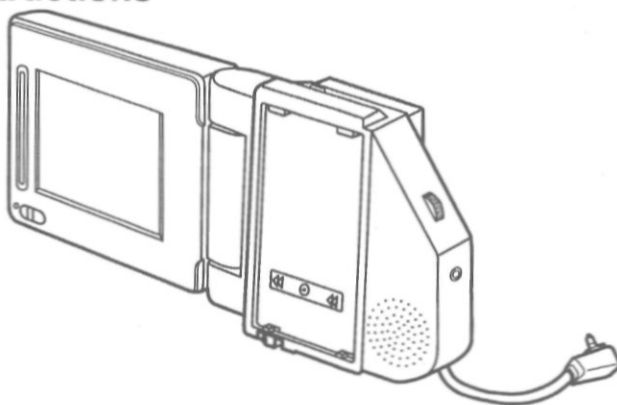


Panasonic®

PalmCorder
DisplayMate
LCD Monitor

Operating Instructions



PV-LCD35

Before attempting to connect, operate or adjust this product, please read these instructions thoroughly.

Specifications

Power Source:	DC 6V
Power Consumption:	4.6W
LCD Monitor:	3.2 inch (81.2mm) Liquid Crystal Display
Audio/Video Input:	M3 Connector
Ear Phone Jack:	M3 Type
Operating Temperature:	32°F~104°F (0°C~40°C)
Operating Humidity:	10%~75%
Weight:	0.72 lbs. 0.33kg
Dimensions:	8-1/4 (W) × 3-3/4 (H) × 1-3/8 (D) inch 210.5 (W) × 95 (H) × 35.8 (D) mm

Weight and dimensions shown are approximate.
Designs and specifications are subject to change without notice.

VQTW0569 ©

Things You Should Know

Thank you for choosing Panasonic!

You have purchased one of the most sophisticated and reliable products on the market today. Used properly, we're sure it will bring you and your family years of enjoyment. Please take time to fill in the information at right. The serial number of this product may be found on the surface of the unit. Be sure to **retain this manual** as your convenient LCD monitor information source.

Date of Purchase _____




Dealer Purchased From _____

Dealer Address _____

Dealer Phone No _____

Model No _____

Serial No _____

 <p>CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN</p> <p>CAUTION TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK) NO USER SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL</p>	 <p>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.</p>  <p>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.</p>
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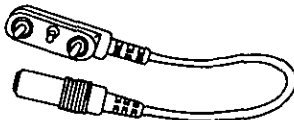
WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE

This unit is exclusively for use with the Panasonic Compact VHS Palmcorder models PV-IQ205, PV-IQ305, PV-IQ405, PV-IQ505, PV-IQ315, PV-IQ225, PV-IQ325, PV-IQ425, PV-IQ525, PV-IQ375, PV-IQ375A, PV-IQ475, PV-IQ575, PV-IQ485*, PV-IQ295, PV-IQ495 and PV-D705 and Quasar Compact VHS Palmcorder models VM550 and VM555 currently produced (*Sound from the Built-In Speaker and Earphone Jack is monaural)

With the supplied RCA-Mini Trans Adaptor, this unit is exclusively for use with the Panasonic Compact VHS Palmcorder models PV-IQ204, PV-IQ304, PV-IQ304A, PV-IQ404, PV-IQ404A, PV-IQ504, PV-IQ504A, PV-IQ604, PV-IQ244, PV-IQ394, PV-IQ494, PV-IQ594, PV-IQ344, PV-IQ384, PV-IQ384A, PV-IQ314, PV-IQ203, PV-IQ303, PV-IQ403, PV-IQ503, PV-IQ393 and PV-IQ493 and Quasar Compact VHS Palmcorder models VM110, VM540, VM544, VM545, VM547, VM549, VM100, VM530, VM535, VM538 and VM539

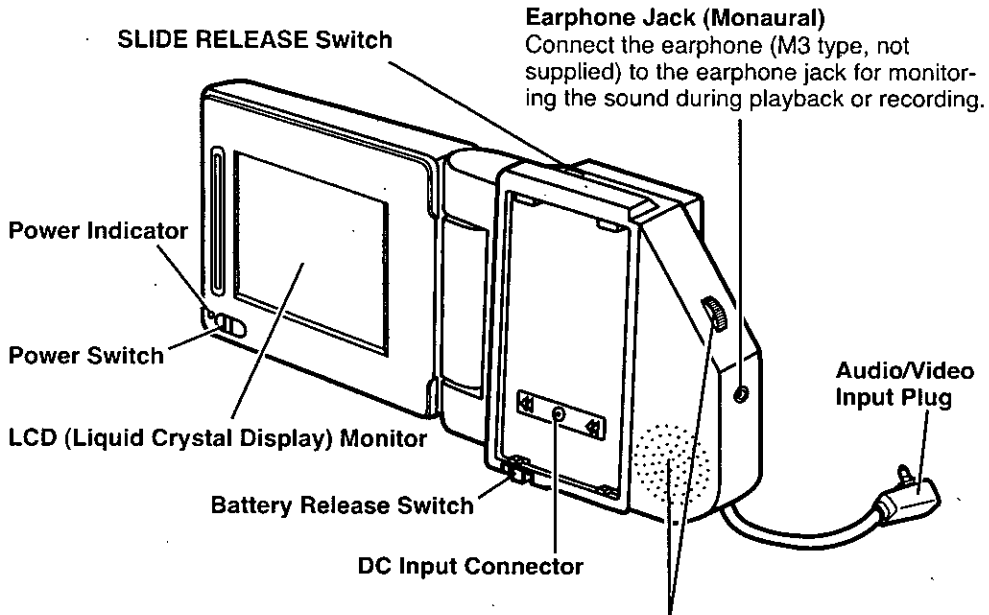
It cannot be used with other types of portable recorders

These accessories are provided in order to set up or use your Palmcorder DisplayMate
1 pc RCA-Mini Trans Adaptor (VJAW0035) 1 pc Wiping Cloth (VFCW0001)



Use this wiping cloth to clean the display screen of finger prints and other smudges

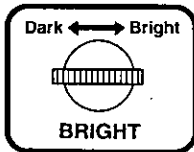
Index of Controls



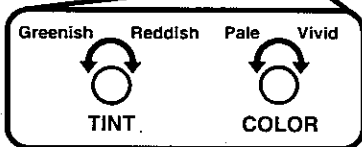
Built-In Speaker and Volume Control
For monitoring the sound during playback or recording. You can adjust the sound by rotating the volume control down for maximum or up for minimum.

Note:
If you hear a howling sound (feedback) while monitoring the recording, turn the volume down.

Underside



Bright Control
Adjusts the brightness of the picture.



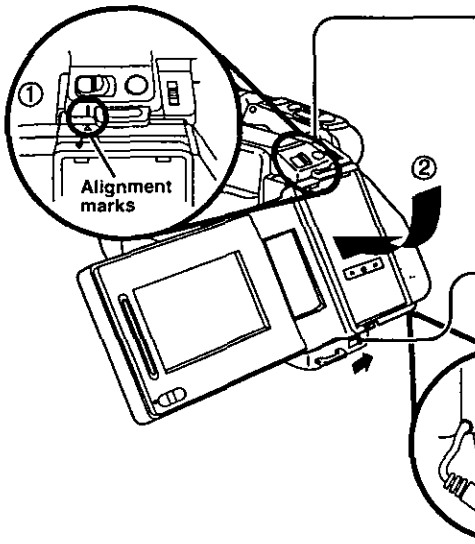
***Tint control**
Adjusts the tint for natural fleshones.

***Color Control**
Adjusts the color intensity.

***Note:** These controls have been set at the factory. It is not necessary to adjust these controls under normal circumstances. But, should it become necessary, be careful to make the adjustment with a small, slender screwdriver so as not to damage the miniature control.

Using the LCD Monitor

Attach/Remove the LCD Monitor



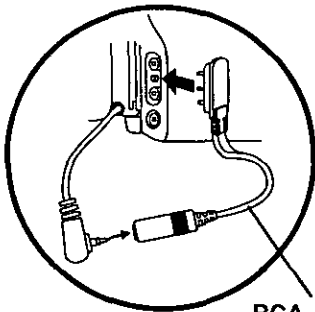
Attach the LCD monitor

- ① Align the LCD monitor with the top of the mounting surface
- ② Press it into place until it locks with a click
- ③ Connect the Audio/Video Input Plug to the Audio/Video Output Connector

Remove the LCD monitor

Disconnect the Audio/Video Input Plug from the Audio/Video Output Connector

While sliding the BATTERY RELEASE button on the Palmcorder, remove the LCD monitor

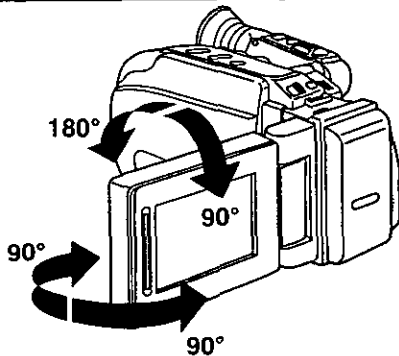


RCA-Mini Trans Adaptor

When connecting the LCD monitor to models PV-IQ204, PV-IQ304, PV-IQ304A, PV-IQ404, PV-IQ404A, PV-IQ504, PV-IQ504A, PV-IQ604, PV-IQ244, PV-IQ394, PV-IQ494, PV-IQ594, PV-IQ344, PV-IQ384, PV-IQ384A, PV-IQ314, VM110, VM540, VM544, VM545, VM547, VM549, PV-IQ203, PV-IQ303, PV-IQ403, PV-IQ503, PV-IQ393, PV-IQ493, VM100, VM530, VM535, VM538 and VM539, use supplied RCA-Mini Trans Adaptor for connection

In this case, connect the RCA-Mini Trans Adaptor to Palmcorder before attaching the LCD monitor to Palmcorder

Adjusting the Angle of the LCD Monitor



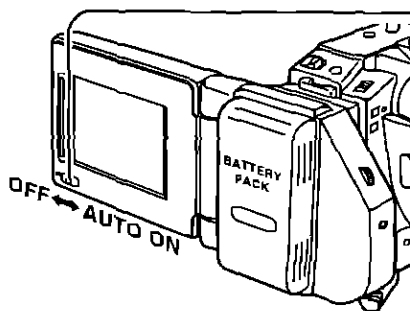
The LCD monitor can be adjusted to a wide range of horizontal and vertical positions for shooting or viewing

Using the LCD Monitor

Turn the LCD Monitor On/Off

To supply power to the Palmcorder and LCD monitor

Attach the Battery Pack or connect the DC Power Cable to the LCD monitor



Note

Using the LCD monitor reduces battery operating time. It is recommended to use 1.8Ah Battery Pack (PV-BP18) or 2.4Ah Battery Pack (PV-BP17) when using the LCD monitor.

Set the POWER switch to AUTO ON. The LCD monitor will then turn on/off according to the Palmcorder's POWER switch setting.

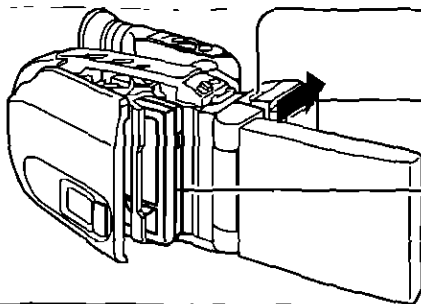
Set the POWER switch to OFF to turn off the LCD monitor only.

Note

- In some instances, if you turn on the Palmcorder's light during operation with the AC Adaptor, the LCD monitor may turn off. If this should occur, turn off the light and the LCD monitor automatically turns back on.

- Do not directly connect (short circuit) the positive (+) and negative (-) terminals of the LCD monitor when Battery is attached.

Cassette Insertion/Removal

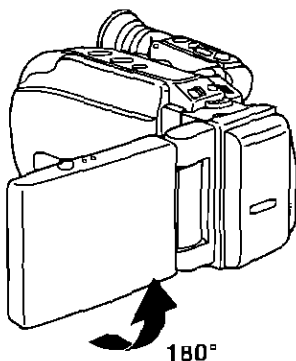


Push the **SLIDE RELEASE** switch on the LCD monitor.

Slide the LCD monitor to the right with the LCD monitor folded inward as indicated by the arrow.

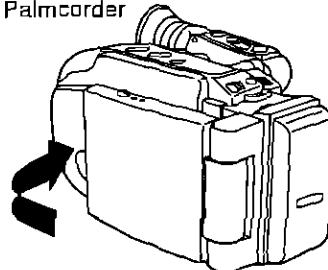
Insert/remove the cassette by opening the door.

Storage Position



When storing the Palmcorder with the LCD monitor attached, swing

- ① Flip the LCD monitor 180 degrees
- ② Swing the LCD monitor, with the screen facing inward, up against the Palmcorder.



Warranty

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

Panasonic Sales Company, Division of Matsushita Electric of Puerto Rico, Inc ("PSC")
Ave 65 de Infanteria Km 9.5
San Gabriel Industrial Park, Carolina,
Puerto Rico 00985
Tel (809)750-4300
Fax (809)768-2910

PANASONIC Camcorder Limited Warranty

Matsushita Consumer Electronics Company or Panasonic Sales Company (collectively referred to as "The warrantor") will repair this product with new or refurbished parts, free of charge, in the U.S.A. or Puerto Rico from the date of original purchase in the event of a defect in materials or workmanship as follows:

Parts (Except CCD Image Sensor)
New or rebuilt parts in exchange for defective parts for one (1) year from the date of original purchase.

CCD Image Sensor (If included)
CCD Image Sensor in exchange for defective CCD Image Sensor for six (6) months from the date of original purchase.

Batteries (If included)
New rechargeable batteries in exchange for defective rechargeable batteries for ten (10) days from the date of original purchase. Non-rechargeable batteries are not warranted.

Tape (If included)
New video cassette tape in exchange for a defective video cassette tape for five (5) days from the date of original purchase.

Labor
Carry-in or mail-in service for ninety (90) days from the date of original purchase. After the ninety (90) day labor warranty period is over, purchaser pays for all labor charges. Carry-in or mail-in service, as applicable, in the continental U.S.A. can be obtained during the warranty period by contacting a Matsushita Services Company (MSC) Factory Servicenter listed in the Servicenter Directory. Carry-in or mail-in service in Puerto Rico can be obtained during the warranty period by calling the telephone numbers listed in the Servicenter Directory. This warranty is extended only to the original purchaser. A purchase receipt or other proof of date of original purchase will be required before warranty service is rendered.

This warranty only covers failures due to defects in materials or workmanship which occur during normal use and does not cover normal maintenance, including, but not limited to, video and audio head cleaning. It does not cover damage which occurs during

shipment or failures which are caused by products not supplied by the warrantor or failures which result from accident, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, improper antenna, inadequate signal pick-up, maladjustment of consumer controls, line power surge, modification or commercial use, such as hotel, office, restaurant, or other business or rental use of the product or service by anyone other than an MSC Factory Servicenter or damage that is attributable to acts of God.

LIMITS AND EXCLUSIONS

There are no express warranties except as listed above.

THE WARRANTOR SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING, WITHOUT LIMITATION, DAMAGE TO TAPES) RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

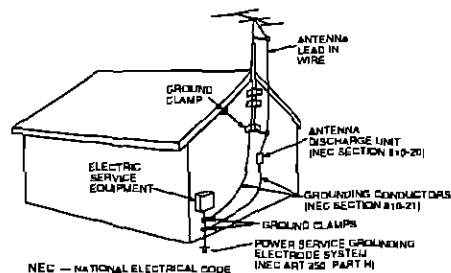
If a problem with this product develops during or after the warranty period, you may contact your dealer or Servicenter. If the problem is not handled to your satisfaction, then write to the Consumer Affairs Division at the company address indicated above. **SERVICE CALLS WHICH DO NOT INVOLVE DEFECTIVE MATERIALS OR WORKMANSHIP ARE NOT COVERED. COSTS OF SUCH SERVICE CALLS ARE THE RESPONSIBILITY OF THE PURCHASER.**

Important Safeguards

- 1 **Read Instructions** — All the safety and operating instructions should be read before the unit is operated.
- 2 **Retain Instructions** — The safety and operating instructions should be retained for future reference.
- 3 **Heed Warnings** — All warnings on the unit and in the operating instructions should be adhered to.
- 4 **Follow Instructions** — All operating and maintenance instructions should be followed.
- 5 **Cleaning** — Unplug this video unit from the wall outlet before cleaning. Do not use liquid cleaners. Use only the supplied wiping cloth for cleaning.
- 6 **Attachments** — Do not use attachments not recommended by the video product manufacturer as they may be hazardous.
- 7 **Water and Moisture** — Do not use this video unit near water — for example near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.
- 8 **Accessories** — Do not place this video unit on an unstable cart, stand, tripod, bracket, or table. The video unit may fall, causing serious injury to a child or adult and serious damage to the unit. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with the video unit. Any mounting of the unit should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer. 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.
- 9 **Ventilation** — Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the video unit and to protect it from overheating. These openings must not be blocked or covered. Never place the video unit on a bed, sofa, rug, or other similar surface, or near or over a radiator or heat register. This video unit should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
- 10 **Power Sources** — This video unit should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company. For video units intended to be operated from battery power or other sources, refer to the operating instructions.



- 11 **Grounding or Polarization** — This video unit may be equipped with either a polarized 2-wire AC (Alternating Current) line plug (a plug having one blade wider than the other) or 3-wire grounding type plug, a plug having a third (grounding) pin. The 2-wire polarized plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug still fails to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug. The 3-wire grounding type plug will fit into a grounding type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding type plug.
- 12 **Power-Cord Protection** — Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords of plugs, convenience receptacles, and the point where they exit from the unit.
- 13 **Outdoor Antenna Grounding** — If an outside antenna or cable system is connected to the video unit, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Part 1 of the Canadian Electrical Code, in USA Section 810 of the National 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.



- 14 **Lightning** — For added protection of this video unit receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the video unit due to lightning and power-line surges.

Important Safeguards

- 15 **Power Lines** — An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
- 16 **Overloading** — Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.
- 17 **Objects and Liquids** — Never push objects of any kind into this video unit through openings as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind onto the video unit.
- 18 **Service** — Do not attempt to service this video unit yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
- 19 **Damage Requiring Service** — Unplug this video unit from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a When the power-supply cord or plug is damaged
 - b If any liquid has been spilled onto, or objects have fallen into the video unit
 - c If the video unit has been exposed to rain or water
 - d If the video unit does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the video unit to its normal operation
 - e If the video unit has been dropped or the cabinet has been damaged
 - f When the video unit exhibits a distinct change in performance — this indicates a need for service
- 20 **Replacement Parts** — When replacement parts are required be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.
- 21 **Safety Check** — Upon completion of any service or repairs to this video unit, ask the service technician to perform safety checks to determine that the video unit is in safe operating order.

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

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with Part 15 and part 18 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when operated in a residential environment.

If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, use the equipment in another location and/or utilize an electrical outlet different from that used by the receiver.

If necessary, consult the dealer or an experienced radio/TV technician for help. You may find the booklet "Something About Interference" available from FCC local regional offices helpful.

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Carolina, Puerto Rico 00985

