737 837 937  
 RADIX ..... 525  
 RANDEX ..... 525  
 REPLAY ..... 938  
 RICOH ..... 936  
 RUNCO ..... 534  
 SAMSUNG .. 037 335 425 427  
 ..... 429 537 624 625 629  
 SANKY ..... 224 534  
 SANSUI ..... 235 333 436  
 SANYO ..... 328 425 426 428  
 SCOTT ..... 325 327 433 625  
 ..... 626 630 735 927  
 SEARS ..... 029 129 130  
 ..... 226 330 426 428  
 ..... 525 629 834 928 935

SHARP ..... 027 224 324 338  
 ..... 631 637 737 825  
 SHINTOM ..... 230 337  
 ..... 524 629 936  
 SHOGUN ..... 425  
 SIGNATURE ..... 324  
 SINGER ..... 130 226 230  
 SONY ..... 034 038 138  
 ..... 238 524 838 936  
 STS ..... 130 226 629 834  
 SYLVANIA ..... 130 324 330  
 ..... 536 630 635 726  
 SYMPHONIC .... 225 324 726  
 TANDY ..... 324 428  
 TASHIKO ..... 525  
 TATUNG ..... 235  
 TEAC ..... 235 324 726  
 TECHNICS ..... 035 130 226  
 TEKNIKA ..... 130 134 226  
 ..... 324 525 726  
 TiVo ..... 738 838  
 TOSHIBA ..... 029 330 433  
 ..... 625 629 630 735  
 TOTEVSION ..... 425 525  
 TMK ..... 425 526 828  
 UNITECH ..... 425  
 VECTOR RESEARCH .... 025  
 ..... 436  
 ..... 625 725  
 VICTOR ..... 436  
 VIDEO CONCEPTS .. 025 027  
 ..... 436 625 725  
 VIDEOSONIC ..... 425  
 WARDS ..... 027 130 224 226  
 ..... 230 234 324 425 426 525  
 ..... 625 629 631 726 735 834  
 WHITE WESTINGHOUSE ...  
 ..... 324 924  
 XR-1000 .... 130 226 230 726  
 YAMAHA ... 025 235 428 436  
 ZENITH .... 030 036 125 326  
 ..... 436 437 524 525 534  
 ..... 632 824 925 929 936

GENERAL INSTRUMENT ...  
 ..... 053 453 454 552 554  
 ..... 654 752 754 947 952  
 HAMLIN ..... 649 749 849  
 HITACHI ..... 947  
 HYTEX ..... 847  
 JASCO ..... 748  
 JERROLD ..... 048 050 148  
 ..... 254 348 449 454 552  
 ..... 554 652 747 752 947  
 MAGNAVOX ..... 150  
 MEMOREX ..... 250  
 MOVIE TIME ..... 350 847  
 NSC ..... 350 847  
 OAK ..... 249 550 847  
 PACE ..... 854  
 PANASONIC ..... 452 647  
 PARAGON ..... 250  
 PHILIPS .... 150 549 650 748  
 ..... 750 848 850 948  
 PIONEER ..... 051 451 950  
 PULSAR ..... 250  
 RADIO SHACK ..... 152  
 RCA ..... 352 647  
 REALISTIC ..... 548  
 REGAL ..... 849  
 REGENCY ..... 349  
 REMBRANDT ..... 947  
 RUNCO ..... 250  
 SAMSUNG ..... 049 051  
 SCIENTIFIC ATLANTA 248  
 ..... 251 351 451  
 SIGNAL ..... 049 449  
 SIGNATURE ..... 947  
 SL MARX ..... 049  
 SPRUCER ..... 647  
 STANDARD COMPONENTS  
 ..... 551  
 STARCOM ..... 348 449 747  
 STARGATE ..... 049 449  
 STARSIGHT ..... 653  
 STAR SIGHT CABLE  
 SERVICE ..... 352  
 STARQUEST ..... 449  
 STAR TRAK ..... 253  
 TANDY ..... 651  
 TELEVIEW ..... 049  
 TELEWEST ..... 854  
 TEXSCAN ..... 551  
 TOCOM ..... 048 751 952  
 TOSHIBA ..... 250  
 TUSA ..... 449  
 TV86 ..... 350  
 UNIKA ..... 448 548 748  
 UNITED ARTISTS ..... 847  
 UNITED CABLE ..... 747  
 UNIVERSAL ..... 448 548  
 ..... 648 748 851  
 VIDEOWAY ..... 052  
 VIEWSTAR 149 150 350 651  
 VIDEO TECH ..... 656  
 ZENITH ..... 054 154 250  
 ..... 353 354 450 553  
 ..... 653 753 853 951 953

## Cable

ABC ..... 048 148 248  
 ..... 348 747 847 947  
 ALLEGRO ..... 054 154  
 AMERICAST ..... 354  
 ANTRONIX ..... 448 548  
 ARCHER ... 448 548 648 748  
 CABLETENNA ..... 448  
 CABLEVIEW ..... 448  
 CENTURY ..... 748  
 CITIZEN ..... 748  
 COLOUR VOICE ..... 848 948  
 COMTRONICS ..... 049 149  
 CONTEC/CONY ..... 249  
 EASTERN ..... 349  
 GARRARD ..... 748  
 GC ELECTRONICS ..... 548  
 GEMINI ..... 449 549  
 GE ..... 556





## SAT

AMPLICA ..... 159  
 CHANNEL MASTER ..... 359  
 ..... 459 559  
 CHAPPARAL ..... 657 659 757  
 CHEYENNE ..... 757  
 DRAKE ..... 059 360 857  
 DISH NETWORK ..... 366 460  
 ..... 464 560 660 962  
 DX ANTENNA ..... 458 859  
 ECHOSPHERE ..... 464  
 ECHOSTAR ..... 366 460 464  
 ..... 560 660 962  
 EXPRESSVU ..... 464  
 FUJITSU ..... 760 860  
 GE ..... 265 863  
 GENERAL INSTRUMENTS .  
 ..... 058 066 158 166  
 ..... 258 865 960 965  
 DSS HITACHI ..... 765 864  
 DSS HUGHES SATELLITE ...  
 ..... 465 564 664 864 964  
 JANEIL ..... 261  
 JERROLD ..... 361  
 JVC ..... 466  
 KENWOOD ..... 461  
 LUXOR ..... 561  
 DSS MAGNAVOX ..... 259  
 ..... 565 862  
 MACOM STATE ..... 661  
 NORSTAT ..... 761 861  
 DSS PANASONIC ..... 260 264  
 PRIMESTAR ..... 364  
 PHILIPS ..... 259 565 862  
 PHILIPS/MAGNAVOX ... 259  
 ..... 565 862  
 PIONEER ..... 060  
 PROSCAN ..... 265 863  
 DSS RCA ..... 265 866 966  
 REALISTIC ..... 358 961  
 SAMSUNG ..... 061  
 SCIENTIFIC ATLANTA 362  
 SHARP ..... 062  
 SIERRA I II III ..... 757  
 DSS SONY ..... 160 963  
 STARCHOICE ..... 364  
 STAR SIGHT ..... 964  
 STAR TRAK ..... 462  
 STS ..... 458 558 658 758  
 SUPER GUIDE ..... 562  
 TOSHIBA ..... 858  
 TOSHIBA DSS ... 064 164 764  
 UNIDEN ..... 762 958  
 DSS UNIDEN ..... 964  
 VIDEO CIPHER II ..... 059  
 ZENITH ..... 059 065 165  
 ..... 266 360 857 957

## CD

ADC ..... 667  
 ADCOM ..... 073 767  
 AIWA ..... 787 867 885 967  
 AKAI ..... 173 375 684  
 AUDIO TECHNICA ..... 168  
 CALIFORNIA AUDIO LABS  
 ..... 273  
 CAPETRONIC ..... 568  
 CARVER ..... 184 268 368 468  
 CASIO ..... 379  
 CITIZEN ..... 284  
 CURTIS MATHES ..... 379  
 DENON ..... 668  
 EMERSON ..... 767 868 968  
 FISHER ..... 169 269  
 ..... 368 369 473  
 GE ..... 174  
 GENEXXA .469 573 868 968  
 GOLDSTAR ..... 673  
 HARMON KARDON 669 770  
 HITACHI ..... 469  
 INKEL ..... 769  
 JC PENNEY ..... 379 670  
 JVC ..... 869 982  
 KENWOOD ..... 070 170 374  
 ..... 474 484 969  
 KRELL ..... 268  
 KYOCERA ..... 667  
 LUXMAN ... 270 370 475 574  
 LXI ..... 379 868  
 MAGNAVOX ..... 268 681 774  
 MARANTZ 268 470 570 874  
 MCS ..... 379 670  
 MGA ..... 770  
 MISSION ..... 268  
 MITSUBISHI ..... 770 870  
 NAD ..... 773  
 NAKAMICHI ..... 071 784 970  
 NEC ..... 670  
 NIKKO ..... 168 269 968  
 NSM ..... 268  
 ONKYO ..... 171 271 782 873  
 OPTIMUS ..... 070 076 368  
 ..... 371 376 468 469  
 ..... 471 571 671 776 868  
 PANASONIC ..... 273 675 974  
 PHILIPS ..... 184 268 774  
 PIONEER ..... 385 469  
 ..... 573 771 871  
 PROTON ..... 268  
 QUASAR ..... 273  
 RCA ..... 086 181 368 767  
 ..... 868 971 973 988  
 REALISTIC 368 371 469 568  
 ..... 570 571 767 868 968  
 ROTEL ..... 268  
 RS ORIGINAL ..... 272 468  
 SAE ..... 268  
 SAMSUNG ..... 775  
 SANSUI ..... 072 075  
 ..... 268 868 973  
 SANYO 172 175 368 473 875  
 SCOTT ..... 767 868 968  
 SEARS ..... 070 379 570 868

SHARP ..... 070 569 570  
 SHERWOOD ..... 272 471  
 ..... 570 587 769  
 SHURE ..... 670  
 SONY .. 081 372 472 681 880  
 STS ..... 667  
 SYLVANIA ..... 268  
 SYMPHONIC ..... 572  
 TEAC ..... 269 287 570  
 ..... 571 572 672 772  
 TECHNICS .273 683 887 974  
 THETA DIGITAL ..... 774  
 TOSHIBA ..... 773  
 VICTOR ..... 869  
 YAMAHA ..... 074 168  
 ..... 286 872 972  
 ZENITH ..... 080 269  
 ..... 577 674 686

## Laser Disc

DENON ..... 132  
 PIONEER ..... 132  
 PROSCAN ..... 432  
 RCA ..... 432  
 SANYO ..... 824  
 SONY ..... 933  
 ZENITH ..... 824

## Audio

AIWA ..... 585 687 786 885  
 CARVER ..... 184  
 CITIZEN ..... 284  
 DENON ..... 383 981  
 FISHER ..... 083 783  
 GOLDSTAR ..... 278  
 HARMON KARDON 082 483  
 JVC ..... 583 680 982  
 KENWOOD ..... 283 482  
 ..... 484 884 969  
 MAGNAVOX ..... 083 281  
 MARANTZ ..... 084 470  
 NAD ..... 575 773  
 ONKYO ..... 182 782 882  
 OPTIMUS .. 077 368 376 476  
 ..... 576 676 776 876 980  
 PANASONIC ..... 183 682  
 PHILIPS .... 083 084 184 983  
 PIONEER ..... 385  
 RCA ..... 181 373 384 688  
 ..... 779 788 878 888  
 REALISTIC ..... 883  
 RS ORIGINAL ..... 077 272  
 ..... 282 980  
 SANYO ..... 172  
 SCOTT ..... 478  
 SHARP ..... 070 582 768  
 SHERWOOD ..... 272 282  
 ..... 487 587  
 SONY ..... 085 180 185 285  
 ..... 381 479 481 581 984  
 TEAC .. 187 287 382 387 672  
 TECHNICS ..... 088 183 682  
 ..... 780 983 987  
 VENTURER ..... 176  
 YAMAHA ... 286 386 485 486  
 ..... 586 685 781 785 881  
 ZENITH ... 080 083 178 269  
 ..... 278 576 577 674 686

## DVD

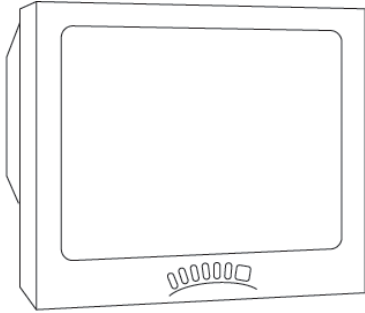
AIWA ..... 043  
 AKAI ..... 141  
 APEX ..... 044  
 DENON ..... 641 743  
 ELTA ..... 045 145  
 EMERSON ..... 241  
 FISHER ..... 243  
 GE ..... 644  
 GO-VIDEO ..... 342 244  
 HITACHI ..... 042 543 545  
 HARMAN/KARDON ..... 344  
 JVC ..... 242 443  
 INTEGRA ..... 843  
 KENWOOD ..... 641 544  
 KONKA ..... 642 742 842 942  
 MAGNAVOX ..... 441 442  
 MARANTZ ..... 441 442  
 MITSUBISHI ..... 841  
 MUSTEK ..... 744  
 NAD ..... 944  
 NAKAMICHI ..... 844  
 ONKYO ..... 843  
 ORITRON ..... 143  
 PANASONIC ..... 641 741  
 PHILIPS ..... 441 442 943  
 PIONEER ..... 042 545  
 PROSCAN ..... 941  
 RCA ..... 941 644  
 SAMSUNG ..... 342  
 SAMPO ..... 343  
 SEG ..... 444  
 SHARP ..... 341  
 SHERWOOD ..... 144  
 SHINCO ..... 644  
 SONY ..... 541  
 TEAC ..... 042 545  
 TOSHIBA ..... 441 245  
 ZENITH ..... 241 142 345  
 YAMAHA ..... 641 643  
 YAMAKAWA ..... 445





## Product Operation

After the batteries are installed and you have programmed the remote for the codes that operate your products, you can use your remote to operate a TV, VCR, Cable Box, CD Player, or Satellite System, etc.



TV (Press **TV** First)



VCR  
(Press **VCR** First)



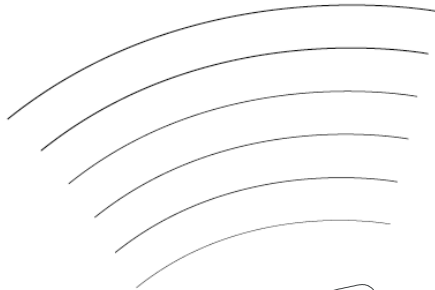
DVD Player  
(Press **DVD** first)



Satellite System  
(Press **SAT** first)

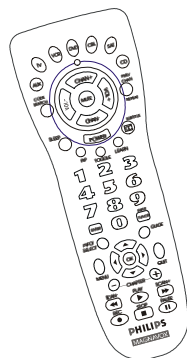


CD Player  
(Press **CD** first)



### To Operate:

1. Press the TV, VCR, CBL, SAT, etc. button (depending on which product you want to operate).
2. Aim the remote at the product.
3. Press POWER to turn on the product.
4. Press other buttons to operate the features of your product.



## Troubleshooting

### Remote does not operate your product.

- Press the mode button of the product you want to control.
- Program the remote with a new code.
- Install new batteries. (You might have to reprogram your remote after installing new batteries.)
- Remote may not be compatible with your product.

### Remote does not operate some features of your product.

- Program remote with a new code.
- Remote may not be able to operate all features of your product or button names might be different than your product.

### Indicator light blinks after you program a product code.

- Remote did not accept the code.
- Try to program the code again or try a different code.





## 90 Day Warranty

This product is manufactured to PHILIPS MAGNAVOX specifications and is free from defects in material, workmanship and assembly. This warranty extends only to the original purchaser and is nontransferable. Should a defect occur under normal operating conditions within 90 days from the date of purchase, PHILIPS MAGNAVOX will provide a comparable replacement free of charge within the warranty period, to the original purchaser. Defective product must be returned, with the dated proof of purchase, to the place of purchase for replacement. This warranty does not extend to the product if it has been damaged or rendered defective as a result of accident, misuse, abuse, tampering with or modification. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL PHILIPS MAGNAVOX BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, WHETHER IN CONTRACT, TORT OR NEGLIGENCE. Some States do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some States do not allow exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific rights and you may also have other rights, which vary from State to State.

Made in China-TC, Quality Assured in USA  
Clifton, NJ 07014-1115

