



PROGRAMMING THE TV REMOTE TO WORK WITH ACCESSORY DEVICES

Your TV remote is capable of working not only your TV but also other infrared remote (IR) controlled devices such as VCRs, cable TV converter boxes, satellite receivers, DVD players, and laser-disc players.

If you want to use your TV remote to operate a VCR or other accessory device, you will need to perform this initial check explained in this section. You may also need to go to the sections on the "Code-entry Method" and the "Search Method" in the pages that follow.

BEGIN

- 1 Press the **VCR or ACC(essory)** mode button on the TV remote for the desired accessory device category.

NOTE: Pressing the VCR mode button allows access to product codes for VCRs. Pressing the ACC(essory) mode button allows access to the product codes for cable TV converters, satellite receivers, DVD players, and laser-disc players.

- 2 Point the TV remote toward the desired accessory device and press the **POWER** button.

Does the remote turn the accessory device on?

If yes, **STOP** and try other function buttons on the TV remote. With a VCR, for example, try the Play, Stop, and Rewind buttons, for example. (See page 21 for information on how the remote buttons correspond with accessory device functions.) If they also work the accessory device, then the remote is ready and no further steps are needed.

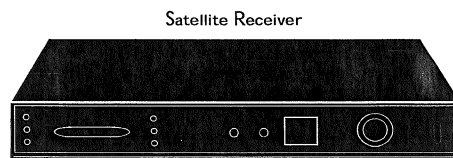
If not, do the following:

Look up a four-digit remote code number on pages 19 or 20 for your brand of accessory device. Then go through the simple steps for entering a four-digit code as explained on page 17.

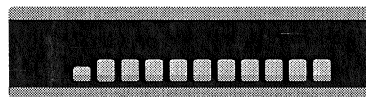


HELPFUL HINT

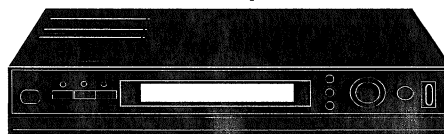
If more than one four-digit code number is listed, you may have to try more than the first number given to locate your device's correct code.



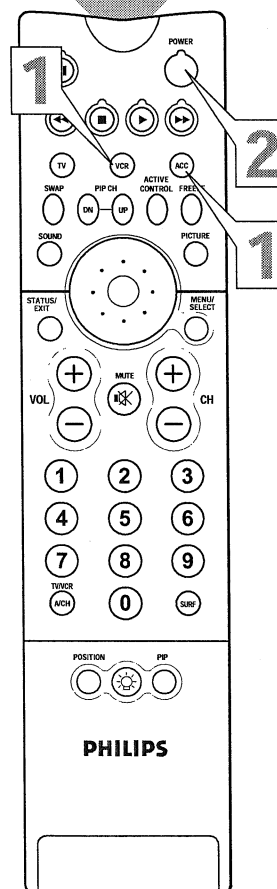
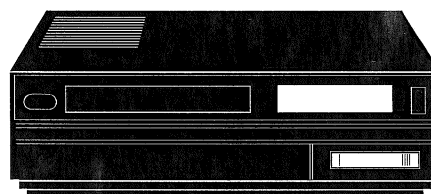
Cable Converter Box



DVD Player



VCR



USING THE CODE-ENTRY METHOD TO PROGRAM YOUR TV REMOTE



Now that you have looked up the four-digit remote-control Direct-entry Code for your brand of accessory device, you are ready to follow the simple steps shown below to program your TV remote.

Please read through all the steps before beginning.

BEGIN

- 1** First, press and hold down the VCR or ACC (for an accessory device other than a VCR) mode button on the TV remote. Then press and hold down the MENU/SELECT button at the same time for a brief moment. Release the buttons. The TV remote back light will switch on.

NOTE: For correct operation, you must first press and hold the mode button and then press and hold the MENU/SELECT button simultaneously.

- 2** Within 30 seconds of pressing the VCR (or ACC) button and MENU/SELECT button, enter a four-digit code for the accessory device (see pages 19 and 20).

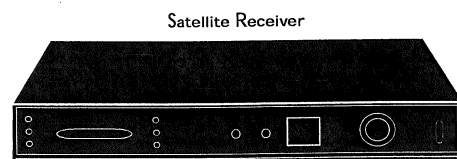
If you make a mistake while attempting to enter the four-digit code and want to start again, press any button other than one with a number. Then return to step 1 to begin again.

- 3** Point the remote at the accessory device. Then press the POWER button on the remote to turn the device on.

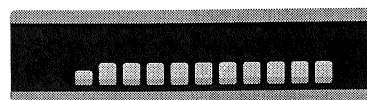


HELPFUL HINTS

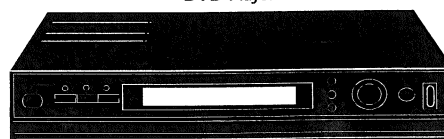
- If you do not enter a complete code within 30 seconds, you will need to perform step 1 of the Code-entry Method again.
- If you enter more than four digits, the unit will retain the first four digits entered.
- If the procedure explained above does not work the first time, repeat the steps using the same remote code number.
- If after a second try the remote does not operate your accessory device, and more code numbers are listed for your brand, use the next listed code number.
- If after repeated attempts the Code-entry Method does not allow you to work your accessory device with your TV remote, try the Search Method explained on the next page.



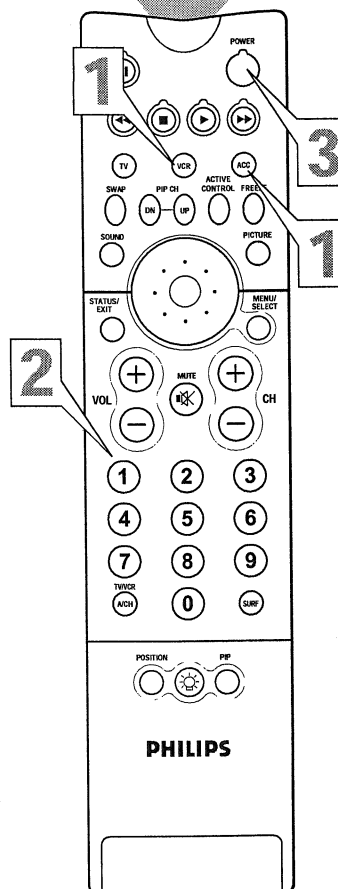
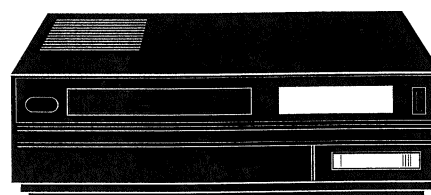
Cable Converter Box



DVD Player



VCR





USING THE SEARCH METHOD TO PROGRAM YOUR TV REMOTE

Your TV remote can be set to work various accessory devices (VCRs, cable converters, and satellite receivers, for example) by what is called the Search Method.

NOTE: The Search Method works only with devices equipped with channel-display indicators on the devices themselves or the ability to show channel numbers on the TV screen. If the Code-entry Method (shown in the previous section) did not enable your TV remote to work your accessory device, then follow the easy steps listed below. Please read the steps once before performing them.

BEGIN

- 1 Turn on the desired device. Press and hold down the VCR or ACC (for an accessory device other than a VCR) mode button on the TV remote. Then press and hold down the SURF button as you hold down the desired mode (VCR or ACC) button.**

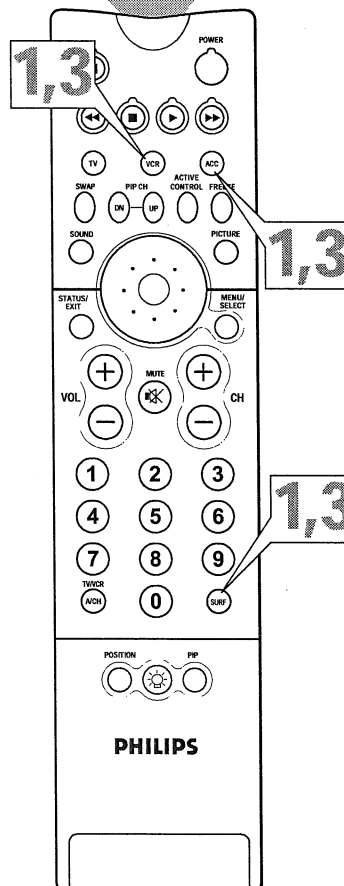
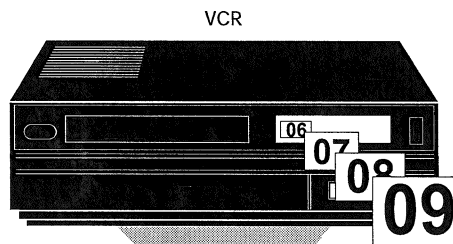
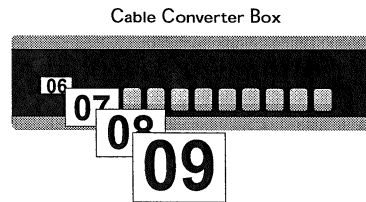
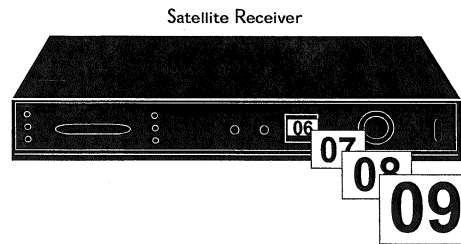
NOTE: For correct operation, you must press and hold down the desired mode (VCR or ACC) button first and then press and hold down the SURF button second.

While holding down the SURF and the desired mode (VCR or ACC) buttons simultaneously, point the remote toward the accessory device and continue holding the buttons down.

- 2 Watch the Channel Indicator on your accessory device.** Channel numbers will scan up when the TV remote has identified the correct code for your accessory device. This may take several minutes.

- 3 Release the mode (VCR or ACC) and SURF buttons as soon as channel numbers start to scan up.** The scanning means that your TV remote has found the code for your accessory device.

NOTE: If no channel change happens after several minutes, repeat steps 1 and 2. Then if a channel change still does not occur, the remote will not work with the desired accessory device.



HELPFUL HINTS

- The remote's back light will blink as the remote moves through its product code list. After the remote identifies the product code for your accessory device and you release the remote buttons, the back light will blink twice.
- Your TV remote may locate the accessory device's code quickly or within several minutes.
- Don't let the accessory device scan up more than five channels when the correct code is found—the remote may pass up the right code and have to repeat the search cycle.



DIRECT-ENTRY CODES FOR A/V ACCESSORY DEVICES

LASER-DISC PLAYER

	CODE NUMBER
ADS	.0880
AIWA	.0855
CARVER	.0853, 0850, 0858
DENON	.0851, 0849, 0875
DISCO VISION	.0848
FUNAI	.0855
HARMAN/KARDON	.0853
HITACHI	.0848
KENWOOD	.0877
MAGNAVOX	.0853, 0857, 0875

MARANTZ	.0853, 0850
MITSUBISHI	.0849
NAD	.0849
NEC	.0879
NIKKODO	.0884
OPTIMUS	.0849
PANASONIC	.0856
PHILIPS	.0853, 0850
PIONEER	.0849, 0848
POLK AUDIO	.0853
QUASAR	.0856

RCA	.0881, 0874
REALISTIC	.0855
SAMSUNG	.0858
SEGA	.0848
SHARP	.0873
SONY	.0854, 0852, 0878
TECHNICS	.0856
THETA DIGITAL	.0853
VICTOR	.0876
YAMAHA	.0857

CABLE CONVERTER BOX

	CODE NUMBER
ABC	.0030, 0028, 0034, 0035, .0038, 0040, 0041, 0044, .0060
ALLEGRO	.0180, 0342
ANTRONIX	.0049, 0234
APACHE	.0797
ARCHER	.0049, 0066, 0180, 0234, .0824
BBT	.0294
BELCOR	.0083
BELL & HOWELL	.0041
CABLE STAR	.0083
CABLETENNA	.0049
CABLEVIEW	.0049
CENTURY	.0180
CITIZEN	.0180, 0342
COLOUR VOICE	.0052, 0058
COMBAND	.0259
COMTRONICS	.0067, 0087
CONTEC	.0046
DIGI	.0664
EASTERN	.0029
EMERSON	.0824
EVERQUEST	.0042, 0067
FOCUS	.0427
GC ELECTRONICS	.0083, 0234
GE	.0259
GARRARD	.0180
GEMINI	.0042, 0097, 0269, 0824
GENERAL INSTRUMENT	.0303, 0038, 0503, 0837
GOLDSTAR	.0067, 0171
GOODMIND	.0797, 0824

HAMLIN	.0047, 0036, 0286, 0061, .0300
HITACHI	.0038
HYTEX	.0034
JASCO	.0042, 0180, 0342
JERROLD	.0030, 0039, 0303, 0041, .0503, 0038, 0051, 0042, .0837
LINSAY	.0467
MACOM	.0060
MAGNAVOX	.0054
MEMOREX	.0027
MOVIE TIME	.0090, 0183
NSC	.0183, 0090, 0097
NEXUS	.0797
NOVAPLEX	.0645
OAK	.0046, 0034
OPTIMUS	.0048
PANASONIC	.0048, 0134, 0027
PANTHER	.0664
PARAGON	.0027
PHILIPS	.0052, 0058, 0269, 0317, .0054, 0180
PIONEER	.0171, 0050, 0560
POPULAR MECHANICS	.0427
PRELUDE	.0797
PULSAR	.0027
QUASAR	.0027
RCA	.0048
RADIO SHACK	.0042, 0847, 0342, 0824
REALISTIC	.0234
RECOTON	.0427
REGAL	.0300, 0047, 0286

REGENCY	.0029
REMBRANDT	.0038, 0097
RUNCO	.0027
SL MARX	.0067
SAMSUNG	.0067, 0171
SCIENTIFIC ATLANTA	.0035, 0044, 0033, 0504
SEAM	.0537
SIGNAL	.0042, 0067
SIGNATURE	.0038
SPRUCER	.0048
STARSIGHT	.0569, 0449
STARCOM	.0030, 0042
STARGATE	.0067, 0042, 0797, 0824
STARQUEST	.0042
SYLVANIA	.0028
TFC	.0337
TV86	.0090
TANDY	.0285
TELECATION	.0248
TELEVIEW	.0067
TEXSCAN	.0028
TIMELESS	.0445
TOCOM	.0039, 0040
TOSHIBA	.0027
TUSA	.0042
UNIKA	.0180, 0234, 0049
UNITED ARTISTS	.0034
UNIVERSAL	.0234, 0049, 0066, 0083, .0180, 0218
VIEWMASTER	.0847
VIEWSTAR	.0285, 0054, 0087, 0090
ZENITH	.0027, 0552, 0081
ZENTEK	.0427

SATELLITE RECEIVER/DIGITAL SATELLITE SYSTEM

	CODE NUMBER
ALPHA STAR	.0799
AMPLICA	.0099
AMWAY	.0070, 0102
ARUNTA	.0548
ASTRO INDUSTRIES	.0122
BMC	.0114
BSR	.0122
CABLE INNOVATIONS	.0581
CAPETRONIC	.0122
CENTURY	.0565
CHANNEL MASTER	.0045, 0239
CHAPARRAL	.0080, 0236, 0243
CITOH	.0191
CONIFER	.0031
CURTIS MATHES	.0088, 0099
DX ANTENNA	.0068
DRAKE	.0091, 0272, 0045, 0176
ECHOSTAR	.0307, 0802, 0175, 0186, .0296
EXPRESSVU	.0802

GE	.0593
GENERAL INSTRUMENT	.0388, 0896, 0574, 0581, .0654
GOULD	.0082
HNS	.0644
HTS	.0802
HITACHI	.0846
HomeCABLE	.0265
HUGHES NETWORK SYSTEMS	.0776
HYTEK	.0122
IQ	.0237
IQ PRISM	.0237
INTERSAT	.0070
JVC	.0802
JANEIL	.0179
JERROLD	.0388, 0654
LEGEND	.0296
MACOM	.0088, 0045
MAGNAVOX	.0749, 0751
MEMOREX	.0296, 0751
NEXT LEVEL	.0896

NORSAT	.0031
PANASONIC	.0179, 0728
PHILIPS	.0227, 0749, 0751
PICO	.0102
PRIMESTAR	.0654, 0388
RCA	.0593, 0170, 0882
RADIO SHACK	.0581, 0896
RAMSEY	.0102
REALISTIC	.0079, 0078
STS	.0237, 0068
SONY	.0666
STAR CHOICE	.0896
STAR TRAK	.0207, 0448, 0574
STRONG	.0448
TOSHIBA	.0109, 0776, 0817, 0088
TOWN & COUNTRY	.0574
UNIDEN	.0265, 0079, 0101, 0397, .0581, 0751, 0103, 0323, .0749
ZENITH	.0091, 0883, 0088

TELEVISION

	CODE NUMBER
MAGNAVOX	.0583

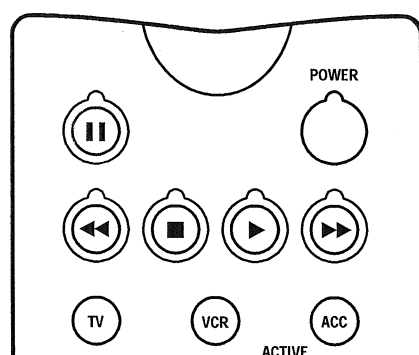
USING THE TV REMOTE WITH ACCESSORY DEVICES



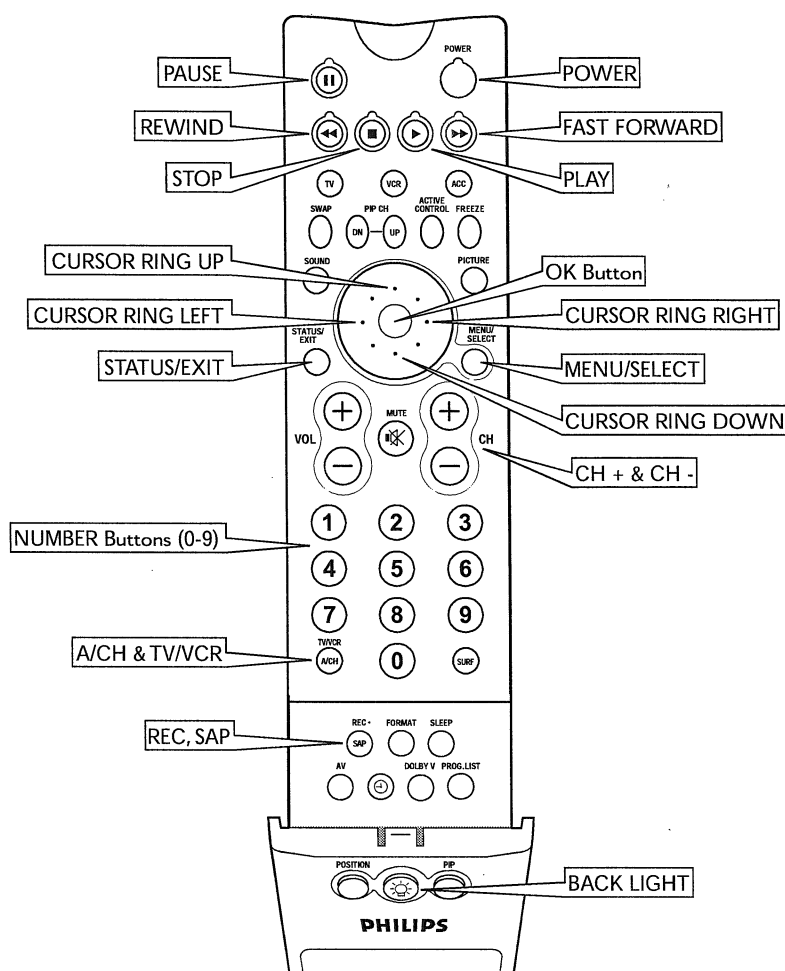
The Chart below provides you with common accessory-device functions associated with the buttons on your Philips TV remote control. (See pages 16–18 for information on programming your TV remote to operate accessory devices.)

NOTES:

- Functions can vary according to the manufacturer's specifications for each accessory device.
- First press the VCR mode button to use the TV remote to operate a VCR.
- First press the ACC mode button to use the TV remote to operate a DVD player, laser-disc player, cable converter box, or satellite receiver/digital satellite system.



**TV Remote VCR
and Accessory Mode Buttons**



Button on TV Remote	Common VCR Function	Common DVD/LD Player Function	Common Cable Converter Box or Satellite Receiver/Digital Satellite System (DSS) Function
POWER	POWER	POWER	POWER
PAUSE	PAUSE	PAUSE	—
REWIND	REWIND	SEARCH REVERSE	—
STOP	STOP	STOP	—
PLAY	PLAY	PLAY	—
FAST FORWARD	FAST FORWARD	SEARCH FORWARD	—
CURSOR RING UP	CURSOR UP	CURSOR UP	CURSOR UP
CURSOR RING DOWN	CURSOR DOWN	CURSOR DOWN	CURSOR DOWN
CURSOR RING RIGHT	CURSOR RIGHT	CURSOR RIGHT	CURSOR RIGHT
CURSOR RING LEFT	CURSOR LEFT	CURSOR LEFT	CURSOR LEFT
OK Button	PROGRAM; MENU	MENU	MENU (also, GUIDE for satellite receivers/DSS)
STATUS/EXIT	EXIT	EXIT	EXIT
MENU/SELECT	SELECT	SELECT	SELECT
CH +	CHANNEL UP	NEXT	CHANNEL UP
CH -	CHANNEL DOWN	PREVIOUS	CHANNEL DOWN
NUMBER Buttons (0–9)	NUMBER SELECTION (0–9)	NUMBER SELECTION (0–9)	NUMBER SELECTION (0–9)
A/CH* and TV/VCR	TV/VCR, A/CH*	—	—
REC, SAP	RECORD (Press with PLAY Button)	—	—
BACK LIGHT**	BACK LIGHT**	BACK LIGHT**	BACK LIGHT**

*A/CH (Alternate Channel) allows you to switch between the currently viewed channel and the previously viewed channel.

**Press the BACK LIGHT button to light the white buttons on the remote.