

EXHIBIT # : 6  
FCC ID : ACJ927149AH  
OUR REF. : MKES04-F004  
MODEL NO. : PV-V4525S

Operating Instructions

(Tentative)

# Panasonic®

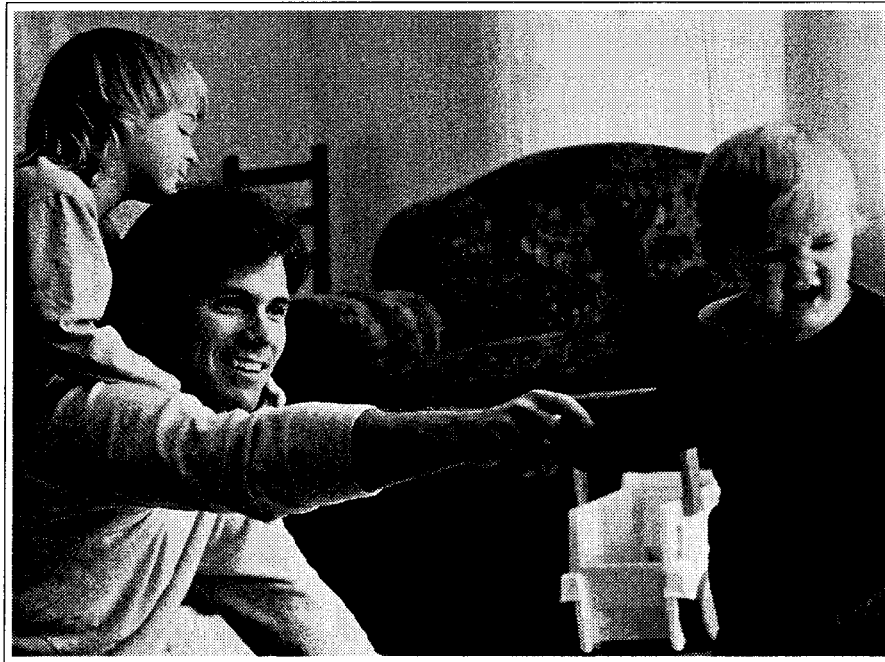


Omnivision VHS

## Video Cassette Recorder Operating Instructions (Basic Operations)

For advanced operations, see the separate  
"Advanced Operations" instruction book.

### Model No. PV-V4525S

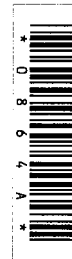


### Table of Contents

Important Safeguards and Precautions .....	2
Before Using .....	3
Connections and Initial Setup (Ready to Play) .....	4
Playback / Record on a Tape .....	5
Timer Recording .....	6
Location of Controls .....	7, 8
Reset All VCR Memory Functions .....	8
Spanish (Español) Quick Use Guide .....	9, 10, 11
Limited Warranty / Customer Services Directory .....	12



As an ENERGY STAR® Partner, Matsushita Electric Corporation of America has determined that this product or product model meets the ENERGY STAR® guidelines for energy efficiency.



Please read these instructions carefully before attempting to connect, operate or adjust this product. Please save this manual. Spanish Quick Use Guide is included.  
(Guía para rápida consulta en español está incluida.)

LSQT0864 A

For assistance, please call : 1-800-211-PANA(7262) or, contact us via the web at:<http://www.panasonic.com/contactinfo>

# Important Safeguards and Precautions

## **⚠ WARNING**

TO REDUCE THE RISK OF ELECTRIC SHOCK, FIRE, INJURY TO PERSONS OR DAMAGE TO THIS PRODUCT, READ AND RETAIN ALL SAFETY AND OPERATING INSTRUCTIONS. HEED ALL WARNINGS IN THE MANUAL AND ON THE PRODUCT.

### INSTALLATION

- POWER SOURCE CAUTION**  
Operate only from a power source indicated on the unit or in this manual. If necessary, have your Electric Utility Service Company or Video Products Dealer verify the power source in your home.
- POLARIZED OR GROUNDING PLUG**  
As a safety feature, this Video product comes with either a polarized power cord plug (one blade is wider than the other), or a three-wire grounding type plug.  
**POLARIZED PLUG CAUTION:**  
This plug will only fit into an outlet one way. If you cannot fully insert the plug, try reversing it. If it still will not fit, have an electrician install the proper wall outlet. Do not defeat the safety feature by tampering with the plug.  
**GROUNDING PLUG CAUTION:**  
This plug will only fit into a three-hole grounding outlet. If necessary, have an electrician install the proper outlet. Do not defeat the safety feature by tampering with the plug.

- POWER CORD**  
Make sure power cords are routed so that they are not likely to have anything rest on them, roll over them, or be in the way of walking traffic. If an extension cord is used, make sure it also has either a polarized or grounded plug and that the cords can be securely connected. Frayed cords, damaged plugs, and damaged or cracked wire insulation are hazardous and should be replaced by a qualified service technician. Overloaded outlets and extension cords are fire hazards and should be avoided.

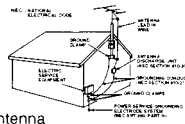
- DO NOT BLOCK VENTILATION HOLES**  
Ventilation openings in the cabinet release heat generated during operation. If they are blocked, heat build-up inside the unit can cause failures that may result in a fire hazard or heat damage to cassettes. For protection, follow these rules:
  - Never cover ventilation slots or the unit while in use, or operate the unit when placed on a bed, sofa, rug, or other soft surface.
  - Avoid built-in installation, such as a book case or rack, unless proper ventilation is provided.

- AVOID EXTREMELY HOT LOCATIONS OR SUDDEN TEMPERATURE CHANGES**  
Do not place the unit over or near any kind of heater or radiator, in direct sunlight, inside a closed vehicle, etc.. Do not move the unit suddenly between areas of extreme temperature variation. If the unit is suddenly moved from a cold place to a warm place, moisture may condense in the unit and on the tape.

- TO AVOID PERSONAL INJURY**
  - Do not place unsecured equipment on a sloping surface.
  - Do not place this unit on any support 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.
  - An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
  - Carefully follow all operating instructions and use the manufacturer's recommended accessories when operating this unit or connecting it to any other equipment.



### OUTDOOR ANTENNA INSTALLATION

- SAFE ANTENNA AND CABLE CONNECTION**  
If an outside antenna or cable system is connected to the equipment, be sure the antenna or cable system is grounded so as to provide some protection against built up static charges and voltage surges. Section 810 of the National Electrical Code, ANSI/NFPA 70 (in Canada, part 1 of the Canadian Electrical Code) provides information with respect to 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.  

- KEEP ANTENNA CLEAR OF HIGH VOLTAGE POWER LINES OR CIRCUITS**  
An outside antenna system should be located well away from power lines, electric light or power circuits and where it will never come into contact with these power sources if it should happen to fall. When installing an outside antenna, extreme care should be taken to avoid touching power lines, circuits or other power sources as this could be fatal! Because of the hazards involved, antenna installation should be left to a professional.

### USING THE VIDEO UNIT

If the unit has been in storage or moved to a new location, refer first to the INSTALLATION section of these safeguards.

- KEEP THIS VIDEO UNIT AWAY FROM WATER OR MOISTURE OF ANY KIND.**
- IF EQUIPMENT IS EXPOSED TO RAIN, MOISTURE, OR STRONG IMPACT,** unplug the unit and have it inspected by a qualified service technician before use.
- DURING AN ELECTRICAL STORM**  
During a lightning storm, whether indoors or outdoors, or before leaving the unit unused for extended periods of time, disconnect all equipment from the power source as well as the antenna and cable system.
- WHEN THE UNIT IS PLUGGED IN**
  - Never expose the unit to rain or water. DO NOT OPERATE if liquid has been spilled into the unit. Immediately unplug the unit, and have it inspected by a service technician. Fire and shock hazards can result from electrical shorts caused by liquid contact inside.
  - Never drop or push any object through openings in the unit. Some internal parts carry hazardous voltages and contact can cause electric shock or fire hazard.
  - Avoid placing the unit directly above or below your TV set as this may cause electrical interference. Keep all magnets away from electronic equipment.
- USING ACCESSORIES**  
Use only accessories recommended by the manufacturer to avoid risk of fire, shock, or other hazards.
- CLEANING THE UNIT**  
Unplug the unit. Then, 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 the 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

- DO NOT SERVICE THIS PRODUCT YOURSELF**  
If, after carefully following the detailed operating instructions, this Video product does not operate properly, do not attempt to open or remove covers, or make any adjustments not described in the manual. Unplug the unit and contact a qualified service technician.
- IF REPLACEMENT PARTS ARE REQUIRED**  
Make sure the service technician uses only parts specified by the manufacturer, or those having the same safety characteristics as the original parts. The use of unauthorized substitutes may result in fire, electric shock, or other hazards.
- HAVE THE SERVICE TECHNICIAN PERFORM A SAFETY CHECK**  
After any service or repairs to the unit, request the service technician to conduct a thorough safety check as described in the manufacturer's service literature to ensure that the 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.

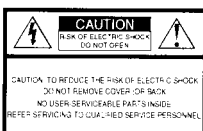
### **⚠ CAUTION**

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.

**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.

# Before Using

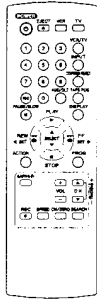
## Congratulations

on your new purchase! With proper use, this dependable product will provide years of enjoyment. Please fill in the information below. (Serial number is on tag on back of VCR.)

- Date of Purchase \_\_\_\_\_
- Dealer Purchased From \_\_\_\_\_
- Dealer Address \_\_\_\_\_
- Dealer Phone No. \_\_\_\_\_
- Model No. **PV-V4525S** \_\_\_\_\_
- Serial No. \_\_\_\_\_

## Accessories

- Remote Control  
EUR7723KA0



- Batteries 2 "AA"



- RF Coaxial Cable  
LSJA0418



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

## Loading the Batteries

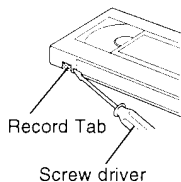
- 1) Open cover.
- 2) Insert batteries as marked.
- 3) Close cover.

## Battery replacement caution

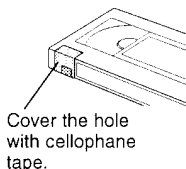
- Do not mix old and new batteries.
- Do not mix alkaline with manganese batteries.

## Prevent Accidental Tape Erasure

Break off the tab to prevent recording.



To record again.



## Record/Playback Time

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

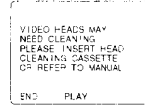
Tape Speed Setting	Type of Video Cassette		
	T120	T160	T180
SP (Standard Play)	2 Hours	2 Hours 40 Minutes	3 Hours
SLP (Super Long Play)	6 Hours	8 Hours	9 Hours

## Head Cleaning

Old or damaged tapes may clog heads.

### Video Head Clog Sensor

Screen-right appears during play if clogging is detected. To remove screen, press PLAY.



- Use "dry" type head cleaning cassette only. (Part No. NV-TCL30PT is recommended.)
- Follow cleaning tape instructions carefully. Excessive use of tape can shorten head life.
- If head clog symptoms persist, contact your nearest servicer by visiting our Web Site (p. 12).

## Cleaning the VCR

Use soft, dry cloth or dusting attachment of a vacuum to remove dust from all cabinet vent holes. You may moisten cloth with non-abrasive, antistatic cleaner/ polisher.

### Caution:

Alcohol and various solvents could damage finish.

## Specifications

**Power Source:** 120 V AC, 60 Hz

**Power Consumption:** Power On  
Approx. 14 W  
Power Off  
Approx. 0.95 W

**Video Signal:** EIA Standard NTSC color

**Video Recording System:** 4 rotary heads helical scanning system

**Audio Track:** 1 track (Normal)  
2 channel (Hi-Fi Audio Sound)

### Tuner

**Broadcast Channels:** VHF 2 ~ 13, UHF 14 ~ 69

**CABLE Channels:** Midband A ~ I (14 ~ 22)  
Superband J ~ W (23 ~ 36)  
Hyperband AA ~ EEE (37 ~ 64)  
Lowband A-5 ~ A-1 (95 ~ 99)  
Special CABLE channel 5A (01)  
Ultraband 65 ~ 94, 100 ~ 125

### Operating

**Temperature:** 5 °C ~ 40 °C (41 °F ~ 104 °F)

**Operating Humidity:** 10 % ~ 75 %

**Weight:** 2.3 kg (5.1 lbs).

**Dimensions:** 360 (W) x 90 (H) x 226 (D) mm  
14-3/16" (W) x 3-9/16" (H) x 8-7/8" (D) inch

Note: Designs and specifications are subject to change without notice.

## Features for a Quality Picture

### Digital Auto Picture

Automatically controls the video output signal for less noise depending on the tape condition.

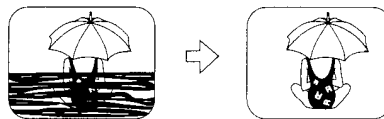
### Digital Auto Tracking

Continuously analyzes the signal and adjusts for optimum picture quality.

### Manual Tracking Control (to reduce picture noise)

Use during Playback and Slow Motion mode to reduce picture noise.

Press CH (TRACKING) ▲/▼ on the remote control or on the VCR until the picture clears up. To return to Auto Tracking, press POWER off, then on again a few seconds later.



### V-Lock Control (to reduce picture jitter)

In Still mode, CH (TRACKING) ▲/▼ operate as a V-Lock control.

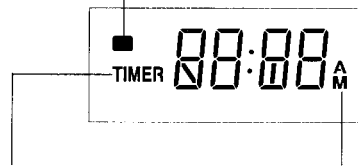
• Important Safeguards • Accessories • Head Cleaning • Loading Batteries • Prevent Tape Erasure • Specifications • Record/Playback Time

# Location of Controls/ Reset All VCR Memory Functions

## Multi Function Display (FRONT DISPLAY)

### Power Indicator

Lights up when power is on.



**Clock/ Status/ Channel/ Speed Display**  
Displays current time. Briefly displays VCR status when you press a function button, channel number or "L1" or "L2" when you select channel or line input, and recording speed when you press SPEED.

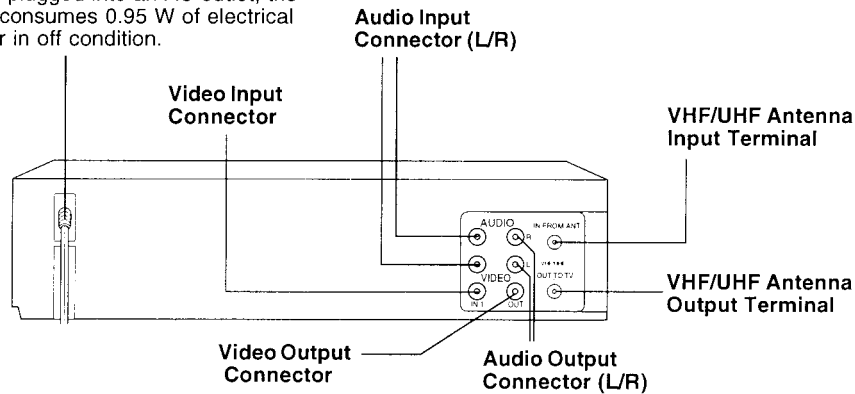
### Timer Indicator

Lights up when the VCR is set for a Timer Recording, or when One Touch Recording (OTR) is used. Flashes when a Timer Recording is set, but a tape has not been inserted into the VCR.

## Rear View of the VCR

### AC Power Plug

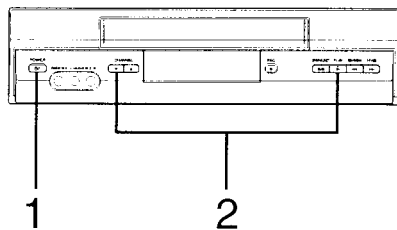
While plugged into an AC outlet, the VCR consumes 0.95 W of electrical power in off condition.



## Reset All VCR Memory Functions

Returns to factory setting. Use if relocating VCR, or if Initial Setup needs to be redone.

- Make sure a tape is not inserted in the VCR.



- 1 Turn VCR Power on.
- 2 Press and hold both **PLAY** and **CHANNEL ▼** on the VCR for more than 5 seconds.
  - The power shuts off.
- 3 Perform "Initial Setup (Ready to Play)" on page 4.

### Note to CABLE system installer

This reminder is provided to call the CABLE system installer's attention to Article 820-40 of the NEC in USA (and to the Canadian Electrical Code in Canada) 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.

Panasonic Consumer Electronics Company,  
Division of Panasonic Corporation of North America  
One Panasonic Way Secaucus, New Jersey 07094



Panasonic Sales Company ("PSC"),  
Division of Matsushita Electric of Puerto Rico, Inc.  
Ave. 65 de Infantería, Km. 9.5 San Gabriel Industrial Park, Carolina,  
Puerto Rico 00985

Printed in Indonesia  
LSQT0864 A