

# OWNER'S MANUAL

**VHS** VIDEO CASSETTE PLAYER

# *VPC2A3NMA*

TENTATIVE

# Shintom

# IMPORTANT SAFEGUARDS

## 1. READ INSTRUCTIONS

All the safety and operating instructions should be read before the appliance is operated.

## 2. RETAIN INSTRUCTIONS

The safety and operating instructions should be retained for future reference.

## 3. HEED WARNINGS

All warnings on the appliance and in the operating instructions should be adhered to.

## 4. FOLLOW INSTRUCTIONS

All operating and instructions for use should be followed.

## 5. CLEANING

Unplug this video product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.

## 6. ATTACHMENTS

Do not use attachments not recommended by the video product manufacturer as they may cause hazards.

## 7. WATER AND MOISTURE

Do not use this video product 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 product on an unstable cart, stand, tripod, bracket, or table. The video product may fall, causing serious injury to a child or adult, and serious damage to the appliance. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the video product. Any mounting of the appliance should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

8A. 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 product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the video product on a bed, sofa, rug, or other similar surface. This video product should never be placed near or over a radiator or heat register. This video product 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 product 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 products intended to operate from battery power, or other sources, refer to the operating instructions.

## 11. GROUNDING or POLARIZATION

This video product is equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This 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 should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized 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 at plugs, convenience receptacles, and the point where they exit from the appliance.

## 13. LIGHTNING

For added protection for this video product 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 product due to lightning and power-line surges.

## 14. 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.

## 15. OVERLOADING

Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

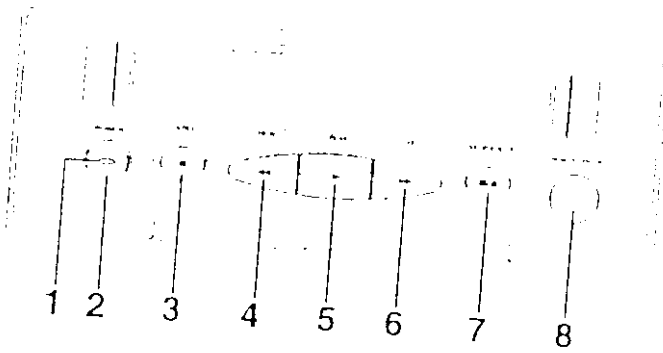
## 16. OBJECT AND LIQUID ENTRY

Never push objects of any kind into this video product 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 on the video product.

## 17. SERVICING

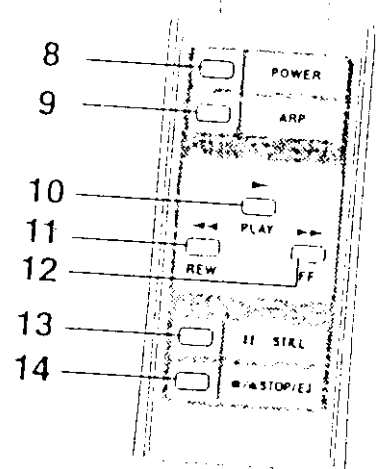
Do not attempt to service this video product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

# NAMES OF PARTS AND FUNCTIONS



## Front Panel

1. **POWER button**  
To turn the VCP on/off.
2. **POWER indicator**  
Lights up when you press the POWER button to turn on the VCP.  
Blinks when ARP(Auto Repeat Play)mode.  
Blinks faster when Auto tracking mode.
3. **STILL button**  
To freeze the picture. Press the PLAY button to resume playback.  
If the picture flickers or is distorted, hold down FF or REW button in the still mode until the picture stabilizes.  
**Note**
  - Picture noises, flickers or distortion may not be completely eliminated with this adjustment. This is not a defect in the unit.
4. **REW button**
5. **PLAY button**  
Digital auto tracking: When a playback starts, the VCP automatically adjusts the tracking for clear pictures and sound.(The POWER indicator on the VCP blinks faster.)
6. **FF button**
7. **STOP/EJECT button**
8. **Remote sensor**  
Receives signals to operate the VCP from the remote controller.



## Remote Controller

8. **POWER button**
9. **ARP (Auto Repeat Play) button**  
To activate the ARP mode on/off.
10. **PLAY button**
11. **REW button**
12. **FF button**
13. **STILL button**
14. **STOP/EJ button**

# Playback

1. Load a recorded cassette with its labeled side up in the cassette compartment. Playback starts automatically.
2. To stop the playback, press the **STOP/EJ** button.
3. To eject the cassette, press the **STOP/EJ** button.

To fast-forward the tape or to make fast-forward picture search, press the **FF** button in the stop or playback mode. Pressing the **PLAY** button resumes normal playback.

To rewind the tape or to make reverse picture search, press the **REW** button in the stop or playback mode. Pressing the **PLAY** button resumes normal playback.

## Auto playback

Insert the videocassette into the cassette compartment with the label side facing up. The VCP is turned on, and the videocassette starts to play automatically. (Auto Power On / Auto Play) At the end of the tape, the videocassette rewinds (Auto Rewind) and is ejected automatically, and then the VCP is turned off automatically.

## Auto Replay (ARP)

By pressing the **ARP** button, the **POWER** indicator blinks, and the ARP mode is activated. By pressing the **ARP** button again, the ARP mode is released.

- When the videocassette ends, it rewinds and plays automatically. Then the function repeats while the ARP mode is activated.

# ACCESSORIES

Aerial cable.....1    Remote Controller.....1    Batteries (AA).....2    Power supply cord.....1

# SPECIFICATIONS

## GENERAL

Format : VHS standard  
Video heads : 2 heads  
Video signal system : Standard NTSC 525 lines, 60 fields  
Tape speed : 33.4 mm/sec. (SP) 16.7 mm/sec. (LP) 11.1 mm/sec. (EP)  
Tape format : VHS 1/2-inch Cassette tape. Prerecorded.  
Winding time : Approx. 3 minutes with T-120 cassettes  
Dimensions : 270(W) × 94(H) × 320(D)  
Mass : 3.4 kg  
Operating temperature : +5 to +40° (40F to 106F)  
Operating humidity : Less than 80% RH  
Mains power : 120 V AC, 60 Hz  
DC Power : 12 V  
Power consumption : 15 Watts

## CONNECTORS

Aerial input / output : 75 Ω coaxial  
Video output : VIDEO OUT Phono type jack, 1.0 V (p-p), 75Ω  
Audio output : AUDIO OUT Phono type jack, 308 mV (rms), less than 4.7 kΩ

## VIDEO

Signal-to-noise ratio : More than 43 dB

## AUDIO

Signal-to-noise ratio : More than 42 dB  
Frequency range : 100 Hz to 10 kHz

## MISCELLANEOUS

RF output signal : VHF USA channel 3 or 4

Specifications are subject to change without notice.

# CONNECTION

Connect the VCP to your TV correctly before you begin the operation.

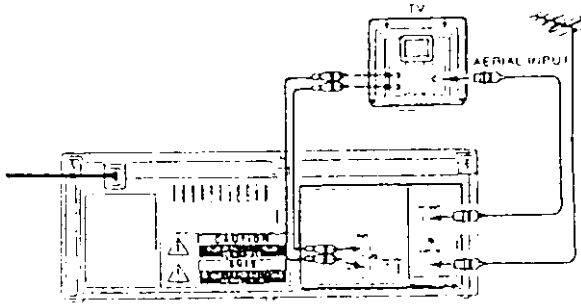
The power supply code should be connected last only after all other connections have been made.

## Antenna/VCP/TV Connection With Audio/Video Phono Type Jacks

When using the VCP

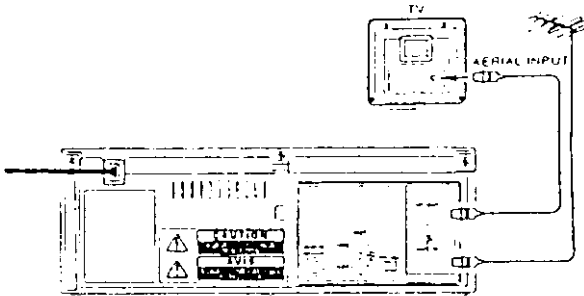
Set your TV to the video input mode using the TV's input selector.

(For details, refer to the TV's manual)



## Antenna/VCP/TV Connection Without Audio/Video Phono Type Jacks

1. Turn on the TV, and the VCP by pressing the POWER button. (see the next page)
2. Set the output channel selector on the rear panel to the vacant channel in your area (3 or 4).

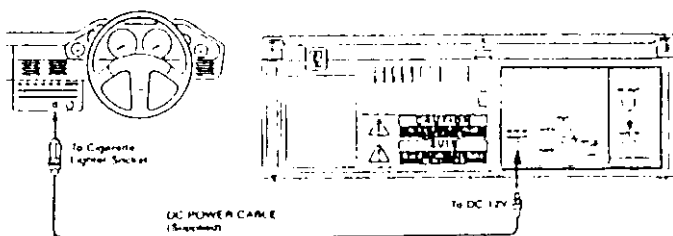


## VCP/Car's Cigarette Lighter Socket

When you want to use the VCP in the car, connect one end of the supplied DC power cable to the DC 12V socket on the VCP's rear panel, and the other end to the cigarette lighter socket of a car.

### Note

- Never connect to a cigarette lighter socket of vehicle equipped with a 24-volt battery, or damage to the VCP will result. When you using a DC power supply, make sure that your vehicle is equipped with a 12-volt battery of negative system.



## 18. DAMAGE REQUIRING SERVICE

Unplug this video product 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 liquid has been spilled, or objects have fallen into the video product.
- (c) If the video product has been exposed to rain or water.
- (d) If the video product 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 product to its normal operation.
- (e) If the video product has been dropped or the cabinet has been damaged.
- (f) When the video product exhibits a distinct change in performance-this indicates a need for service.

## 19. REPLACEMENT PARTS

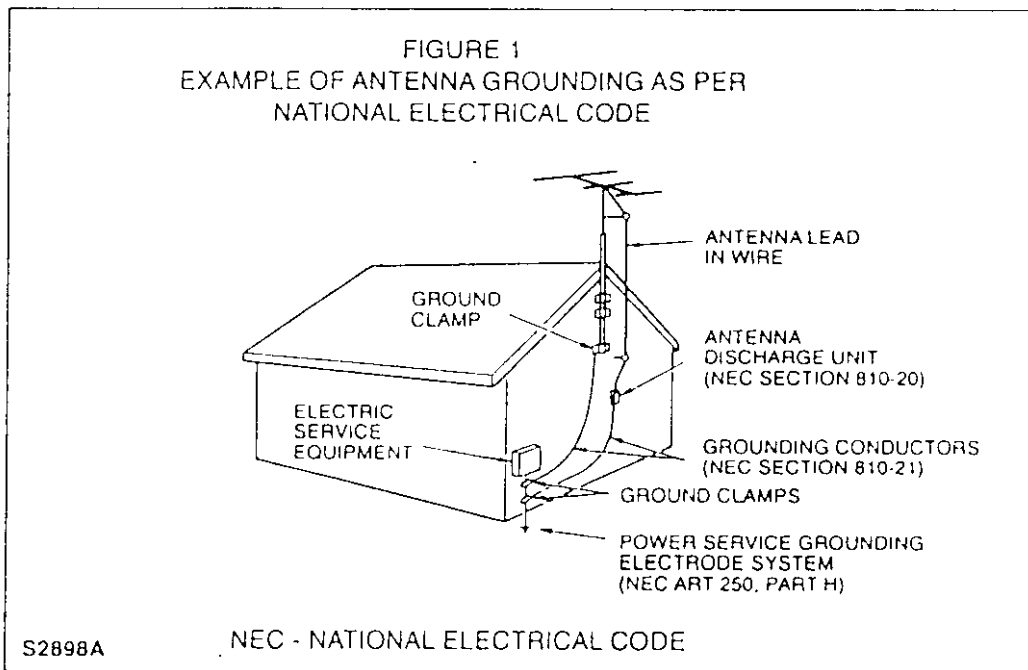
When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazard.

## 20. SAFETY CHECK

Upon completion of any service or repairs to this video product, ask the service technician to perform safety checks to determine that the video product is in safe operating condition.

## 21. OUTDOOR ANTENNA GROUNDING

If an outside antenna or cable system is connected to the video product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electric Code, ANSI/NFPA No. 70, provides information with regard 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. See Figure 1.





### NOTE TO CATV SYSTEM INSTALLER:

THIS REMINDER IS PROVIDED TO CALL THE CATV SYSTEM INSTALLER'S 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.

# PLEASE READ

	<b>CAUTION</b> RISK OF ELECTRIC SHOCK DO NOT OPEN	
<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>		



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

## IMPORTANT:

It is permissible to record television programs, film video tapes and other material only in the event that third party copyrights and other rights are not violated.

## WARNING:

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

## CAUTION:

TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

## ATTENTION:

POUR PREVENIR LES CHOCS ELECTRIQUES NE PAS UTILISER CETTE FICHE POLARISEE AVEC UN PROLONGATEUR, UNE PRISE DE COURANT OU UNE AUTRE SORTIE DE COURANT, SAUF SI LES LAMES PEUVENT ETRE INSEREES A FOND SANS EN LAISSER AUCUNE PARTIE A DECOUVERT.

This equipment has been tested and found to comply with the limits for a TV interface device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: Any changes or modifications not expressly approved by the manufacturer in accordance with the regulations may void the user's right to use the equipment.

For your reference, please record the model number and the serial number of your VIDEO CASSETTE RECORDER in the following space:

Model Number: \_\_\_\_\_

Serial Number: \_\_\_\_\_