



— TENTATIVE — Panasonic

Combination VCR Operating Instructions

Model No. PV-C2061/PV-C2081

EXHIBIT # 6
FIG No.
FCC ID : ACJ927141TX
MODEL No PV-C2081
OUR REF. MKES00-F017

- Initial Setup and Connection Procedures are on pages 8 to 13.
- SELF-DEMO Procedure is on page 4.



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.)

LSQT0332A

For assistance, please call : 1-800-211-PANA(7262) or send e-mail to : consumerproducts@panasonic.com

Initial Setup

Basic Operation

TV Operation

Timer Operation

Advanced Operation

For Your Information

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.

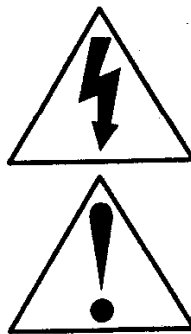
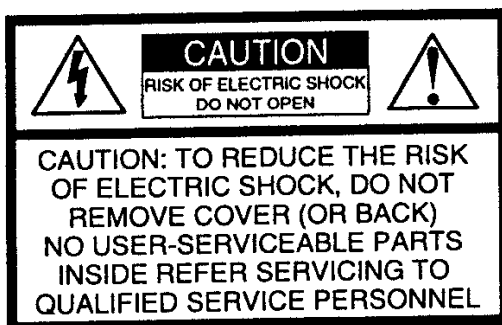
Attention : Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

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

Only use those tapes with the **VHS** 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.

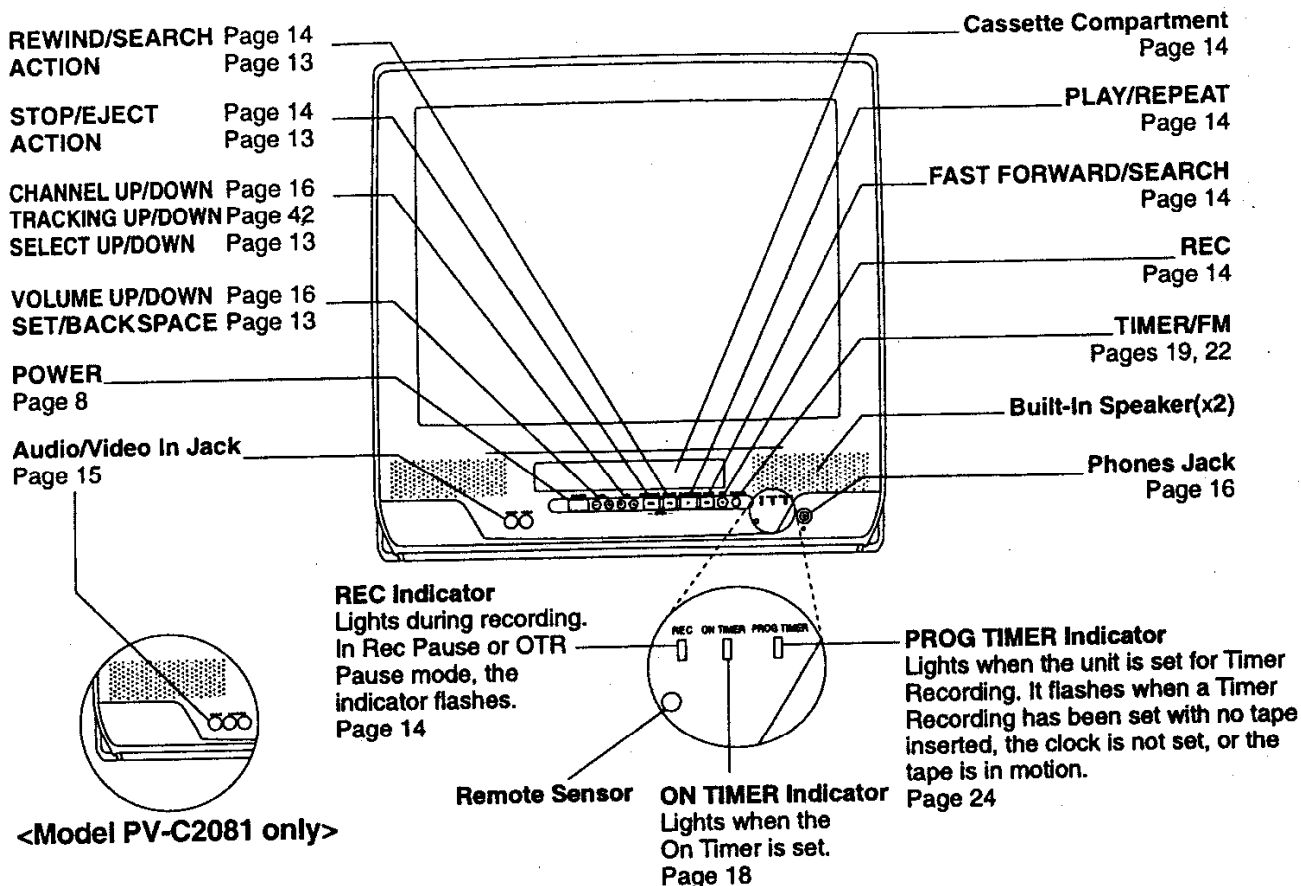
This symbol alerts the user that important literature concerning the operation and maintenance of this unit has been included. Therefore, it should be read carefully in order to avoid any problems.

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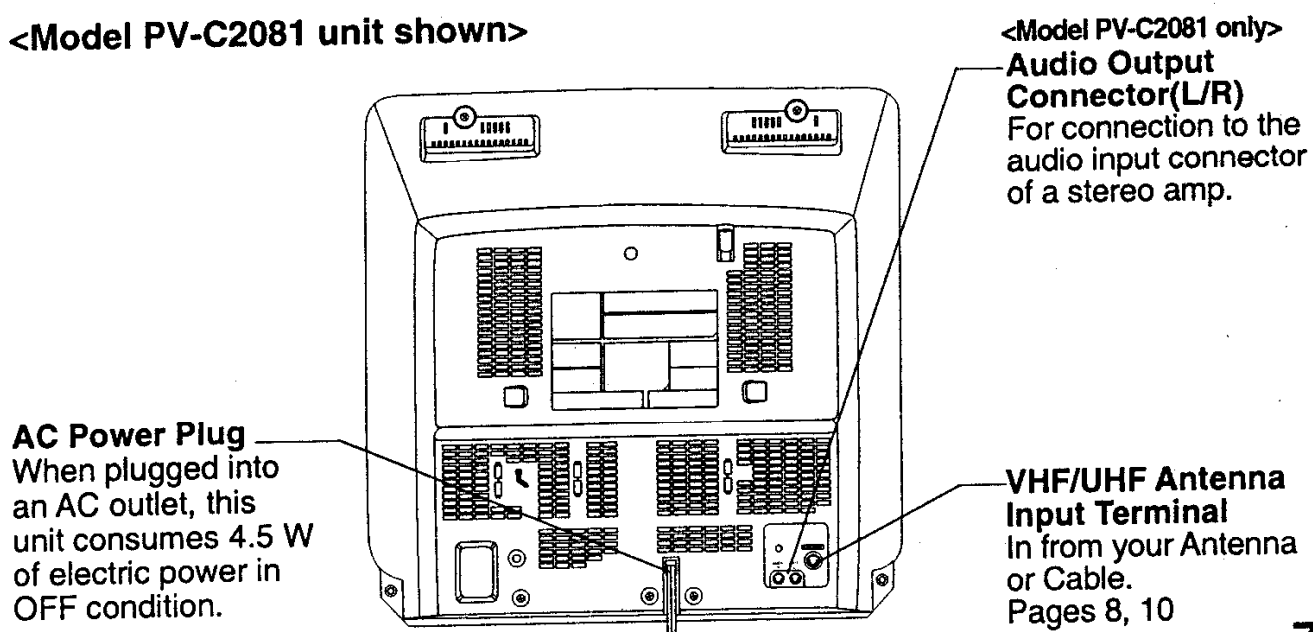
Front View of the unit and Indicators on the Front Panel

<Model PV-C2061 unit shown>



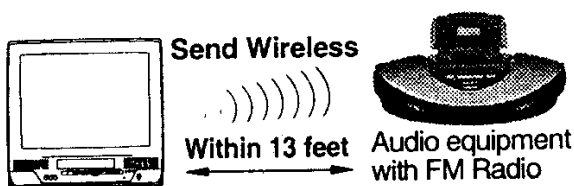
Rear View of the unit

<Model PV-C2081 unit shown>



FM Transmitter

<For Model PV-C2081 only>



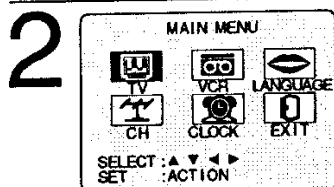
Carrier Frequency : 93 ~ 97, 99 ~ 103 MHz

FM Transmitter is ...

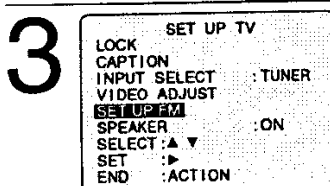
This unit's sound can be heard on an FM Radio. First, tune your radio to a vacant (no broadcast) station between 93 ~ 97 or 99 ~ 103 MHz. Then, set the combo to the same station. Now, fine-tune this unit so the sound comes in clearly.

FM Transmitter Carrier Frequency Setup

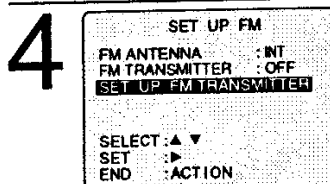
1 Press **ACTION** to display MAIN MENU.



1) Press ▲▼◀▶ to select "TV."
2) Press **ACTION** to display SET UP TV screen.

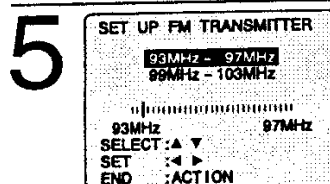


1) Press ▲▼ to select SET UP FM.
2) Press ▶ to display screen.

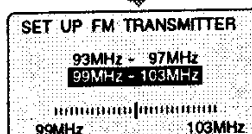


1) Press ▲▼ to select SET UP FM TRANSMITTER.
2) Press ▶ to display screen.

• When step 4 is done, if FM TRANSMITTER is "OFF," the unit is automatically set to "MONO."



1) Press ▲▼ to select the desired frequency range. (93-97 or 99-103 MHz)
2) Press ◀▶ to select the Carrier Frequency.
3) Press **ACTION** to set the Carrier Frequency. (The screen in step 4 is redisplayed.)



To Make Corrections, select frequency with CH ▲▼◀▶, then repeat step 5.

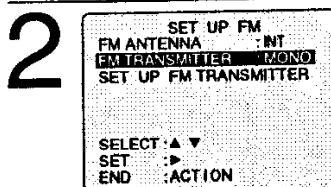
6 Press **ACTION** four times to end setup

Important: if a remote control button does not work when pressed, press the COMBO button on the remote and try the button again.

FM Transmitter Control

Set to "STEREO" if you wish to listen in stereo.

1 Do "FM Transmitter Carrier Frequency Setup" steps 1~3 at left.



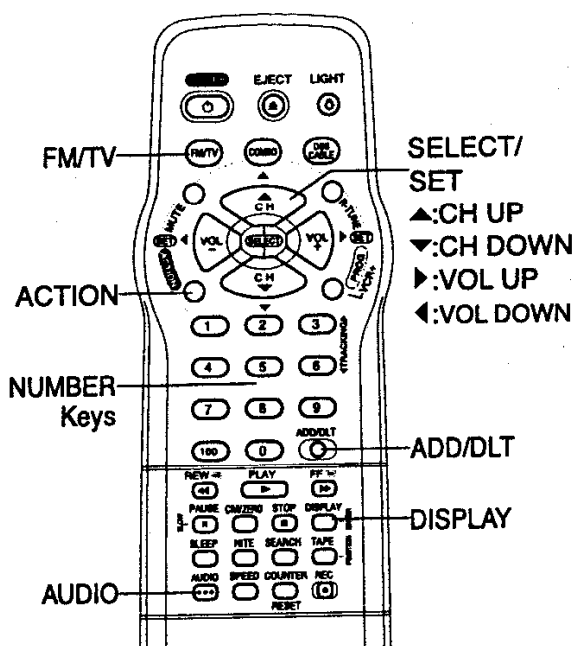
1) Press ▲▼ to select FM TRANSMITTER.
2) Press ▶ to select "OFF", "MONO", or "STEREO."

• If the sound becomes noisy, change the unit setting from STEREO to MONO or the FM Radio from stereo to monaural.

3 Press **ACTION** three times to end setup

Notes

- The Carrier Frequency shown by the selector bar is a guide only. Please listen to the sound and adjust accordingly.
- The unit will transmit sound when unit power is on and "FM TRANSMITTER : MONO or STEREO" is selected.
- When unit power is turned off, "FM TRANSMITTER" returns to "OFF" setting.
- Please place your FM Radio within 13 feet of the unit.
- Interference occurs when you select CATV channels 95, 96, or 97, while FM Transmitter is operating.
- FM Transmitter will not work in FM Radio Mode.
- Depending on the positioning or type of FM Receiver, the sound signal may become noisy. In this case, change the FM Receiver from Stereo to Monaural.
- Please note the current FM Transmitter capability is the maximum level allowed by FCC standard for low power license-exempt radio communication devices.



TV Operation

Unit Information

Important: If a remote control button does not work when pressed, press the COMBO button on the remote and try the button again.

Head Cleaning

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

Head Clog Sensor

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

- Use "dry" type head cleaning cassette only. (Part No. NV-TCL30PT is recommended.)
- Follow cleaning tape directions carefully. Excessive use of head cleaning tape can shorten the video head life.
- If head clog symptoms persist, contact your nearest Factory Service Center or authorized Service Center. (See Page 44.)

VIDEO HEADS MAY
NEED CLEANING
PLEASE INSERT HEAD
CLEANING CASSETTE
OR REFER TO MANUAL
END:PLAY KEY

DST (Daylight Saving Time)

Unit auto adjusts clock for DST (Daylight Saving Time.)

■ Spring (First Sunday in April)

DST : ON → Sets clock ahead one hour.

■ Autumn (Last Sunday in October)

DST : ON → Turns clock back one hour.

- If your area does not observe Daylight Saving Time, select DST:OFF.
- Keep these time changes in mind when programming the unit for timer recordings.

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

Specifications

Display

Picture Tube: 20 inch measured diagonal 90° deflection Picture Tube

VCR

Video Recording System: 4 rotary heads helical scanning system

Audio Track: 1 track (NORMAL)
2 channel (Hi-Fi Audio Sound) (PV-C2081)

Tuner

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 5A(01)
Ultraband 65 ~ 94, 100 ~ 125

FM Radio

Band range: 87.5 ~ 108.1 MHz

FM Transmitter

Band range: 93 ~ 97, 99 ~ 103 MHz
(PV-C2081)

General

Power Source: 120 V AC, 60 Hz
Power Consumption: Approx. 110 watts (Power on)
Approx. 4.0 watts (Power off)

Television System: EIA Standard NTSC color
Speaker: 2 pieces

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

Operating Humidity: 10 % ~ 75 %

Weight: 23 Kg (50.6 lbs.)

Dimensions: 515 (W) X 505 (H) X 474 (D) mm
20-5/16" (W) X 19-7/8" (H) X 18-11/16" (D)

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

Features for a Quality Picture

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 the 3 or 6 number key on the remote control or CH ▲▼ on the unit until the picture clears up. To return to Auto Tracking, press POWER off, then on again a few seconds later.

V-Lock Control

In Still mode, the 3 or 6 number key on the remote control or CH ▲▼ on the unit operate as a V-Lock control to reduce jitter.

PanaBlack™ Picture Tube

This unit uses a PanaBlack™ picture tube for better color reproduction and picture contrast.