PH750
Owner's Manual

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Introduction

Congratulations on your purchase of a Philips Universal Remote Control. Philips 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 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.

The remote also transmits wireless radio Frequency (RF) commands. The wireless receiver (included), see page 21, or a video sender (sold separately) receives these commands and converts them to regular Infrared (IR) commands. These IR commands are then emitted from the IR Extender to control your A/V components. This lets you control your A/V components from ANY room in your home - you don't need to aim the remote at your component!

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

FCC Caution

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.

This equipment generates and uses radio frequency energy, and if not installed and used properly, that is, in strict accordance with the manufacturers instructions, it may cause interference to radio and television reception. It has been type tested and found to comply with the limits for remote control devices in accordance with the specifications in Sub-Parts B and C of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by unplugging the equipment, try to correct the interference by one or more of the following measures.

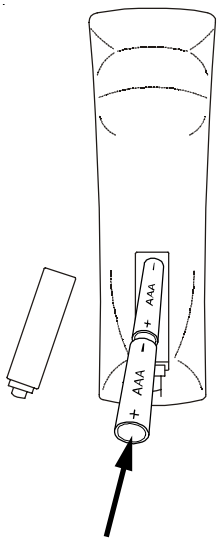
- Reorient the antenna of the radio/TV experiencing the interference.
- Relocate the receiver with respect to the radio/TV.
- Move the receiver away from the radio/TV.
- Plug the receiver into an outlet on a different electrical circuit from the radio/TV experiencing the interference.
- If necessary, consult your local Dealer for additional suggestions.

NOTE: *Modifications to any of the components in this kit will void the user's authority to operate this equipment.*

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.

Power-On Default

The remote powers on in TV mode.

TV Volume/Mute Punch-Through Feature

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.

VCR/DVD Punch-Through Feature

Punch-through to VCR/DVD mode i.e. the 6 keys (**PLAY**, **PAUSE**, **STOP**, **FF**, **REWIND**, and **REC**) is only allowed in modes programmed for TV or Cable codes.

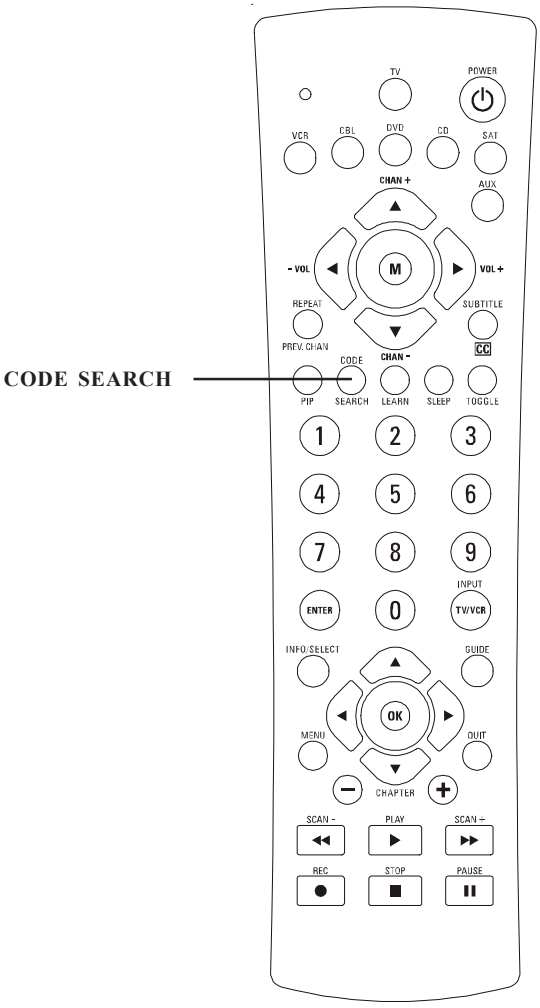
Setup, cont.

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 (on separate sheet), or you can search through the library of codes until you find a code that works for your product.

Please refer to "Programming with Code Search" on page 11 for more information on using the code search feature to learn how to search through the library of codes for your products.

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



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.CHAN** 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 have **PREV.CHAN** ability for the **PREV.CHAN** button to operate this feature.

MUTE Turns off the TV sound while the picture remains.

Indicator light Lights when any button is pressed.

TV, VCR, CBL, DVD, CD, SAT, AUX Selects product to be operated.

PREV.CHAN Returns to the previously selected channel, or DVD repeat toggle. **REPEAT** performs DVD players "A-B Repeat" (or RPT A.B) function for repeat play of current Chapter or Track.

PIP TV Picture-in-Picture control.

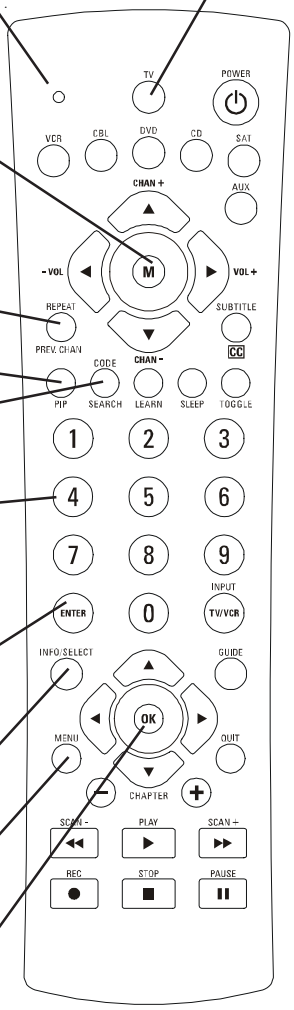
CODE SEARCH For setup.

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.

Button Functions, cont.

CHANNEL Up/Down Changes the channels.

POWER Turns product On or Off.

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

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

LEARN Used to setup learning functions.

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

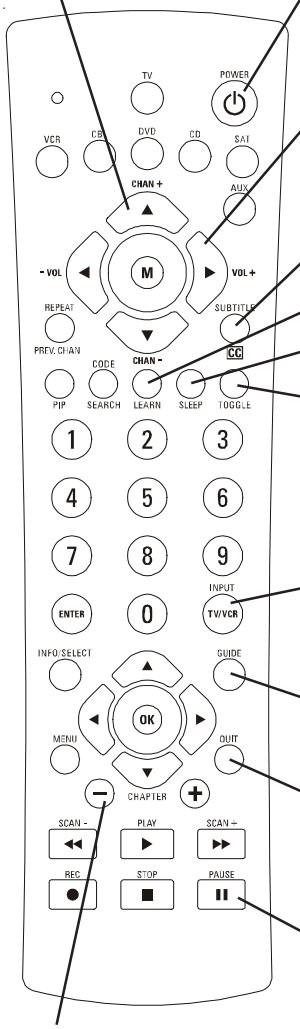
TOGGLE Swaps TV PIP screens.

TV/VCR/INPUT 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.

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 -/+.



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.

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.

Advanced Button Functions

DVD Functions

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 turns the subtitles on or off.
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 pauses Disc playback - press **PLAY** to resume.
INPUT button activates the DVD Player's SETUP Menu.

SAT Functions

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.

Advanced Functions, cont.

VCR/DVD Punch-Through Feature

This remote lets you Punch-through to the last VCR or DVD device used. Normally other types of remotes only punch-through (from another Mode) on the 6 VCR buttons, to the device programmed under the **VCR** Mode button. This is not much use if you are using a DVD programmed under a Mode other than VCR. This remote punches-through to the last VCR or DVD device you used. For example, if you have 3 DVD/VCR devices programmed into this remote, the last one you accessed on the remote will be the one that has control of the 6 VCR/DVD buttons when in any other mode.

TV/VCR/INPUT

When in TV mode the **TV/VCR/INPUT** button performs the INPUT source switch function.

When in a mode that has been programmed for VCR the **TV/VCR/INPUT** button performs the TV/VCR antenna switch function.

When in a mode that has been programmed for Cable the **TV/VCR/INPUT** button performs the A.B switch function.

When in a mode that has been programmed for SAT the **TV/VCR/INPUT** button performs the TV/SAT switch function.

When in a mode that has been programmed for DVD the **TV/VCR/INPUT** button performs the DVD Setup function.

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.

Misc.

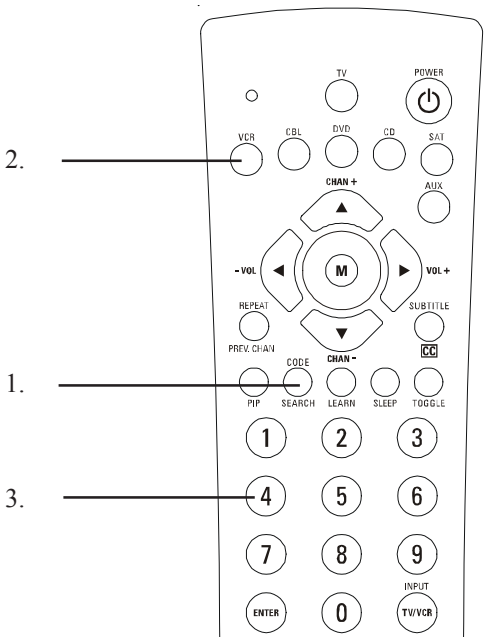
SELECT means same as OKAY - some manufacturers use OKAY label and others use SELECT label on their remotes.

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.

Direct Code Entry

1. Press and hold the **CODE SEARCH** button until the red indicator stays on, then 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 (on separate sheet). 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		
DVD		
CD		
SAT		
AUX		

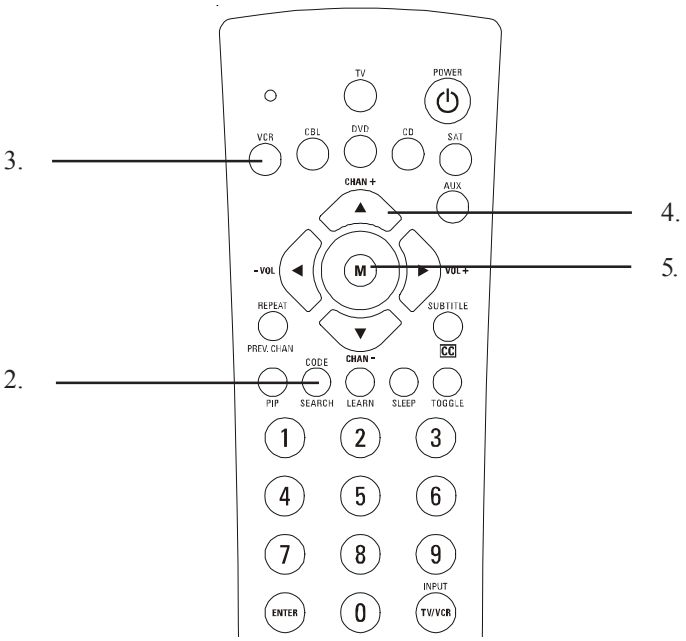
Programming with Code Search

If your product does not respond after you have tried all the codes for your brand, or if your brand is not listed, try searching for your code by following these steps.

1. Manually turn on the device (**TV**, **VCR**, etc.) to be controlled.
2. Press and hold the **CODE SEARCH** button until the red indicator stays on, then release the **CODE SEARCH** button.
3. Press and quickly release the desired mode button (**TV**, **VCR**, etc.). The red indicator blinks off once.
4. Press the **CHANNEL UP** button repeatedly (up to 300 times) until the device to be controlled changes channel. The red indicator blinks off with each button press. 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.
5. Press and release **MUTE** to install the code.

Most users will store VCR codes under the **VCR** button, Cable codes under **CABLE**, etc. If (for example) you want to store a VCR code under **CABLE**, first follow the procedure for Direct Code Entry (page 10) 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 Code Search (or Brand Search, page 12).

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.



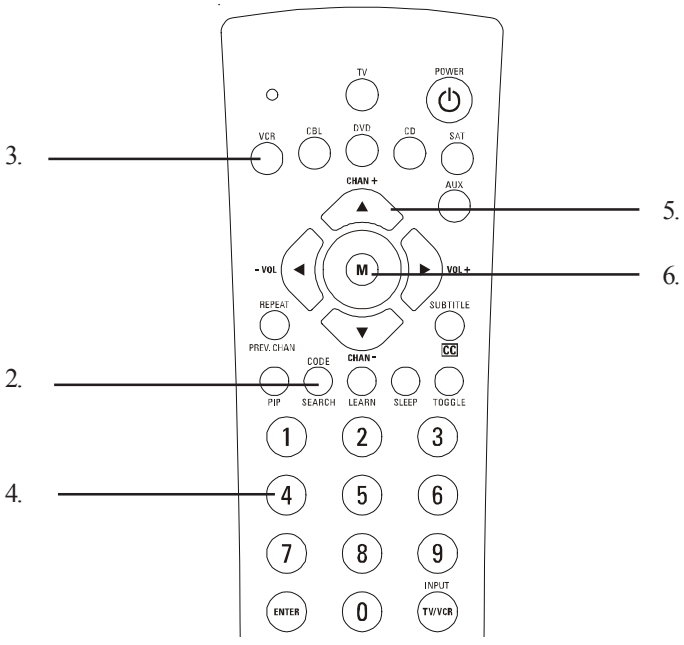
Code Search By Brand

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

1. Turn on the device (TV, VCR, etc.) to be controlled.
2. Press and hold the **CODE SEARCH** button until the red indicator remains on, then release **CODE SEARCH** button.
3. Press and quickly release the desired mode button (**TV**, **VCR**, etc.). The red indicator blinks off once.
4. Press and release the numeric button (**0-9**) corresponding to desired Manufacturer (see table on next page). The red indicator blinks off once. Note, pressing "0" performs a full library search same as normal Code Search Method on previous page.
5. Press the **CHANNEL UP** button ((or **POWER** or **PLAY** (VCR only)) repeatedly until the device to be controlled changes channel. The red indicator blinks off with each button press. 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.
6. Press and release **MUTE** to install the code.

Brand Search Method entry is now complete.

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



Brand Search Table

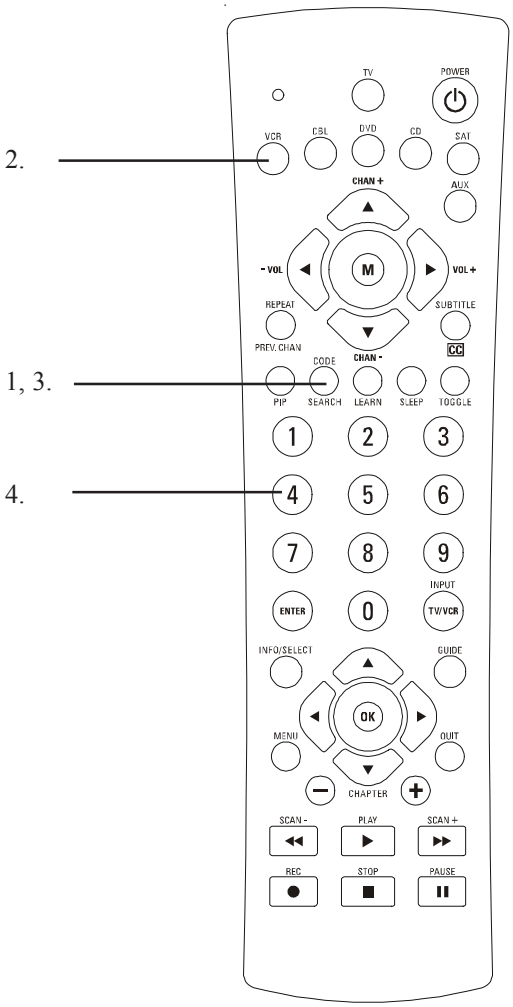
Look up your brand in the appropriate column (TV, VCR, etc.). Look to see what digit (1, 2, 3, etc.) applies to your brand, and enter it in step 4 of "Code Search by Brand" on the previous page.

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	PHILIPS, MAGNAVOX, MARANTZ	GENERAL INSTRUMENT, TOCOM	PHILIPS, MAGNAVOX	PHILIPS, MAGNAVOX, MARANTZ
4	SONY, PANASONIC, SHARP, TOSHIBA, DAEWOO	SONY, PANASONIC, SHARP, TOSHIBA, DAEWOO, YAMAHA, DENON	RCA, GE, PROSCAN, PIONEER	SONY, PANASONIC, TOSHIBA, SHARP	SONY, PANASONIC, TECHNICS, SHARP, TOSHIBA
5	HITACHI, SANYO, JVC, LG-GOLDSTAR, SAMSUNG, MITSUBISHI	HITACHI, SANYO, JVC, LG-GOLDSTAR, SAMSUNG, MITSUBISHI	ZENITH, GEMINI	HITACHI, JVC, SAMSUNG	HITACHI, SANYO, JVC, LG-GOLDSTAR, SAMSUNG, MITSUBISHI
6	SYLVANIA, CURTIS-MATHES, FISHER, EMERSON	SYLVANIA, CURTIS-MATHES, FISHER, EMERSON	PHILIPS, MAGNAVOX	GENERAL INSTRUMENT, ECHOSTAR, DISH, HUGHES, PRIMESTAR	SYLVANIA, CURTIS-MATHES, FISHER, EMERSON, OPTIMUS
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

Code Identification

The Code Identification Feature allows you to identify the three digit library code stored under your device key. For example, if you want to find out what three digit code is stored under your TV device key, follow the six steps below:

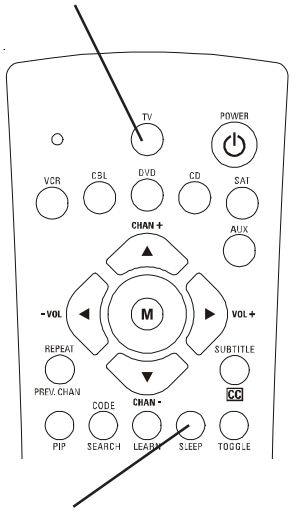
1. Press and hold the **CODE SEARCH** button until the red indicator stays on. Release the **CODE SEARCH** button.
2. Press and release the desired mode button (**TV**, **VCR**, etc.). The red indicator blinks, then stays lit.
3. Press and release the **CODE SEARCH** button. The red indicator blinks 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 red indicator 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 red indicator 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 button.



2. Press and hold the **SLEEP** button until red indicator remains on (occurring after approx. 2-3 seconds).
3. Release the **SLEEP** button.
4. Press and release the numeric buttons (**01-99**) for the time required. The red indicator blinks off to indicate button press acceptance and remains off after the second button press.
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** button for 2-3 seconds until the red indicator blinks or press and release the **POWER** button 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 19) before learning, then try learning 2 or 3 commands initially. Then carry out a Master Clear before completely learning your original remote's commands.
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 about one inch away from each other. For some brands you might need to place the remotes a bit closer, so some experimentation might be needed. See troubleshooting on page 22.
4. Keep at least three feet away from incandescent or low-energy lights when learning.

Note 1: Only learn TV codes under TV mode, VCR codes under VCR mode, etc.

Note 2: No functions may be stored under SLEEP, LEARN, CODE SEARCH, or any Mode button.

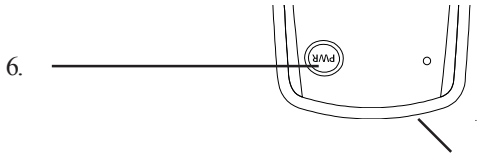
Note 3: Some functions from some types of remotes might not be able to be learned.

Code Learning, cont.

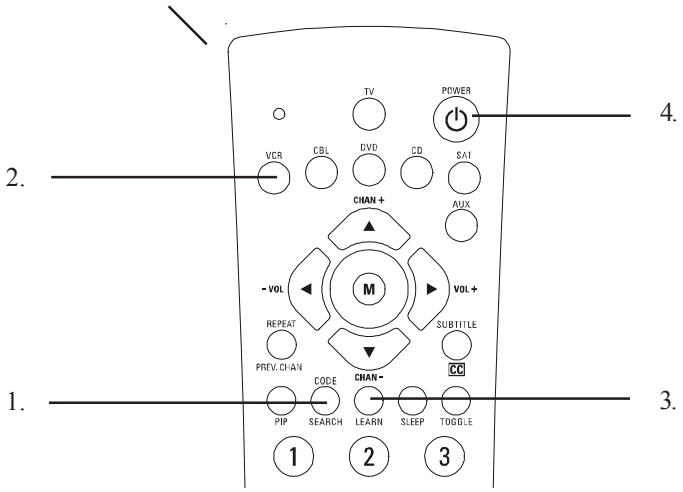
Learning Commands

The learning feature allows you to "learn" functions from your original remote control. For example - you may want to use your remote to operate the RANDOM PLAY feature from your original CD remote control. This remote is equipped with an "easy learning" feature that allows you to "learn" features (such as RANDOM PLAY from your original CD remote) by following the steps below, and on the next page:

1. Press and hold the **CODE SEARCH** button until the red indicator turns on, then release the button.
2. Press and release the desired mode button (**TV**, **VCR**, etc.), the red indicator blinks then stays on.
3. Press and release the **LEARN** button, the red indicator blinks then stays on.
4. Press and release the **Learning Remote** button that you want to teach (e.g. **POWER)**.
5. Point both remotes facing each other by approximately 1 inch apart (see tips on page 16).
6. Press and hold the **Original Remote** button (e.g. Power) until the red indicator blinks once and stays on. If there is a learning problem, the indicator blinks for three seconds and stays on. If this happens, repeat Steps 4 to 6.
7. Repeat Steps 4-6 for other buttons you want to learn.
8. Press and release the **CODE SEARCH** button when all desired remote commands are learned. Code Learning is now complete.



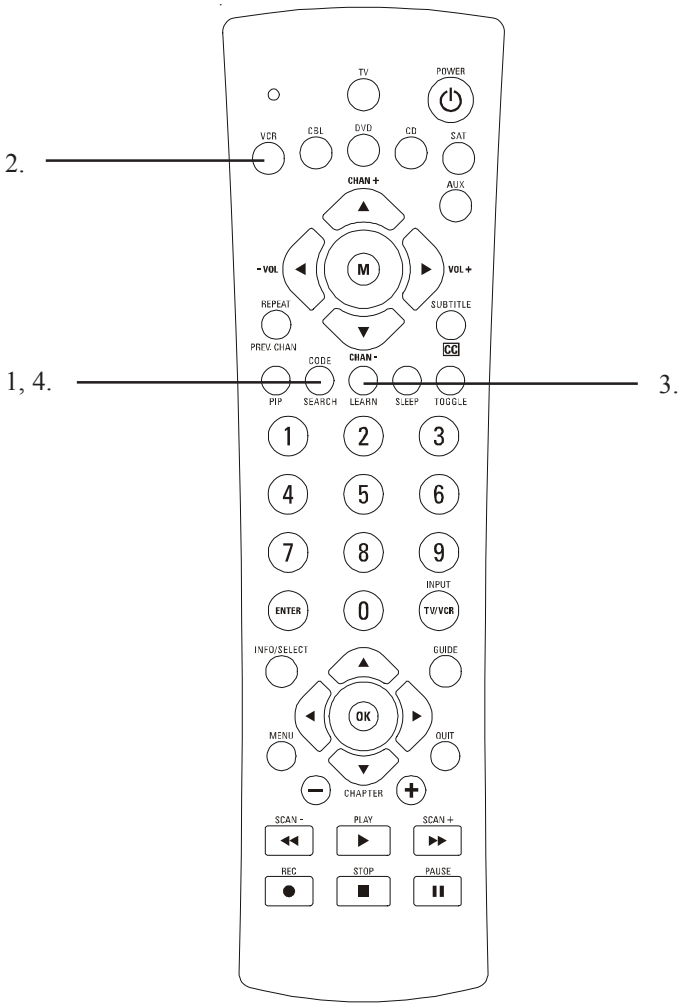
Line up your remotes (that you're learning from) in front of the Learning remote, on a hard surface approx. 1 inch apart.



To Clear all Learned Commands under a mode

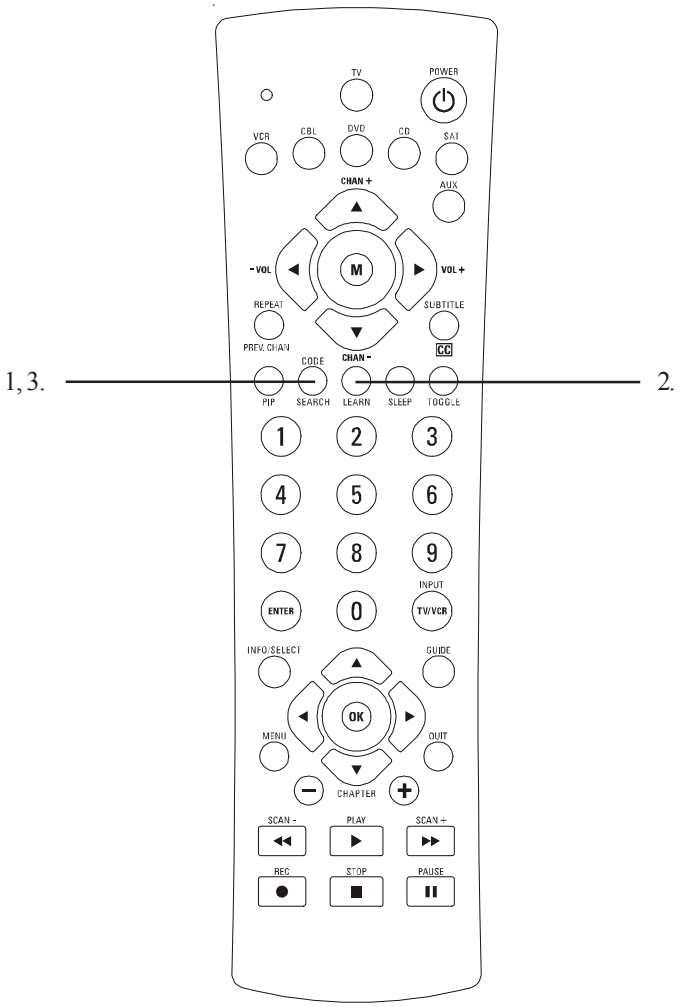
Clearing learned commands is helpful if, for example, you replace your CD player with another brand or model. If you had learned a feature from your old CD player's original remote on to this remote (such as RANDOM PLAY), that feature would no longer work for your new CD player. Should you wish to remove or clear one or more "learned" Modes, follow the steps below:

1. Press and hold the **CODE SEARCH** button until the red indicator turns on. Release the **CODE SEARCH** button.
2. Press and release the button for the mode you want to clear (**TV**, **VCR**, etc.). The red indicator blinks off.
3. Press and release the **LEARN** button TWICE. The red indicator blinks off.
4. Press and release the **CODE SEARCH** button. The red indicator turns off. All learned Commands under that mode are now cleared.



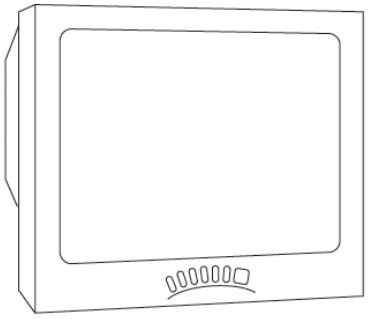
Master Clear - To Clear all Learned Commands under all modes

1. Press and hold the **CODE SEARCH** button until the red indicator turns on. Release the **CODE SEARCH** button.
2. Press and release the **LEARN** button TWICE. The red indicator blinks off.
3. Press and release the **CODE SEARCH** button. The red indicator turns off. All Learned commands in the remote are now cleared.



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.



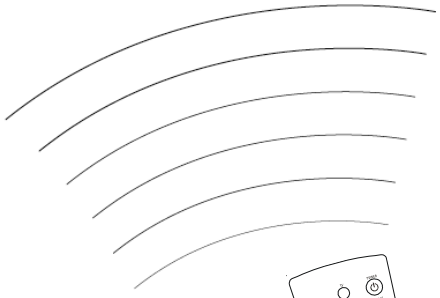
TV (Press **TV** First)

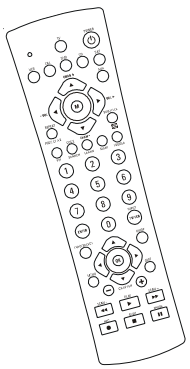
VCR
(Press **VCR** First)

DVD Player
(Press **DVD** first)

Satellite System
(Press **SAT** first)

CD Player
(Press **CD** first)





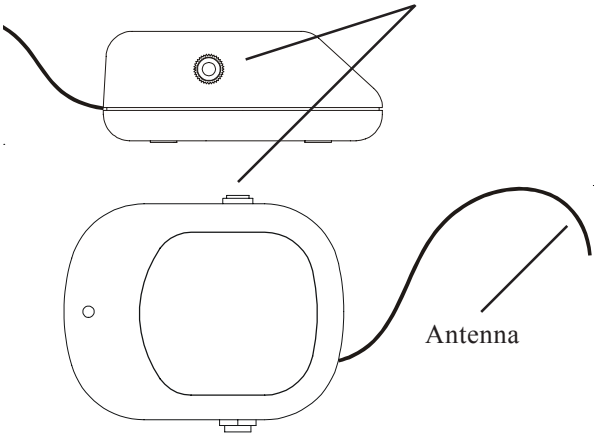
To Operate:

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.

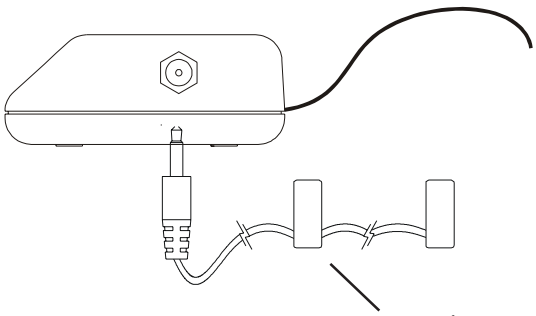
Wireless Receiver

The remote transmits wireless Radio Frequency (RF) commands. The wireless receiver (included) receives these commands and converts them to regular Infrared (IR) commands. These IR commands are then emitted from the IR Extender (also included) to control your A/V components. This lets you control your A/V components from ANY room in your home - you don't need to aim the remote at your component!

Connect the plug-in power supply (included) to this jack and plug the power supply into any 120V AC outlet.



Antenna



IR emitters

Connect the IR Extender cord (included) to this socket and attach the IR emitters to the front of the components you want to control.

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.

Red Indicator blinks after you program a product code.

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

Problems with Learning

Please note that you can only learn one device type under any Mode key. E.G. you can only learn TV codes under the TV mode, VCR codes under the VCR mode, etc. If you are trying to learn from a "Universal" remote, it might have more than one code type stored under a mode. Also, some functions from some types of remotes might not be able to be learned. So try learning from another remote to see if there's a problem with the type or brand of remote you are trying to learn from.

1. Use fresh batteries for both the Learning Remote and the Original Remote.
2. Perform a Master Clear (see page 19) 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 about one inch away from each other. For some brands you might need to place the remotes a bit closer, so some experimentation might be needed.
4. 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.

Note: No functions may be stored under SLEEP, LEARN, CODE SEARCH, or any Mode button.

For help with setup, please call: 919-573-7854.

Lifetime Warranty

Philips warrants that this product shall be free from defects in material, workmanship and assembly, under normal use, in accordance with the specifications and warnings, for the life of the product. This warranty extends only to the original purchaser and is nontransferable. Defective products must be returned with the dated proof of purchase to the place of purchase for replacement. THERE ARE NO OTHER EXPRESS OR IMPLIED WARRANTIES. Incidental or consequential damages are disclaimed where permitted by law.

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