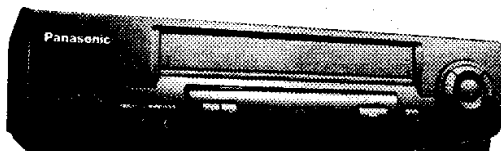


—TENTATIVE—



Omnivision VHS

Panasonic

Video Cassette Recorder
Operating Instructions

Models No. NV-FJ4521PX

Initial Setup
(Connection)

Basic
Operation

Timer
Recording

Advanced
Operation

For Your
Information

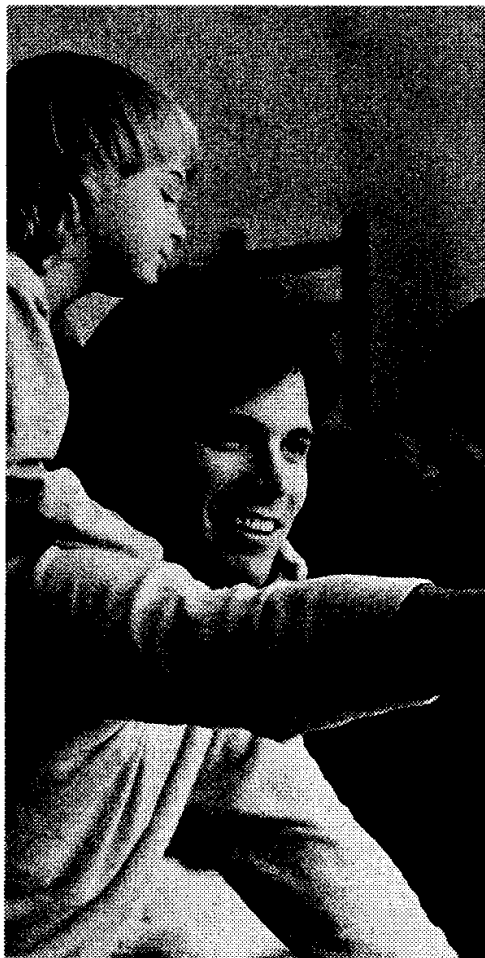


EXHIBIT # 6
FIG No. _____
FCC ID : ACJ927139PX
MODEL No NV-FJ4521PX
OUR REF. MKES00-F019

Connections and Initial Setup Procedures are on pages 8 to 9.

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.



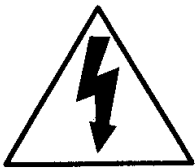
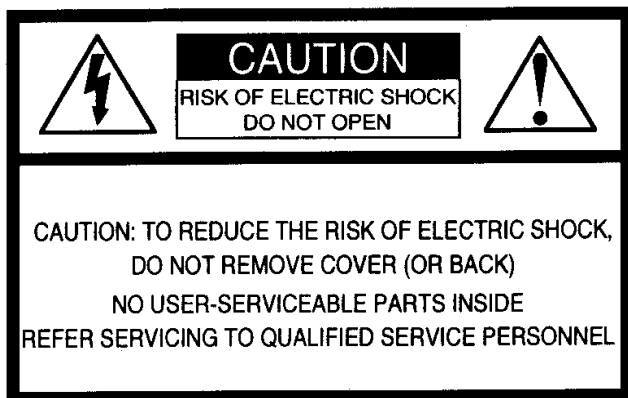
Please read these instructions carefully before attempting to connect, operate or adjust this product. Please save this manual.

This product is designed for the US. Some features are not available except in the US.

LSQT0***A

Safety Precautions

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



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.

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.

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

Before Using

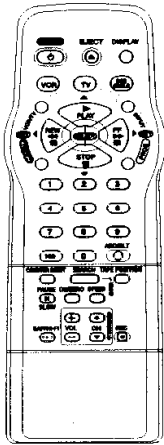
Congratulations

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

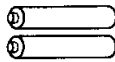
- Date of Purchase _____
- Dealer Purchased From _____
- Dealer Address _____
- Dealer Phone No. _____
- Model No. _____
- Serial No. _____

Accessories

- ☐ Remote Control
LSSQ0+++



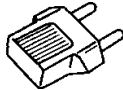
- ☐ Batteries 2 "AA"



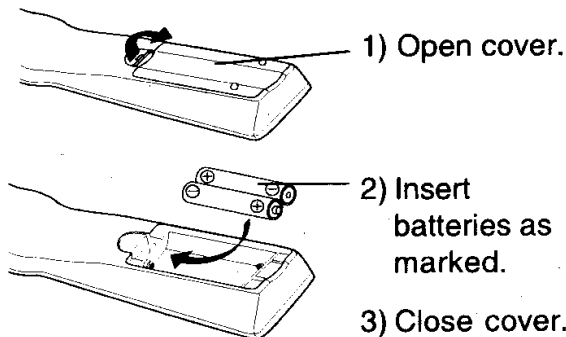
- ☐ RF Coaxial
Cable
VJAS0196



- ☐ Power Plug
Adapter
VJSS0070



Loading the Batteries



- ☐ **Battery replacement caution**

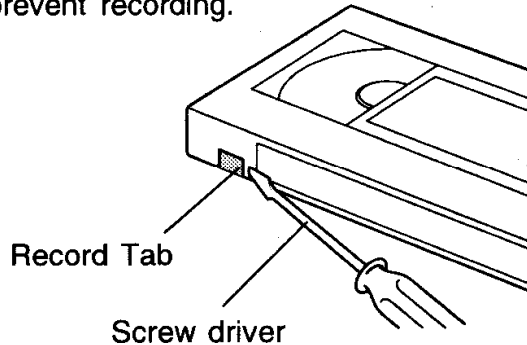
- Do not mix old and new batteries.
- Do not mix alkaline with manganese batteries.

Cautions

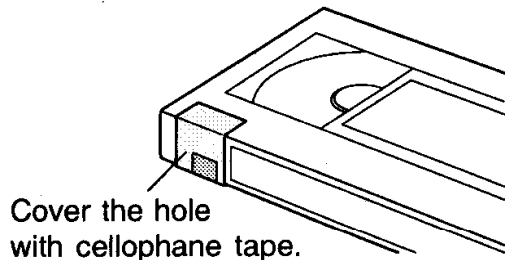
- Voltage 100V, 220V and 240V are not for use in USA.
- Operation at a voltage higher than 120V AC may require the use of a different AC plug. Please contact either a local or foreign Panasonic Distributor Center for assistance in selecting an alternate plug.

Prevent Accidental Tape Erasure

Break off the tab to prevent recording.



To record again



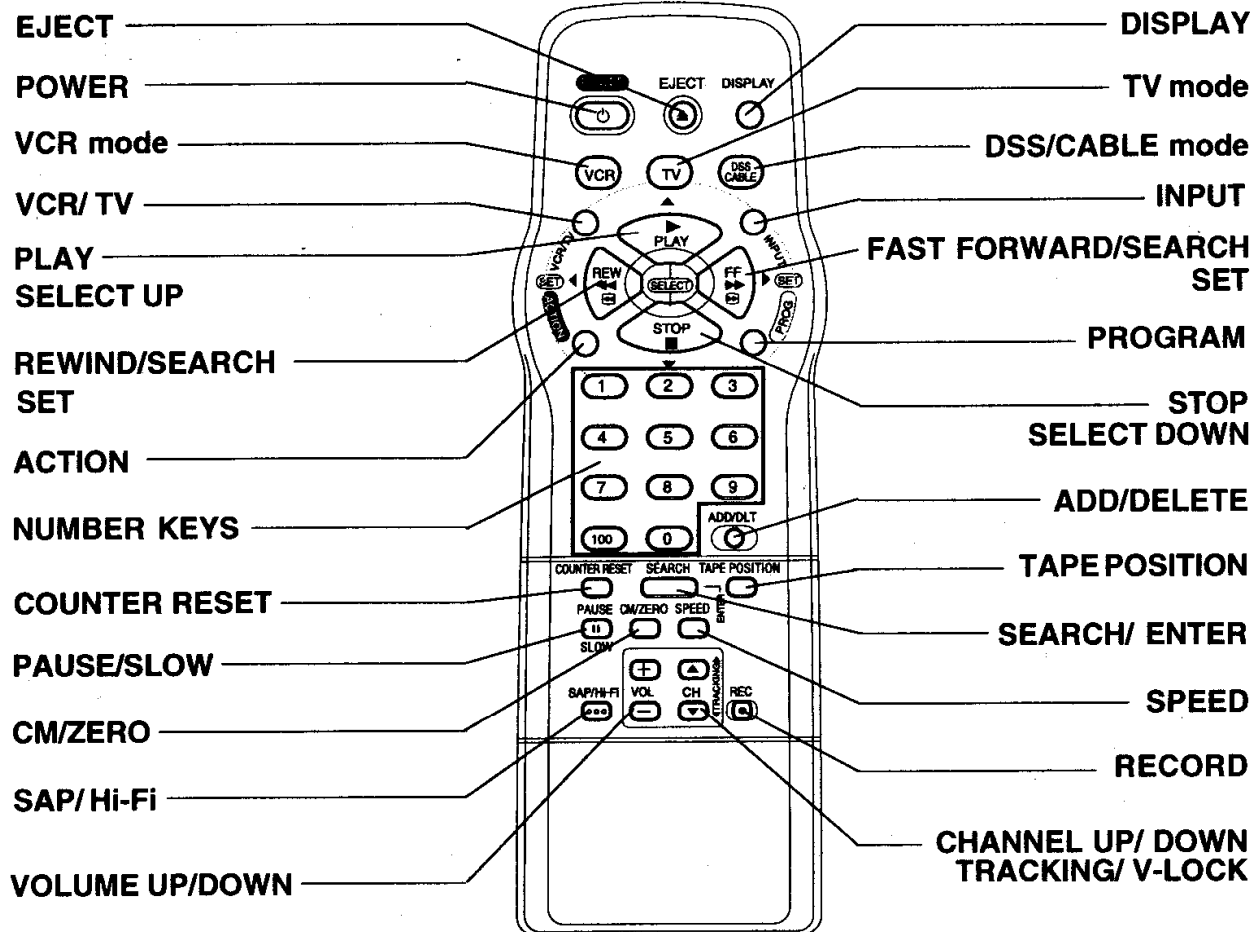
Record/Playback Time

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

Tape Speed Setting	Type of Video Cassette		
	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 (SuperLong Play)	3 Hours	6 Hours	8 Hours

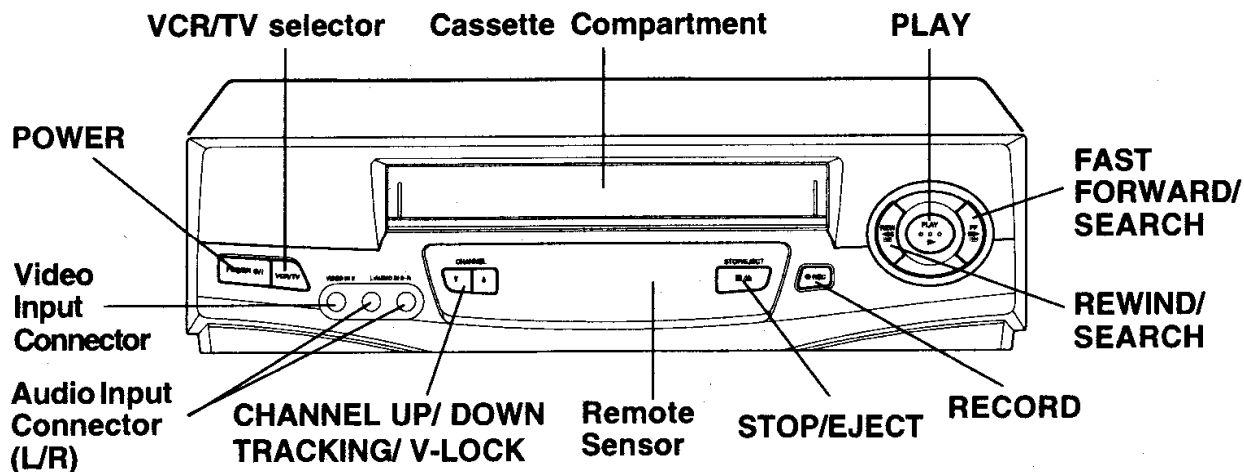
Location of Controls

Remote control



EJECT button: Press to eject tape from VCR. If EJECT is pressed during record, VCR will not respond.

Front View of the VCR



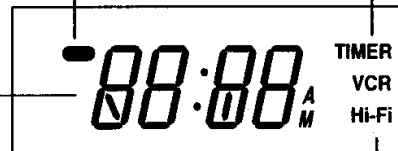
Multi Function Display

Power Indicator

Lights when power is on.

Timer Indicator

Lights 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 and when a power interruption occurs during Timer Programming.



VCR Indicator

Lights when the VCR/TV selector is set to VCR.

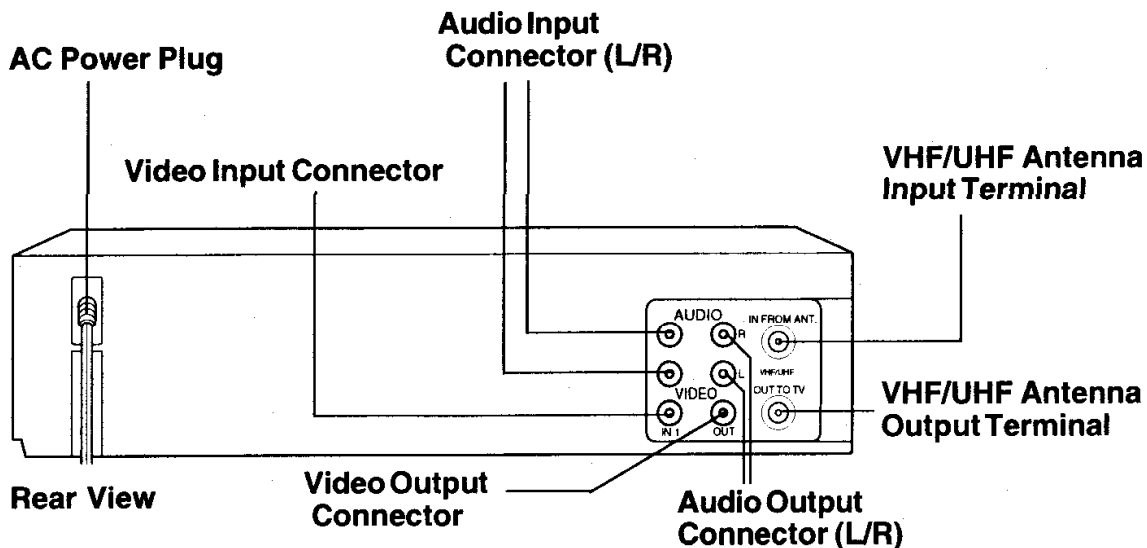
Clock/ Status/ Channel/ Speed Display

Displays the current time. Briefly displays VCR status when a function button is pressed. Briefly displays the channel number, or "L1" or "L2" when a channel or line input is selected. Briefly displays the recording speed when SPEED is pressed.

Hi-Fi Indicator

Lights when Hi-Fi audio is monitored in Playback Mode.

Rear View of the VCR



VCR & Cassette Information

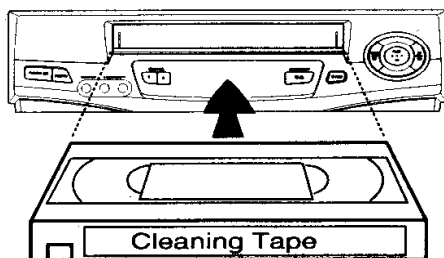
Head Cleaning

Playing older or damaged tapes may eventually cause video heads to become clogged.

Video Head Clog Sensor

During playback, this screen appears if clogging is detected. To remove screen, press **PLAY** on the remote or VCR.

VIDEO HEADS MAY
NEED CLEANING
PLEASE INSERT HEAD
CLEANING CASSETTE
OR REFER TO MANUAL
END :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 Factory Servicentre or authorized Servicentre. (See page 31.)

Cleaning the VCR

Use a soft cloth or dusting attachment of a vacuum cleaner to remove dust from the ventilation holes on the back sides and bottom of the cabinet.

Plastic surfaces are easily scratched and can be marred by alcohol and various solvents. Avoid excessive use of oil-based furniture polishes since the materials used in the cabinet will accumulate more dust. We recommend using a nonabrasive, antistatic cleaner and polisher.

Specifications

Power Source: 110-240 V AC Auto, 50-60 Hz

Power Consumption: Power On
Approx. 23 watts
Power Off
Approx. 3.5 watts

Video Signal: EIA Standard NTSC colour

Video Recording System: 4 rotary heads helical scanning system

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

Tuner: For USA

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

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

For EUROPE

VHF 2~13, UHF 14~69

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

Operating Humidity: 10%~75%

Weight: 2.5 kg (5.5 lbs).

Dimensions: 360 (W) x 93 (H) x 242 (D) mm
14-3/16" (W) x 3-11/16" (H) x
9-9/16" (D)

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

Features for a Quality Picture

Digital Auto Picture

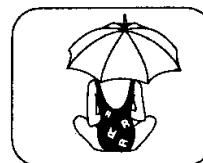
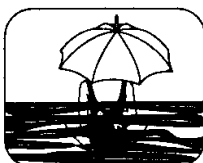
Automatically controls the video output signal for less noise depending on the tape condition.

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) ▲ / ▼ buttons 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) ▲ / ▼ buttons operate as a V-Lock control.

For Your
Information