

Important Safeguards and Precautions

READ AND RETAIN ALL SAFETY AND OPERATING INSTRUCTIONS. HEED ALL WARNINGS IN THE MANUAL AND ON UNIT

INSTALLATION

1 POWER SOURCE CAUTION

Operate only from power source indicated on unit or in this manual. If uncertain, have your Electric Utility Service Company or Video Products Dealer verify your home power source.

2 POWER CORD PLUG

For safety, this unit has a polarized type plug (one wide blade), or a three-wire grounding type plug. Always hold the plug firmly and make sure your hands are dry when plugging in or unplugging the AC power cord. Regularly remove dust, dirt, etc. on the plug.

POLARIZED PLUG CAUTION:

The plug fits into outlet one way. If it cannot be fully inserted, try reversing it. If it still will not fit, have an electrician install the proper wall outlet. Do not tamper with the plug.

GROUNDING PLUG CAUTION:

The plug requires a three-hole grounding outlet. If necessary, have an electrician install the proper outlet. Do not tamper with the plug.

3 POWER CORD

To avoid unit malfunction, and to protect against electrical shock, fire or personal injury:

- Keep power cord away from heating appliances and walking traffic. Do not rest heavy objects on, or roll such objects over the power cord.
- Do not tamper with the cord in any way.
- An extension cord should have the same type plug (polarized or grounding) and must be securely connected.
- Overloaded wall outlets or extension cords is a fire hazard.
- Frayed cords, damaged plugs, and damaged or cracked wire insulation are hazardous and should be replaced by a qualified electrician.

4 DO NOT BLOCK VENTILATION HOLES

Ventilation openings in the cabinet release heat generated during operation. If blocked, heat build-up may result in a fire hazard or heat damage to cassettes.

For your protection:

- a. Never cover ventilation slots while unit is ON, or operate unit while placed on a bed, sofa, rug, or other soft surface.
- b. Avoid built-in installation, such as a book case or rack, unless properly ventilated.

5 AVOID EXTREMELY HOT LOCATIONS OR SUDDEN TEMPERATURE CHANGES

Do not place unit over or near a heater or regulator, in direct sunlight, etc. If unit is suddenly moved from a cold place to a warm place, moisture may condense in unit and on the tape causing damage.

6 TO AVOID PERSONAL INJURY

- Never place unit on support or stand that is not firm, level, and adequately strong. The unit could fall causing serious injury to a child or adult and damage to the unit.
- Move any appliance and cart combination with care. Quick stops, excessive force, and uneven surfaces may cause objects to overturn.
- Carefully follow all operating instructions.



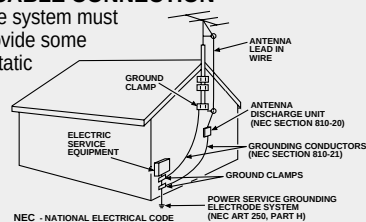
OUTDOOR ANTENNA INSTALLATION

1 SAFE ANTENNA AND CABLE CONNECTION

An outside antenna or cable system must be properly grounded to provide some protection against built up static charges and voltage.

Section 810 of the National Electrical Code, ANSI/NFPA 70 (in Canada, part 1 of the Canadian Electrical Code)

provides information regarding proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.



2 KEEP ANTENNA CLEAR OF HIGH VOLTAGE POWER LINES OR CIRCUITS

Locate an outside antenna system well away from power lines and electric light or power circuits so it will never touch these power sources should it ever fall. When installing antenna, absolutely never touch power lines, circuits or other power sources as this could be fatal.

USING THE UNIT

Before unit is brought out of storage or moved to a new location, refer again to the INSTALLATION section of these safeguards.

1 KEEP UNIT WELL AWAY FROM WATER OR MOISTURE, such as vases, sinks, tubs, etc.

2 IF EXPOSED TO RAIN, MOISTURE, OR STRONG IMPACT, unplug unit and have it inspected by a qualified service technician before use.

3 ELECTRICAL STORMS

During a lightning storm, or before leaving unit unused for extended periods of time, disconnect all equipment from the power source as well as the antenna and cable system.

4 WHEN UNIT IS PLUGGED IN

- DO NOT OPERATE IF:
 - liquid has spilled into unit.
 - unit was dropped or otherwise damaged.
 - unit emits smoke, malodors, or noises.
- Immediately unplug unit, and have it inspected by a service technician to avoid potential fire and shock hazards.
- Never drop or push any object through openings in unit.
- Touching internal parts may cause electric shock or fire hazard.
- Keep magnetic objects, such as speakers, away from unit to avoid electrical interference.

5 USING ACCESSORIES

Use only accessories recommended by the manufacturer to avoid risk of fire, shock, or other hazards.

6 CLEANING UNIT

Unplug unit. Use a clean, dry, chemically untreated cloth to gently remove dust or debris. DO NOT USE cleaning fluids, aerosols, or forced air that could over-spray, or seep into unit and cause electrical shock. Any substance, such as wax, adhesive tape, etc. may mar the cabinet surface. Exposure to greasy, humid, or dusty areas may adversely affect internal parts.

SERVICE

1 DO NOT SERVICE PRODUCT YOURSELF

If, after carefully following detailed operating instructions, the unit does not operate properly, do not attempt to open or remove covers, or make any adjustments not described in the manual. Unplug unit and contact a qualified service technician.

2 REPLACEMENT OF PARTS

Make sure the service technician uses only parts specified by the manufacturer, or have equal safety characteristics as original parts. The use of unauthorized substitutes may result in fire, electric shock, or other hazards.

3 SAFETY CHECK AFTER SERVICING

After unit is serviced or repaired, request that a thorough safety check be done as described in the manufacturer's service literature to insure video unit is in safe operating condition.

Safety Precautions/Mesures de sécurité

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

Caution: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Avertissement: Afin de prévenir tout risque d'incendie ou de chocs électriques, ne pas exposer cet appareil à la pluie ou à une humidité excessive.

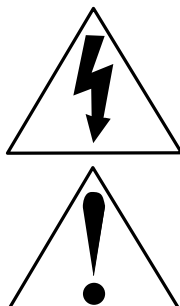
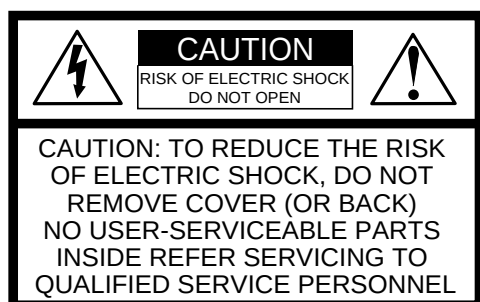
Attention: Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

This video recorder, equipped with the HQ (High Quality) System, is compatible with existing VHS equipment.

Only use those tapes with the  mark. It is recommended that only cassette tapes that have been tested and inspected for use in 2, 4, 6, and 8 hour VCR machines be used.

This television receiver provides display of television closed captioning in accordance with §15.119 of the FCC rules.

FCC WARNING: Any unauthorized changes or modifications to this equipment would void the user's authority to operate.



This symbol warns the user that uninsulated voltage within the unit may have sufficient magnitude to cause electric shock. Therefore, it is dangerous to make any kind of contact with any inside part of this unit.

This symbol alerts the user that important literature concerning the operation and maintenance of this unit has been included. Therefore, it should be read carefully in order to avoid any problems.



Table of Contents

To

Start!

Important Safeguards and Precautions ... 2

Before Using 6

- Accessories 6
- Loading the Batteries 6
- Record/Playback Time ... 6
- Prevent Accidental Tape Erasure 6

Use

Now!

TV Operation 10

(Main Operation, NIGHT (NITE) Mode, Using the 100 Key, Rapid Tune, Audio Mute, Phones, SELF-DEMO Mode)

**MTS Broadcast / TV Stereo System
(For Model PV-C2580 only) 11**

(Stereo/SAP/Mono broadcast, Select Audio Mode for TV Viewing)

Enjoy

more!

Timer Recording 14 ~ 15

(Main Operation, Cancel, Replace or Clear Program Contents)

**Timer Program using
VCR Plus+ System 16 ~ 19**

- Cable Box Setup 17
- VCR Plus+ Channel Setup 18
- VCR Plus+ System Programming ... 19

TV Timer Features 20 ~ 21

- ON-TIMER with Alarm 20
- SLEEP TIMER 21
- INSTANT ALARM 21

Closed Caption System 22 ~ 23

- Closed Caption Mode Feature 22
- Caption On Mute Feature 23

Tape Operation 24 ~ 27

- Commercial Skip 24
- Program End Search 24
- Tape Position 24
- Repeat Play 25
- Zero Search 25
- Auto Operation Functions ... 25
- VHS Index Search System .. 26, 27

Other

Information!

Reset Language, Channels, Clock... 46

On-Screen Display (OSD) 47

Unit Information..... 48

Before Requesting Service 49



Connections 7

- Outdoor Antenna Connections 7
- DSS/Cable box Connections 7

One Time Setup 8 ~ 9

(Language, Channel, Clock)

Playback a Tape 12

(Main Operation, Forward or Reverse Search, Still Picture, Slow Motion, Frame by Frame Advance, Features for a Quality Picture)

Record On a Tape 13

(Main Operation, One Touch Recording(OTR), Selecting Input Mode)

Special VCR Features 28 ~ 32

- Channel Caption 28, 29
- Time Stamp 30, 31
- Weak Signal Display ON/OFF 32
- VCR Lock 32

Copy Your Tapes (Dubbing) 33

FM Radio 34 ~ 35

- FM Radio Setup 34
- FM ANTENNA Setup 34
- Using FM Radio 35
- To select Audio Mode for FM Radio 35

FM Transmitter (For Model PV-C2580 only) 36

(FM Transmitter Carry Frequency Setup, FM Transmitter Setup, Speaker with FM Transmitter Setup)

Picture Adjustment 37

V-Chip Control Feature 38 ~ 41

- Enter Secret Code 38
- Setup US MOVIES Ratings 39
- Setup US TV PROGRAMS Ratings .. 40
- Blocking Message 41

Cable Box Universal Remote Control Feature 42 ~ 43

- The Universal Remote Control Setup 42
- Using the Universal Remote Controls 42
- Remote Warning ON/OFF 43
- DSS/Cable Box Brand Code Numbers 43

Audio Feature (For Model PV-C2580 only) 44 ~ 45

Service Center List 50

Spanish Quick Use Guide 51 ~ 53

Location of Controls 54 ~ 55

Warranty Back Cover

Getting Started

Basic Operation

Advanced Operation

For Your Information

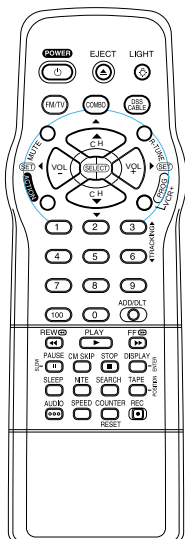
Before Using

Congratulations

on your purchase of one of the most sophisticated and reliable products on the market today. Used properly, it will bring you and your family years of enjoyment. Please fill in the information below. The serial number is on the tag located on the back of your unit.

Date of Purchase _____
 Dealer Purchased From _____
 Dealer Address _____
 Dealer Phone No. _____
 Model No. _____
 Serial No. _____

Accessories



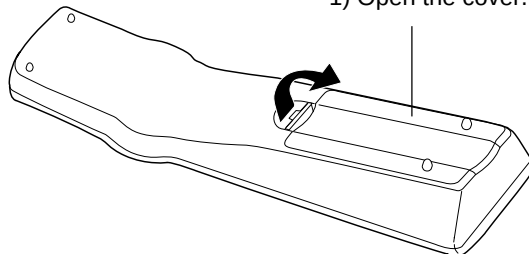
☐ Remote Control
LSSQ0198

☐ Batteries
2 "AA"

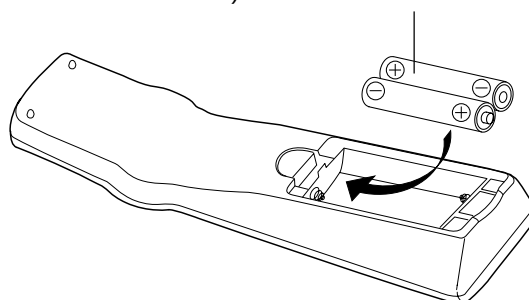
To order accessories,
call toll free 1-800-332-5368.

Loading the Batteries

1) Open the cover.



2) Insert batteries as marked.



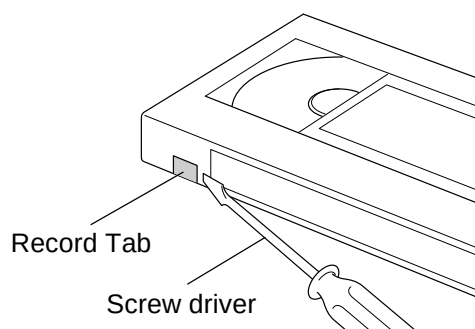
3) Close the cover.

☐ **Battery replacement caution**

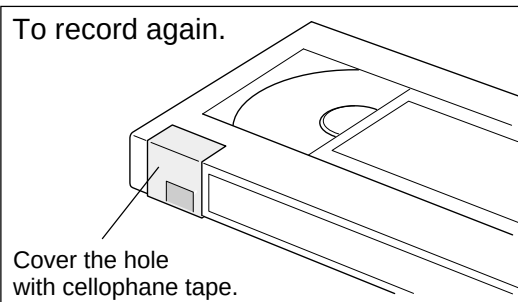
- Do not mix old and new batteries.
- Do not mix alkaline with manganese batteries.

Prevent Accidental Tape Erasure

Break off the tab to protect.



To record again.



Record/Playback Time

Only use tapes with the **VHS** mark in this unit.

Tape Speed Setting	Type of Video Cassette		
	T60	T120	T160
SP (Standard Play)	1 Hour	2 Hours	2 Hours 40 Minutes
LP (Long Play)	2 Hours	4 Hours	5 Hours 20 Minutes
SLP (Super Long Play)	3 Hours	6 Hours	8 Hours

Connections

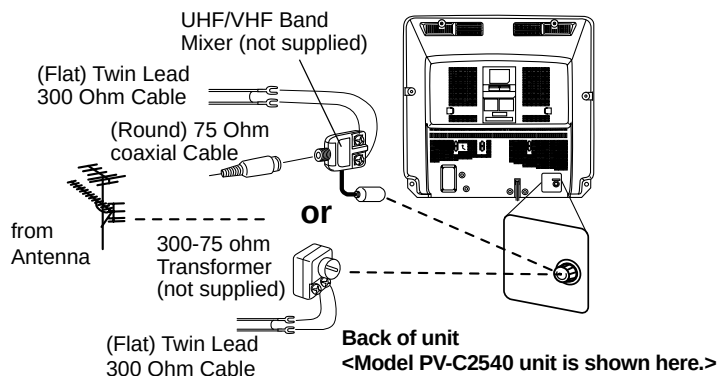
Outdoor Antenna Connection

Unhook the antenna from your previous TV or VCR and connect it to the back of the unit as shown in the diagram.

If your antenna system has separate UHF and VHF lead-ins, you need a UHF/VHF Band Mixer (not supplied.)

WARNING:

When using "Nut type" RF coaxial cables, tighten with fingers only. Overtightening may damage terminals.



DSS/Cable box Connections

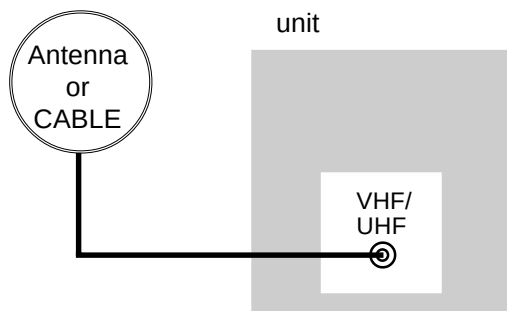
Without a Cable Box

You can;

- record or view unscrambled channels.

You cannot;

- record or view scrambled channels.
- view a channel other than the one selected for any type of recording.



With a Cable Box

You can;

- record or view any channel including scrambled channels.

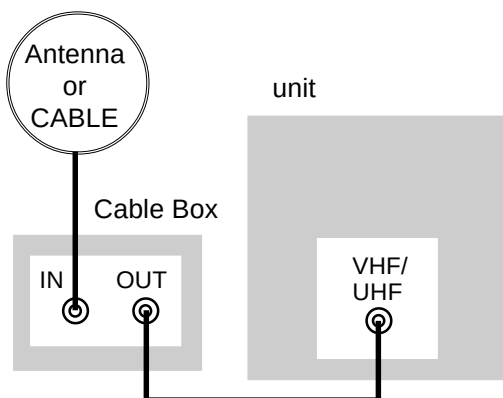
NOTE: Channel selection must be made at the cable box.

You cannot;

- view a channel other than the one selected for any type of recording.
- do a Timer recording of a channel unless you select it at the cable box.

Note to CABLE System Installer

This reminder is provided to call the CABLE (Cable TV) System Installers attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.



With a DSS Receiver

You can;

- record or view any channel including scrambled channels.

NOTE: Channel selection must be made at the DSS Receiver.

You cannot;

- view a channel other than the one selected for any type of recording.
- do a Timer recording of a channel unless you select it at the DSS box.

NOTE: The DSS receiver must be turned off to view programs from a cable box or antenna. See the DSS manual for details.

