

Video Cassette Player

VPA115AT

## Owner's Manual

**Important!**  
Return your Warranty Registration  
Card within 10 days. See why inside.



**PHILIPS** **MAGNAVOX**



Welcome to your Video Cassette Player owner's manual.

This manual has four sections: Setting Up Your VCP; Description of Controls; Operations; and Information You May Need. The instructions explain all of the VCP's features, which are listed below.

## Features

- AC/DC Power System
- Automatic Head Cleaner
- Automatic Operation Features
- Automatic Tracking Adjustment
- Dew Sensor
- Display Panel
- Picture Control
- Remote Control
- Repeat Playback
- Special Effects Playback: Forward and Reverse Searching; Still

## Safety Precautions

**Warning:** To prevent fire or shock hazard, do not expose this equipment to rain or moisture.

**Federal Communications Commission (FCC) Warning:** Any unauthorized changes or modifications to this equipment void the user's authority to operate it.

This VCP, equipped with a High Quality (HQ) system, is compatible with existing Video Home System (VHS) equipment. Philips Consumer Electronics Company recommends that you use only video cassette tapes that are labeled with the **VHS** mark. The use of other tapes may result in poor picture quality and excessive deposits on the video heads, which may not be covered by the warranty if damage occurs.

**Note to the Cable TV System Installer:** This reminder is provided to call the Cable TV system installer's attention to Article 820-40 of the National Electrical Code, which provides guidelines for proper grounding – in particular, specifying that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as possible.

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### Helpful Hints

- Before doing anything else, record the VCP's model and serial numbers in the spaces provided on page two. These numbers will help us assist you if you ever call for help.
- Your new product, its packaging, and this manual contain materials that can be recycled and reused. Specialized companies can recycle your product to increase the amount of reusable materials and to minimize the amount that needs to be properly disposed. Your product uses batteries that should not be thrown away when depleted but should be disposed of as small chemical waste. Please find out about the local regulations on disposal of your old product, batteries, manual, and packaging whenever you replace existing equipment.

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## Putting Batteries in the Remote Control

# 1

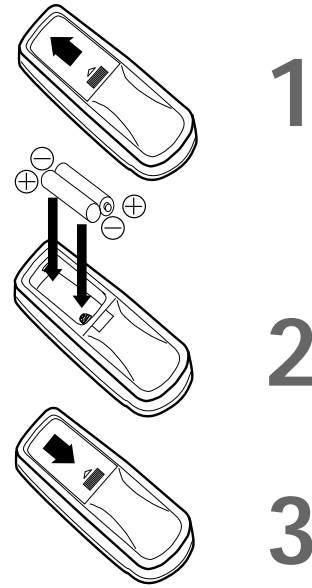
Remove the battery compartment lid on the bottom of the remote control by sliding the lid in the direction of the arrow.

# 2

Insert two AA batteries inside the battery compartment with their + and – ends aligned as indicated.

# 3

Replace the battery compartment lid.



## Using the Remote Control

- Point the remote control at the VCP's remote sensor when operating the VCP.
- Do not put objects between the remote control and the VCP.

## VCR Maintenance

- Use only tapes with the **VHS** mark.
- Remove any light adhesive stick-on notes from the video cassette tape before putting the tape in the VCP. Removable labels can jam the VCP.
- Periodic maintenance is required to maintain your VCP's excellent performance. This VCP has an Automatic Head Cleaner. However, the video heads will require replacement eventually. Only an authorized service center should perform this service.

## Types of Video Cassette Tapes

The chart below shows the playback time for three types of video cassettes (T160, T120, and T60). There are three playback speeds: SP, LP, and SLP.

Tape Speed	Cassette type/Playback Time		
	T160	T120	T60
SP (standard play)	2 hrs. 40 mins.	2 hrs.	1 hr.
LP (long play)	5 hrs. 20 mins.	4 hrs.	2 hrs.
SLP (super long play)	8 hrs.	6 hrs.	3 hrs.

### Helpful Hints

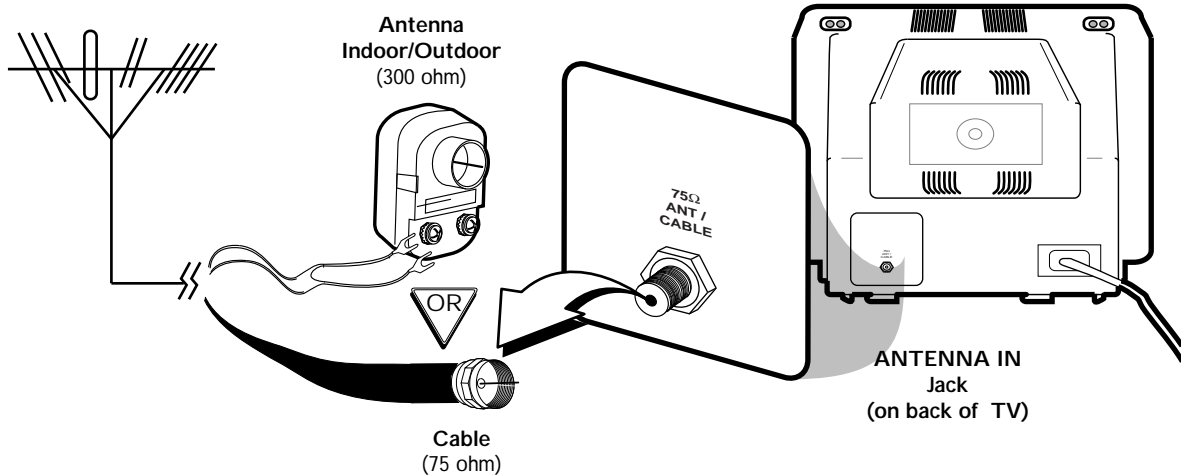
- The remote control and its batteries are supplied.
- Do not mix alkaline and manganese batteries.
- Do not mix old and new batteries.

## 6 Hookups Without a Cable Box

The basic VCP/TV connection – antenna/cable to VCP to TV – is shown below. If you have a Cable Box, please refer to pages eight-nine. If you have a Stereo TV, please go to page 10. To use the VCP in an automobile, go to page 11.

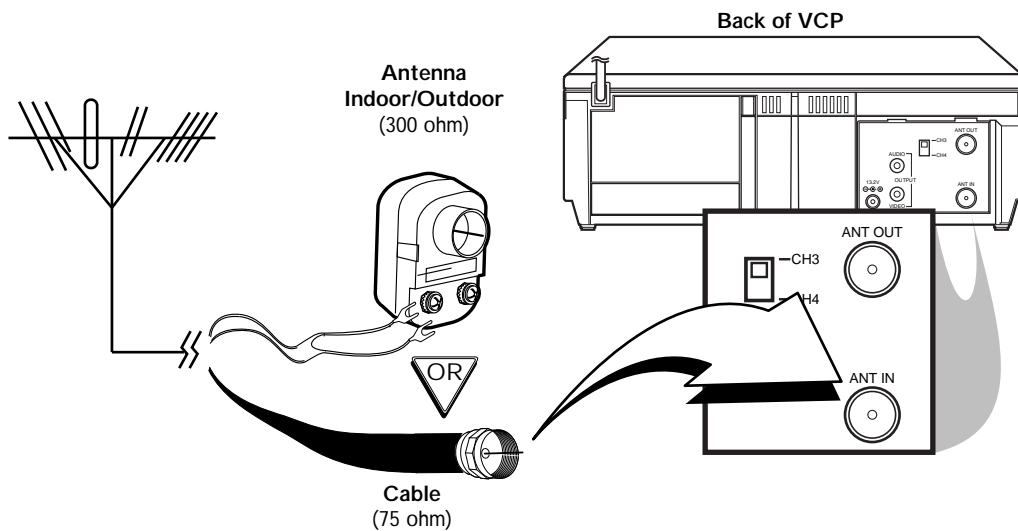
# 1

Disconnect the antenna or cable from your TV.



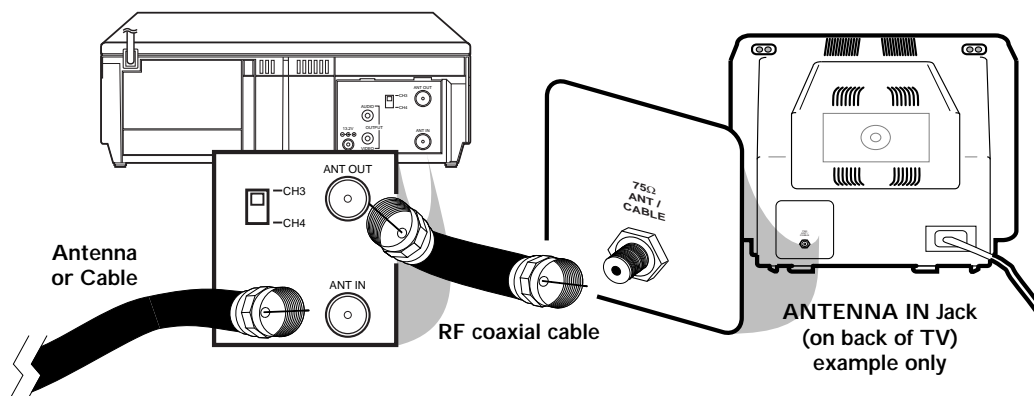
# 2

Connect the antenna or cable to the ANT(enna) IN jack of your VCP.



### 3

Connect the RF coaxial cable (supplied) to the ANT(enna) OUT jack on the back of the VCP and to the ANTENNA IN Jack on the TV. (You may use either a snap-on type or screw-on type of coaxial cable, whichever you prefer. A snap-on type is supplied.)

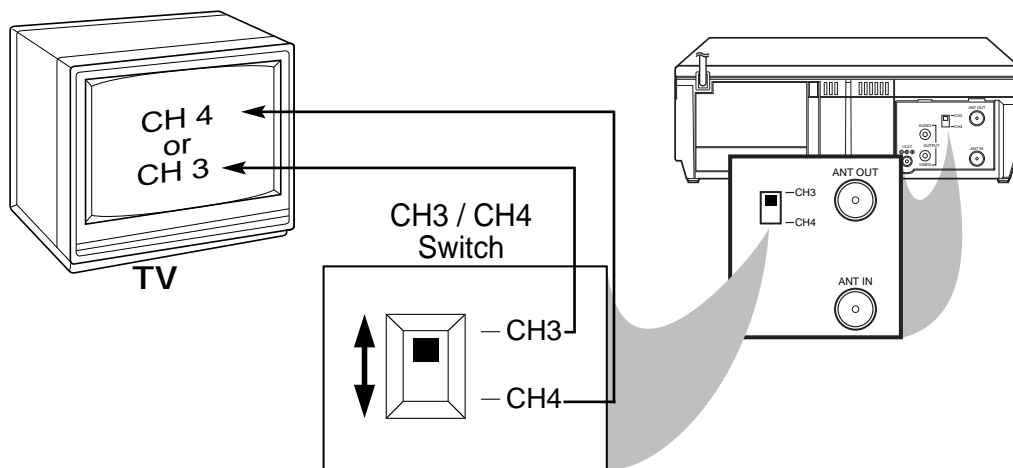


### 4

Plug in the TV and the VCP.

### 5

Set the CH3/CH4 switch on the back of the VCP to CH3 or CH4, whichever channel is not used or least used in your area. To operate your VCP with your TV, set the TV to the same channel. For example, when playing a tape, if the CH3/CH4 switch is set to CH3, the TV should be on channel 3.



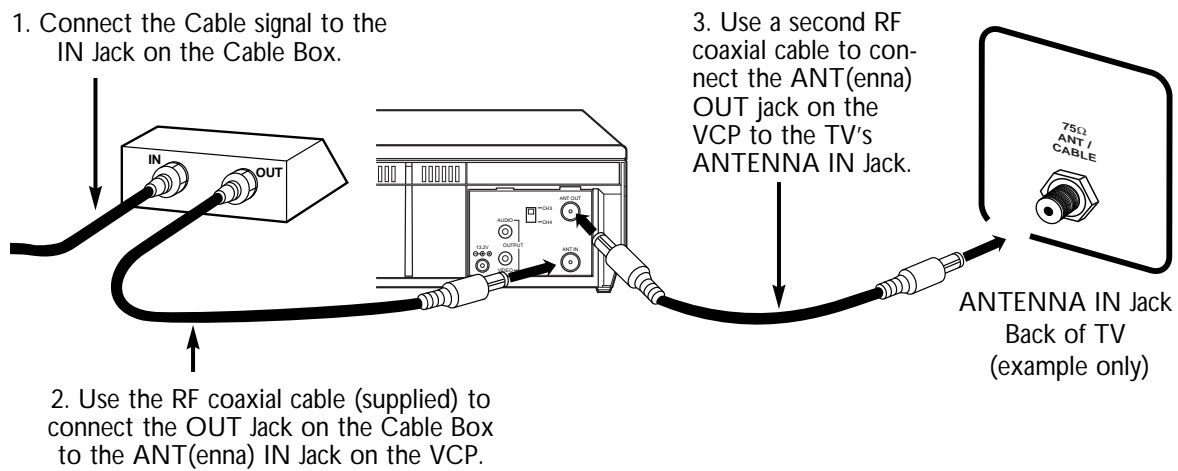
### 6

You are ready to turn on the VCP.

## 8 Hookups With a Cable Box

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This connection allows you to view any channel. You must select channels at the Cable Box.



### Watching TV with the VCP Off

1

Set the TV to the Cable Box output channel (channel 3 or 4).

2

Select the channel you want to watch at the Cable Box. You can not select channels at the TV.

### Playing a Tape

1

Set the TV to channel 3 or 4, whichever channel the CH3/CH4 switch on the VCP is set to.

2

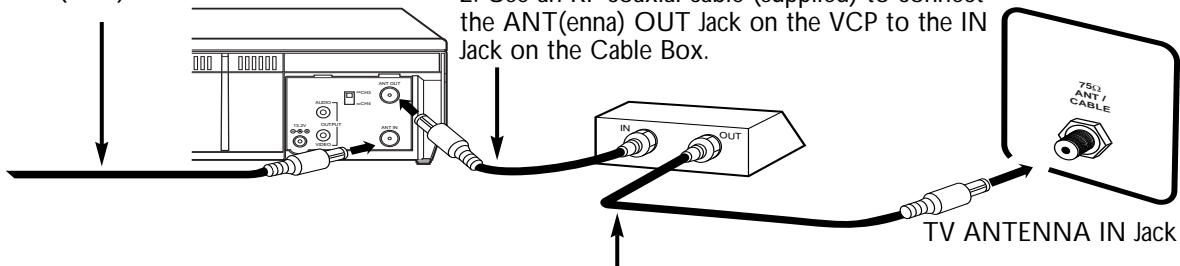
Press the PLAY button to play the tape.



## Hookups With a Cable Box (cont'd) 9

.....  
This connection differs from the one shown on page eight. You may still view any channel (selecting channels at the Cable Box), but the instructions for playing a tape are different.

1. Connect a Cable signal to the VCP's ANT(enna) IN Jack.



2. Use an RF coaxial cable (supplied) to connect the ANT(enna) OUT Jack on the VCP to the IN Jack on the Cable Box.

3. Use a second RF coaxial cable to connect the OUT Jack on the Cable Box to the ANTENNA IN Jack on the back of the TV.

### Watching TV with the VCP Off

1

Set the TV to the Cable Box output channel (channel 3 or 4).

2

Select the channel you want to watch at the Cable Box.

### Playing a Tape

1

Make sure the Cable Box is on the same channel as the VCP's CH3/CH4 switch.

2

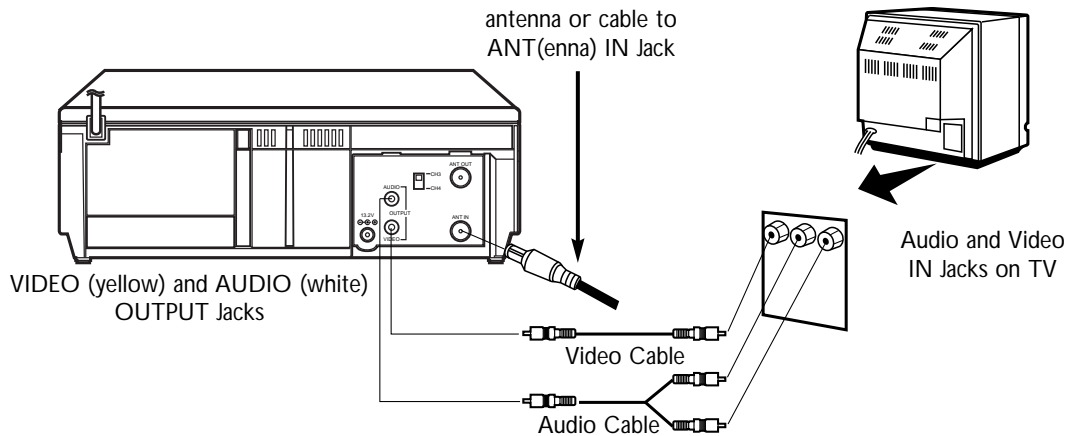
Set the TV to the Cable Box output channel (channel 3 or 4).

3

Press the PLAY button to play the tape.

## 10 Hookups With a Stereo TV

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- Audio and Video cables are not supplied.

**1**

Connect the antenna or cable to the ANT(enna) IN Jack on the back of the VCP.

**2**

Connect a video cable to the yellow VIDEO OUTPUT Jack on the back of the VCP. Then, connect the other end of the video cable to the VIDEO IN Jack on your TV.

**3**

Connect an audio cable to the white AUDIO OUTPUT Jack on the back of the VCP. Then, connect the other end of the audio cable to the AUDIO IN Jack on your TV. (If your TV has Right and Left AUDIO IN Jacks, you must use a "Y" splitter audio cable as illustrated to deliver audio to the TV's left and right channels.)

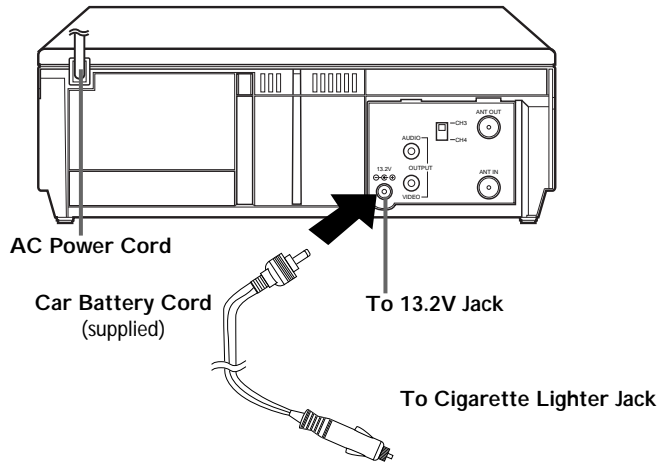
**4**

Turn on your TV, making sure it is in Line Input mode. Please refer to your TV owner's manual for details.

### Helpful Hint

- This hookup will not give you stereo sound. To get stereo sound, use the connections on pages six-nine and select the channel to be viewed at the TV or the Cable Box (with the VCP turned off).

When passengers in your vehicle want to watch a video program, hook up the VCP by following the steps below.



# 1

Make sure your vehicle has a 13.2-volt, negative ground electrical system. Unplug the AC power cords of the VCP and the TV.

# 2

Connect one end of the car battery cord to the 13.2V Jack on the back of the VCP.

# 3

Connect the other end of the car battery cord to the cigarette lighter jack in your vehicle.

# 4

Follow step 3 on page seven to connect the VCP to a TV.

# 5

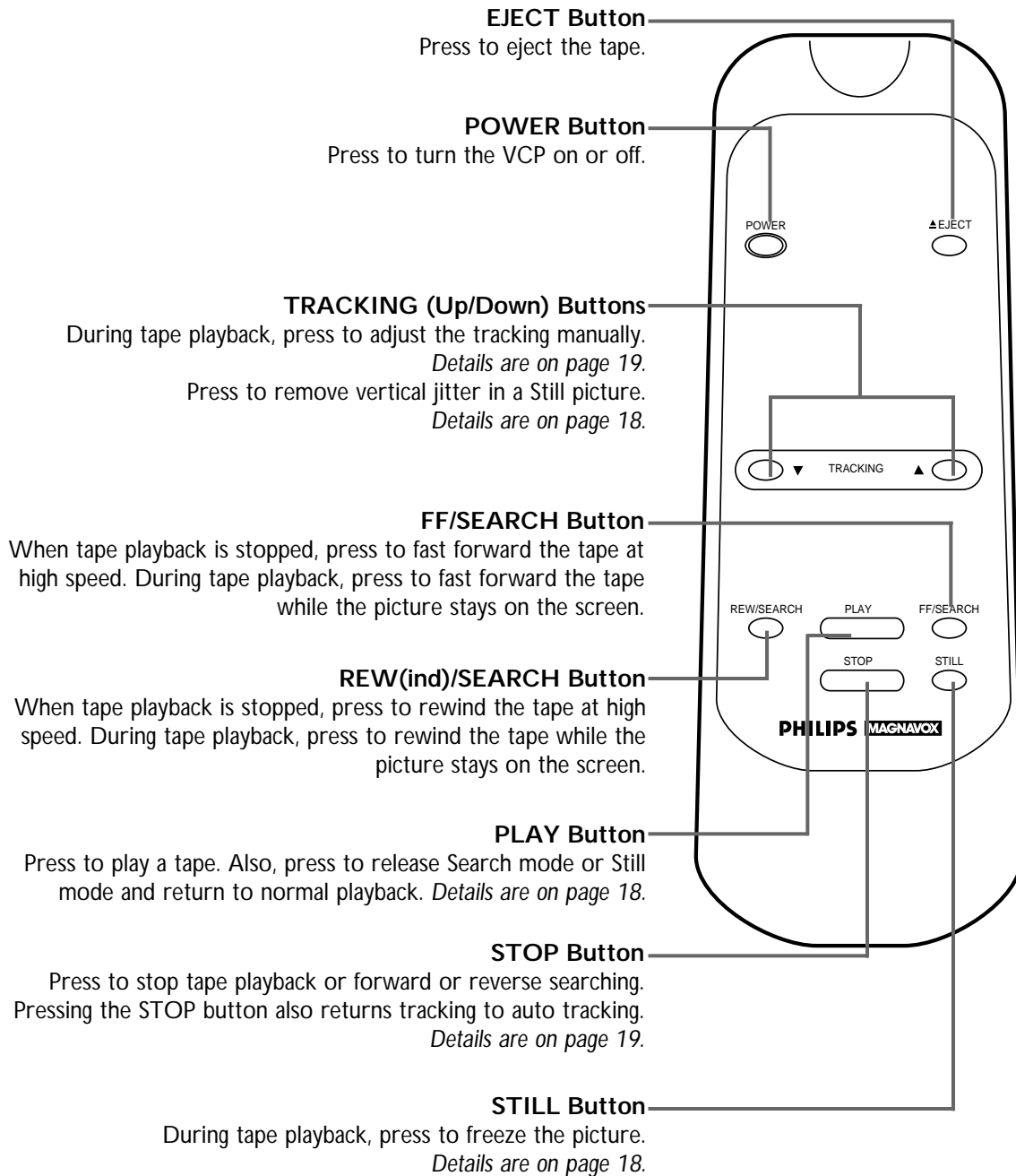
Connect the TV to a DC power source. The TV must have an AC/DC Jack.

## Helpful Hints

- Do not watch TV while driving.
- Use only the supplied car battery cord. Using another cord could damage the VCP or cause faulty operation.
- Make sure the cigarette lighter jack is free of ashes and other debris.
- Make sure you push the car battery cord's plug completely into the cigarette lighter jack.
- Always unplug the car battery cord from the cigarette lighter jack before you unplug it from the VCP.
- You must disconnect the car battery cord from the VCP before you can use standard AC electrical power.
- If the vehicle's engine is off, there will not be enough electrical voltage to operate the VCP.
- Unplug the car battery cord from the cigarette lighter jack when you have finished using the VCP.

## 12 Remote Control Buttons

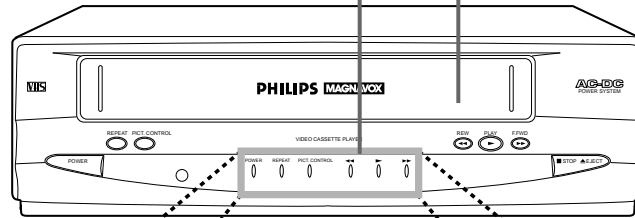
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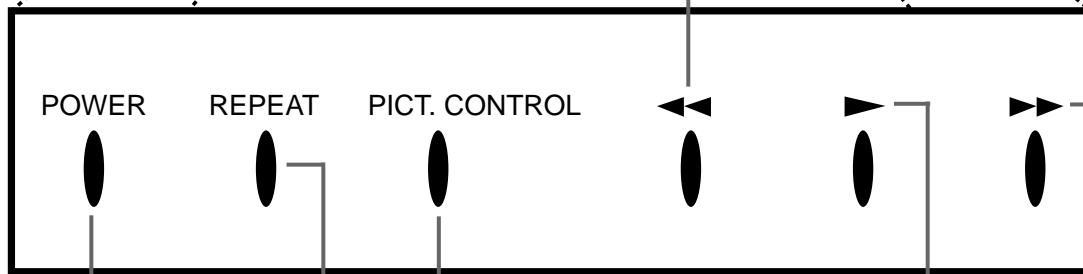


**VCP Display Panel**  
Information about VCP operations is displayed here.

**Cassette Compartment**  
Insert a tape here.



**Rewind Light**  
This light appears when the tape is rewinding.



**POWER Light**  
This light indicates that the power is turned on. When moisture has accumulated in your VCR, this light will blink.

**PICT(ure) CONTROL Light**  
This light indicates that the Picture Control function is operating. *Details are on page 17.*

**Play Light**  
This light appears during tape playback.

**REPEAT Light**  
This light indicates that the Repeat Playback function is operating. *Details are on page 17.*

**Fast Forward Light**  
This light appears when the tape is fast forwarding.

# 14 Front Panel

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## STOP/EJECT Button

Press once to stop the tape. When tape playback is stopped, press to eject the tape.

## F.FWD (Fast Forward) Button

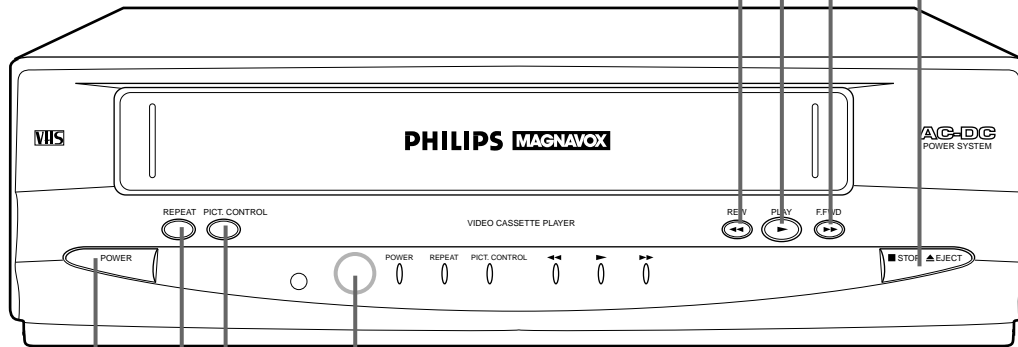
When tape playback is stopped, press to fast forward the tape at high speed. During tape playback, press to fast forward the tape while the picture stays on the screen. *Details are on page 18.*

## PLAY Button

Press to play a tape. Also, press to release Search mode or Still mode and return to normal playback. *Details are on page 18.*

## REW(ind) Button

When tape playback is stopped, press to rewind the tape at high speed. During tape playback, press to rewind the tape while the picture stays on the screen. *Details are on page 18.*



## POWER Button

Press to turn the power on and off.

## PICT(ure) CONTROL Button

Press to improve the playback picture quality of rental tapes. *Details are on page 17.*

## REPEAT Button

Press to make the VCP play a tape over and over. Press again to cancel Repeat Playback. *Details are on page 17.*

## Remote Sensor

Receives the signal from your remote control so you can operate your VCP from a distance.

### AC Power Cord

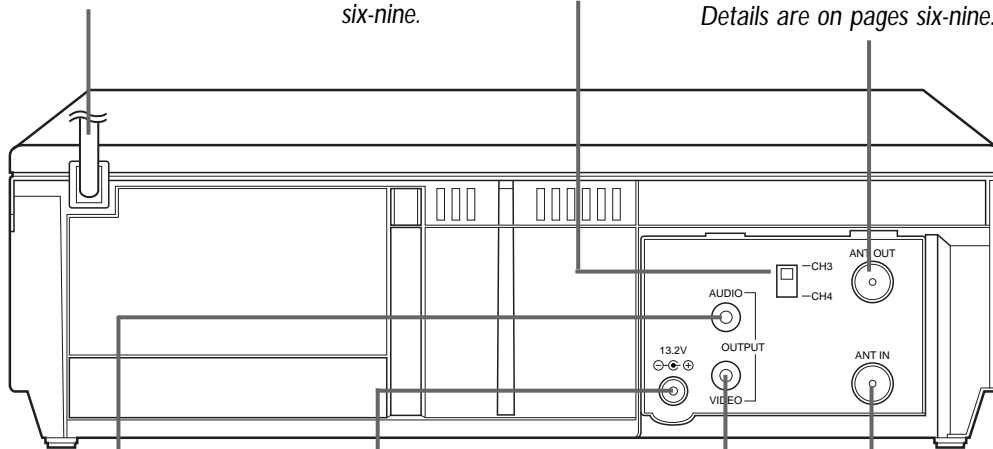
Connect to a standard AC outlet to supply power to the VCP. Make sure the car battery cord is disconnected from the VCP.

### CH3/CH4 Switch

Set to channel 3 or 4 to use your TV with your VCP. *Details are on pages six-nine.*

### ANT(enna) OUT Jack

Use the supplied RF coaxial cable to connect this jack to the ANTENNA IN jack on your TV or Cable Box. *Details are on pages six-nine.*



### AUDIO OUTPUT Jack

Use an audio cable (not supplied) to connect this jack to the Audio In jack of a TV, camcorder, VCR, or audio system. *Details are on page 10.*

### VIDEO OUTPUT Jack

Use a video cable (not supplied) to connect this jack to the Video In jack of a TV, camcorder, VCR, or monitor. *Details are on page 10.*

### 13.2V Jack

Connect the car battery cord here when you use the VCP in your vehicle. *Details are on page 11.*

### ANT(enna) IN Jack

Connect your antenna or cable here. *Details are on pages six-10.*

## 16 Playing

Before playing a tape, make sure the VCP and TV are connected (see pages six-11). Then, follow the steps below.

# 1

**Turn on the TV.** Set it to the same channel as the CH3/CH4 switch on the back of the VCP.

# 2

**Insert a tape in the VCP.** The power will come on and playback will start automatically. The POWER light and the Play light will appear on the display panel of the VCP.

# 3

If the tape you want to play is already in the VCP, make sure the VCP power is on, then **press the PLAY button**.

# 4

To stop playback, press the **STOP button**.

# 5

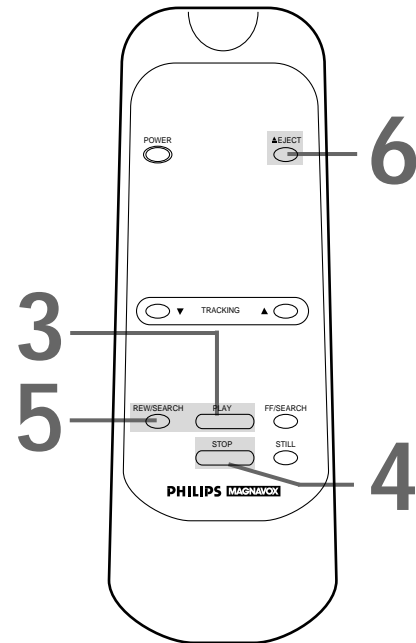
Press the **REW(ind)/SEARCH button**.

# 6

Press the **EJECT button** to eject the tape.

**1** Turn on the TV. Set it to channel 3 or 4.

**2** Insert a tape in the VCP.



### Helpful Hints

- Other playback options and features are explained on pages 17-19
- Moisture may condense inside the unit when it is moved from a cold place to a warm place, after heating a cold room, or when the humidity is high. When moisture has accumulated in your VCP, the POWER light will blink. If you try to play a tape in a VCP in which moisture has accumulated, the tape and the VCP could be damaged. If the POWER light is blinking, keep the VCP power on (but do not play a tape) for at least two hours. When the POWER light stops blinking, it is safe to play a tape.



### Repeat Playback

# 1

During tape playback, press the **REPEAT** button on the VCP. The REPEAT light will come on. When a tape has finished playing, the VCP will rewind it and start playback again and again.

# 2

To cancel Repeat Playback, press the **REPEAT** button again. The REPEAT light will go off.

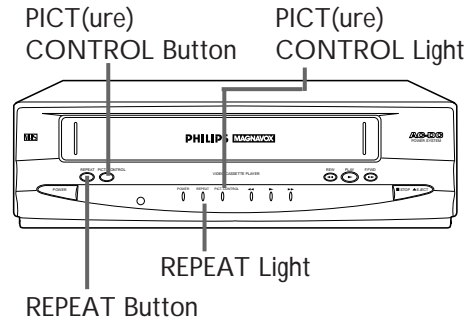
### Picture Control

# 1

During tape playback, press the **PICT(ure) CONTROL** button on the VCP to improve the picture quality of tapes. The PICT(ure) CONTROL light will come on.

# 2

To turn off the Picture Control feature, press the **PICT(ure) CONTROL** button again. The PICT(ure) CONTROL light will go off.



#### Helpful Hint

- If you press the REPEAT button to start Repeat Playback when playback is stopped, playback will start automatically. The Play light and the REPEAT light will appear.

## 18 Playback Options

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### Forward and Reverse Searching (SP/LP/SLP)

1

During tape playback, press and release the **FF/SEARCH** button or the **REW(ind)/SEARCH** button. A fast forward or reverse picture search will begin. (Noise bars will appear.)

2

To stop searching, press the **STOP** button. To return to playback, press the **PLAY** button.

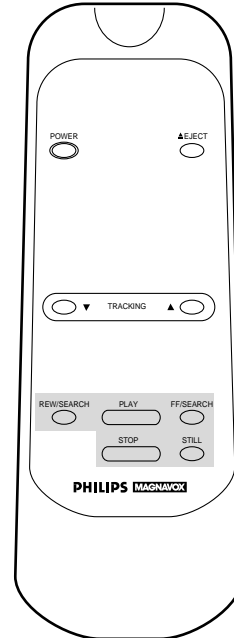
### Super High Speed Searching (LP/SLP)

1

During tape playback, press the **FF/SEARCH** button or the **REW(ind)/SEARCH** button twice. Now, the VCP will search in super high speed. (Noise bars will appear.)

2

To return to playback, press the **PLAY** button.



### Viewing a Still Picture

1

During tape playback, press the **STILL** button. A still picture will appear on the screen. Tapes recorded in SLP (Super Long Play) will show the clearest picture.

2

Each time you press the **STILL** button, the noise bars will change position on the screen. The tape also will advance slightly.

If a still picture vibrates vertically, stabilize it by pressing the **TRACKING** (Up/Down) buttons on the remote control.

3

To release the still picture and return to normal playback, press the **PLAY** button.

#### Helpful Hints

- *SP/LP/SLP means this feature will work with tapes recorded in Standard Play, Long Play, or Super Long Play.*
- *LP/SLP means this feature will work with tapes recorded in Long Play or Super Long Play. For details about tape speed, see page five.*
- *Still mode automatically switches to Stop mode after five minutes to protect the VCP and the tape from damage.*

### Direct Button Operation

When a tape is in the VCP and the VCP power is off, press the PLAY, REW(ind), or F.FWD button **on the VCP**. The VCP will turn on automatically and playback, rewinding, or fast forwarding will start immediately.

### Automatic Playback

When you put a tape in the VCP, the power will come on and playback will begin automatically.

### Automatic Rewind, Off, Eject

When a tape is played or fast forwarded to its end, the VCP will rewind the tape, stop, turn itself off, and eject the tape. (The VCP will not operate this way if Repeat Playback is activated. *Details are on page 17.*)

### Tape Eject

A tape can be ejected with the VCP power on or off (but the VCP power cord must be plugged in).

### Automatic Tracking Adjustment

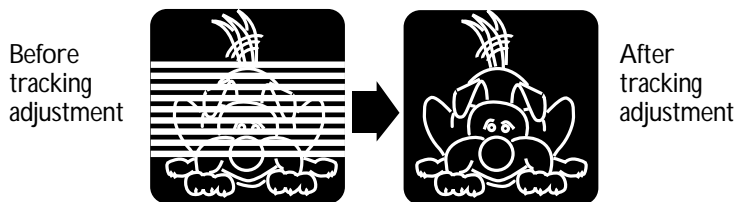
The VCP has automatic tracking adjustment, which gives you the best possible picture quality. With some recordings, however, you may get a better picture using the manual tracking controls (see below).

### Manual Tracking

To adjust the tracking manually during tape playback, press the TRACKING (Up/Down) buttons on the remote control.

*NOTE:*

- *Tracking is returned to automatic tracking adjustment when a tape is inserted or when the STOP button is pressed to halt playback.*



## 20 Helpful Hints

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If you are having problems with your product, check this list of problems and possible solutions before requesting service. You may be able to solve the problem yourself.

If you need to call a customer service representative, please know the model number and serial number of your product before you call. This information is displayed on the back of the product. Also, please take a moment to identify the problem you are having, and be prepared to explain this to the representative. If you believe the representative will need to help you with operations, please stay near the product. Our representatives will be happy to assist you.

### **The VCP has no power.**

- Make sure the AC power cord is connected completely to an AC (alternating current) outlet. If you are using AC power, make sure the car battery cord is disconnected completely.
- Make sure the car battery cord is connected completely to the vehicle's cigarette lighter socket and to the 13.2V Jack on the back of the VCP when the VCP is installed in the vehicle.
- Make sure the power is turned on.

### **There is no playback picture, or the playback picture is noisy and contains streaks.**

- Make sure the TV is on the same channel as the VCP's CH3/CH4 switch (pages six-nine).
- Make sure channel 3 or 4 is adjusted properly.
- Adjust the tracking (page 19).
- TVs placed too close to the VCP can cause interference during tape playback. Move the VCP away from the TV.

### **The VCP can not be controlled with the remote control.**

- Aim the remote control directly at the VCP's remote sensor (pages five and 14).
- Remove all obstacles between the remote control and the VCP.
- Inspect and/or replace the batteries in the remote control (page five).

### **TV programs can not be watched normally.**

- Check the connections between the VCP, your TV, the Cable Box (if applicable), and the antenna/cable (pages six-10).
- Turn off the VCP power.

### **Tape can not be inserted.**

- Insert the tape window side up, with the record tab facing you.
- Make sure a tape isn't already in the VCP by pressing the STOP/EJECT button on the VCP or the EJECT button on the remote control.
- Gently push on the center of the tape when putting it in the VCP. Never force the tape into the VCP.

### **Tape can not be removed.**

- Make sure the AC power cord is connected completely to an AC (alternating current) outlet. If you are using AC power, make sure the car battery cord is disconnected completely.
- Make sure the car battery cord is completely connected to the vehicle's cigarette lighter socket and to the 13.2V Jack on the back of the VCP when the VCP is installed in the vehicle.

### **The motor (cylinder) rotates even when the VCP is in Stop mode.**

- To enable the quick play mechanism, the cylinder will rotate for about five minutes. This is normal. The quick play mechanism allows the tape mechanism to switch from Stop mode to Play mode in one second.

**RENEWED  
90 DAY  
LIMITED WARRANTY**

## 22 Specifications/Glossary

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### Specifications

**Video Heads**

Two heads

**Video Signal**

EIA standards; NTSC color

**Antenna**

VHF/UHF – 75 ohm external antenna/cable terminal

**VHF Output Signal**

Channel 3 or 4 (switchable)  
75 ohms unbalanced

**Power Requirement**

AC 120V  $\pm$  10%, 60Hz  $\pm$  5%,  
DC 13.2V  $\pm$  10%

**Power Consumption**

AC 12W  
DC 12W

**Operating Temperature**

41°F (5°C) to 104°F (40°C)

**Relative Humidity**

10% to 80%

**Weight**

5.1 lbs. (2.3 kg.)

**Dimensions**

11" (W) x 3-5/8" (H) x 10-1/4" (D)  
(280 mm x 92mm x 260mm)

*NOTE: Designs and specifications are subject to change without notice.*

### Glossary

**Antenna:** VHF (very high frequency; channels 2 - 13) and UHF (ultra high frequency; channels 14 - 69).

**AUDIO OUTPUT Jack:** jack located on the back of the VCP which is used to send audio to another system.

**Cable:** all standard channels can be received without a Cable Box.

**Frame:** a single still picture.

**Remote Control:** the small electronic unit that came with your VCP; allows you to operate your VCP from a distance.

**Special Effects:** forward and reverse searching, viewing a still picture.

**VCP:** video cassette player.

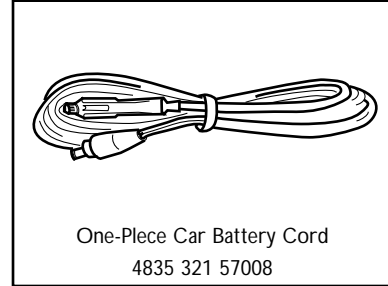
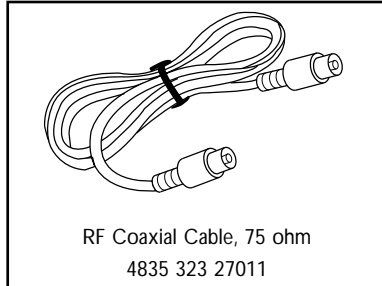
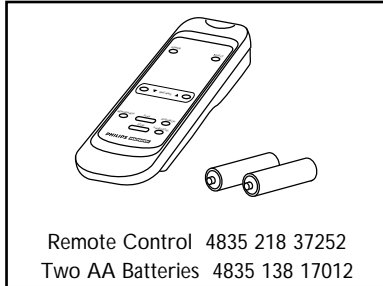
**VIDEO OUTPUT Jack:** jack located on the back of the VCP which is used to send video to another system.

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<ul style="list-style-type: none"> <li>ac power cord . . . . .15</li> <li>accessories . . . . .24</li> <li>ant(enna) in jack . . . . .15</li> <li>ant(enna) out jack . . . . .15</li> <li>audio output jack . . . . .10, 15</li> <li>automatic             <ul style="list-style-type: none"> <li>playback . . . . .19</li> <li>rewind, off, eject . . . . .19</li> </ul> </li> <li>batteries . . . . .5</li> <li>car battery cord . . . . .11</li> <li>cassette compartment . . . . .13</li> <li>ch3/ch4 switch . . . . .7, 15</li> <li>connections . . . . .6-11</li> <li>contents, table of . . . . .4</li> <li>controls             <ul style="list-style-type: none"> <li>remote . . . . .12</li> <li>vcp . . . . .13-15</li> </ul> </li> <li>dew sensor . . . . .13</li> <li>direct button operation . . . . .19</li> <li>display panel . . . . .13</li> <li>eject button . . . . .12</li> <li>fast forward light . . . . .13</li> <li>f.fwd button . . . . .14</li> <li>ff/search button . . . . .12</li> <li>front panel . . . . .14</li> <li>glossary . . . . .22</li> <li>helpful hints . . . . .20</li> <li>hookups             <ul style="list-style-type: none"> <li>mobile . . . . .11</li> <li>with a cable box . . . . .8-9</li> <li>with a stereo tv . . . . .10</li> <li>without a cable box . . . . .6-7</li> </ul> </li> <li>long play . . . . .5, 18</li> <li>lp . . . . .5, 18</li> <li>picture control             <ul style="list-style-type: none"> <li>button . . . . .14</li> <li>feature . . . . .17</li> <li>light . . . . .13</li> </ul> </li> <li>play             <ul style="list-style-type: none"> <li>button . . . . .12, 14</li> <li>light . . . . .13</li> </ul> </li> <li>playback             <ul style="list-style-type: none"> <li>features . . . . .19</li> <li>options . . . . .17-18</li> </ul> </li> <li>playing . . . . .16</li> </ul>	<ul style="list-style-type: none"> <li>power             <ul style="list-style-type: none"> <li>button . . . . .12, 14</li> <li>cord . . . . .15</li> <li>light . . . . .13</li> </ul> </li> <li>rear panel . . . . .15</li> <li>remote             <ul style="list-style-type: none"> <li>control                 <ul style="list-style-type: none"> <li>buttons . . . . .12</li> <li>using . . . . .5</li> </ul> </li> <li>sensor . . . . .5, 14</li> </ul> </li> <li>repeat             <ul style="list-style-type: none"> <li>button . . . . .14</li> <li>light . . . . .13</li> <li>playback . . . . .17</li> </ul> </li> <li>rew(ind) button . . . . .14</li> <li>rew(ind)/search button . . . . .12</li> <li>rewind light . . . . .13</li> <li>rf coaxial cable . . . . .6-9</li> <li>safety precautions . . . . .3</li> <li>searching . . . . .17</li> <li>sensor (remote) . . . . .5, 14</li> <li>slp . . . . .5, 18</li> <li>sp . . . . .5, 18</li> <li>standard play . . . . .5, 18</li> <li>stereo tv hookup . . . . .10</li> <li>still button . . . . .12, 18</li> <li>still picture . . . . .18</li> <li>stop button . . . . .12</li> <li>stop/eject button . . . . .14</li> <li>super high speed searching . . . . .18</li> <li>super long play . . . . .5, 18</li> <li>table of contents . . . . .4</li> <li>tape             <ul style="list-style-type: none"> <li>eject . . . . .19</li> <li>speed . . . . .5</li> </ul> </li> <li>13.2v jack . . . . .11, 15</li> <li>tracking . . . . .19</li> <li>tracking (up/down) buttons . . . . .12, 18-19</li> <li>tv hookups . . . . .6-11</li> <li>vertical jitter . . . . .18</li> <li>video output jack . . . . .10, 15</li> <li>video tapes (<i>see tape</i>)</li> <li>warranty . . . . .21</li> </ul>
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# SUPPLIED ACCESSORIES

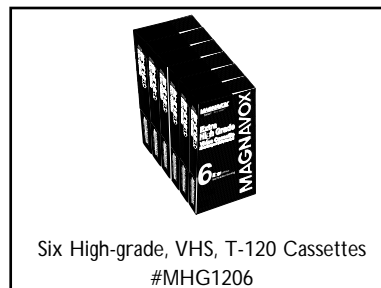
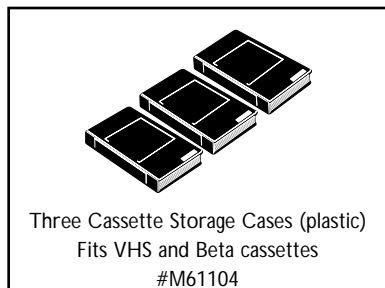
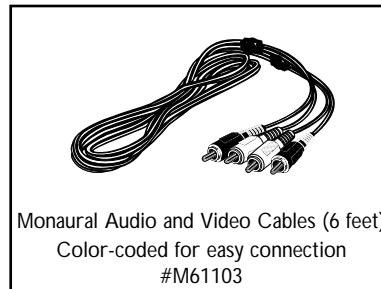
*The following items are supplied with your VCP; they are provided to help you use or set up your VCP.*



# OPTIONAL ACCESSORIES

*The following additional items are not provided with your VCP, but they are designed for use with your new VCP. To order these optional accessories, contact us at:*

**Philips Parts & Accessories Marketing Department  
401 East Old Andrew Johnson Highway  
P.O. Box 555  
Jefferson City, TN 37760  
1-800-851-8885.**



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