

# INSTRUCTIONS

## Precautions, Contents & Features

The rating plate and the safety caution are on the rear of the unit.

**WARNING:**  
DANGEROUS VOLTAGE INSIDE

**WARNING:**  
TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

The **STANDBY/ON**  $\uparrow/\downarrow$  button does not completely shut off mains power from the unit, but switches operating current on and off.

This unit is produced to comply with Standard IEC 60065.

Please follow these precautions. Not doing so may result in damage to the VCP, remote control, or video cassette.

- Avoid extreme heat and direct sunlight.
- Avoid extreme cold.
- Avoid extreme humidity.
- Avoid dust.
- Avoid places subject to vibrations.
- Avoid strong magnetic fields.
- Do not block the VCP's ventilation openings.
- Do not place anything heavy on the VCP or remote control.
- Do not place anything which might spill on top of the VCP or remote control.
- Do not place the VCP on cushions, pillows, or thick carpeting.
- Use the VCP in a stable, horizontal position only.
- Place cassettes in cassette cases and store vertically.

### Beware of moisture condensation

Moisture in the air will condense on the VCP when you move it from a cold place to a warm place, or under extremely humid conditions — just as water droplets form on the surface of a glass filled with cold liquid. Moisture condensation on the head drum will cause damage to the tape. In conditions where condensation may occur, keep the VCP's power turned on for a few hours to let the moisture dry.

### When transporting

- Be sure to remove cassette from VCP before packing.
- Avoid violent shocks to the VCP during packing and transport.

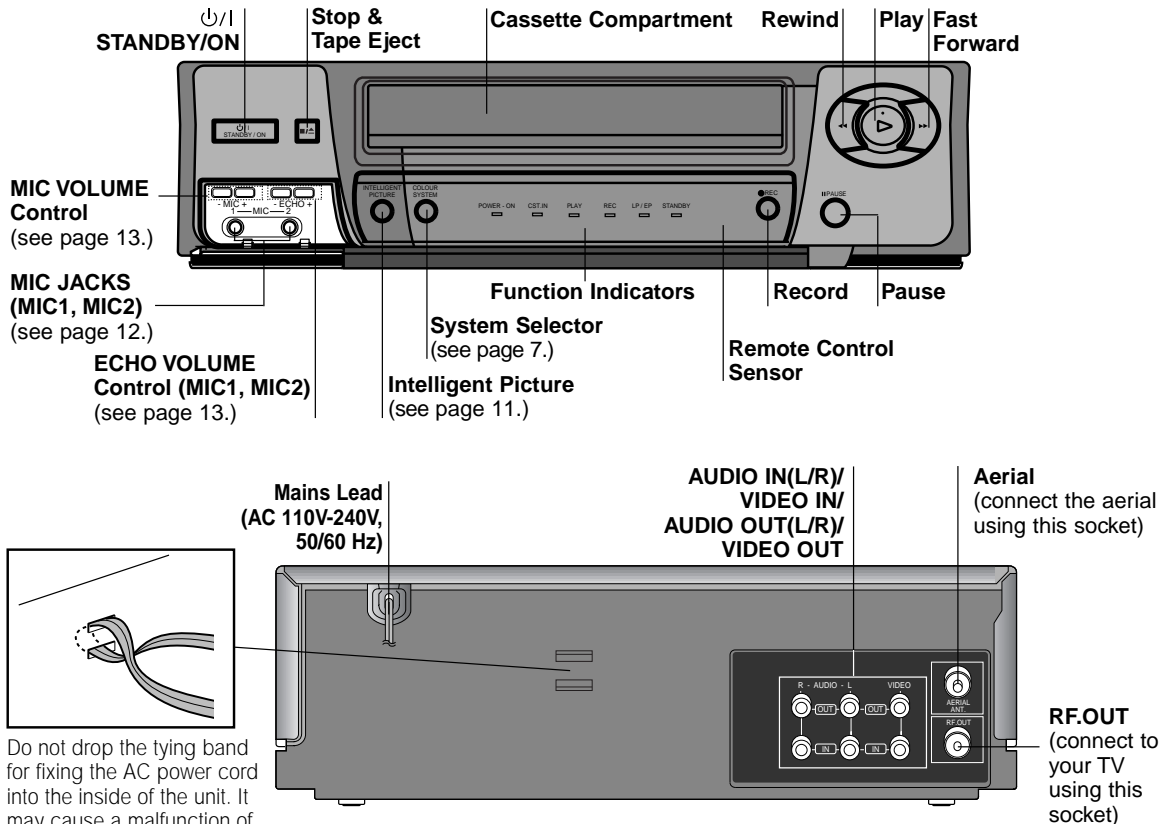
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- Super Multi System
  - PAL, SECAM - B/G D/K
  - MESECAM, NTSC 3.58/4.43
  - NTSC Playback on PAL TV
- Karaoke Functions
  - Echo Effect
  - Score Display
  - Tune Search
  - Level Meter Display
- Long Playback & Recording (LP/EP)
- Repeat Playback
- OSD (On Screen Display)
- Intelligent Picture (see page 11.)
- VCR Information (Self-Diagnosis)
- Line Recording thru AV jack

Thank you for buying this video cassette player.

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Each button on your VCP has the same function as its corresponding button on the remote control. (see page 6.)



## Your VCP's Controls

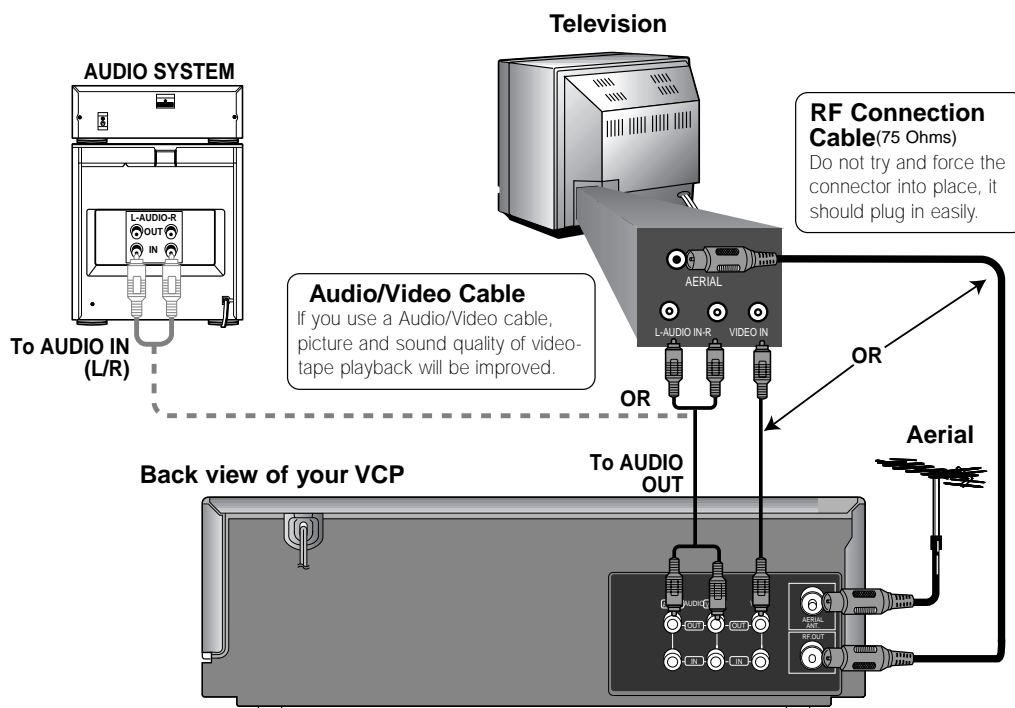
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# Connecting To a TV

If you connect your VCP using the supplied **RF Connection Cable** (75 Ohms) you will have to tune in a video channel on your TV in order to view video tapes. Further on in the book you will be given guidance on how to tune in your TV.

**Make sure all appliances are unplugged from the mains before connecting.**

The guidance given on this page is the most common form of connection. However please check with your manufacturer's instruction books for specific information. Make sure all connections are made with both your VCP and additional appliance unplugged from the mains to avoid damaging your equipment. Connecting a VCP using Audio/Video cable is one of the best ways to achieve optimum sound and picture quality from video-tape playback. If you own a TV with AV input sockets you will be able to enjoy it; you will be unable to enjoy this facility if you connected just using a normal RF cable.



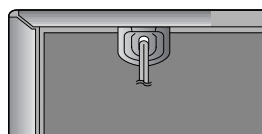
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Your TV receives signals from the video player (VCP) like another TV station. You have to select a channel number on your TV and tune it in so that you may watch video tapes. If you connect a monitor or a TV set equipped with **AUDIO** and **VIDEO** sockets this adjustment will not be necessary, simply select the **AV** mode on your TV.

# Tuning in a Video channel On your TV

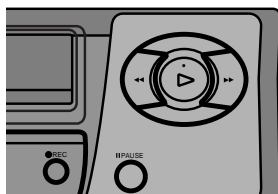
**1**  
Make sure that you have correctly installed your VCP as described earlier in this book.

Press **⏻/⏩** to turn on your VCP.



Turn on your TV.

**2**  
Insert a pre-recorded video tape into your VCP and press **PLAY**.



Select channel 36 on your TV.

And then you will see the picture being played in your VCP.

**3**  
Store the selected TV channel on your TV. (You will need to look at the TV instruction book if you do not know how to do this.)

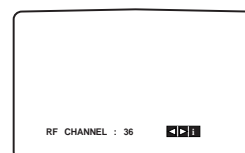
## Changing the transmitter channel

If channel 36 is already occupied at your TV set, or if the picture is distorted, you can change the transmitter channel of the VCP.

Make sure that your VCP is in **STANDBY**.

Hold down **OK** on the remote control for more than 5 seconds.

**4**  
Following picture will display on the TV screen.



Press **◀** or **▶** to select another video channel.

You may select any channel number between 32 and 40.

Select a TV channel number to match the selected video channel.

Press **MENU** when you have finished.

To watch TV programs, turn off your VCP. When your VCP is on, broadcast reception through the **AERIAL** socket is not possible.

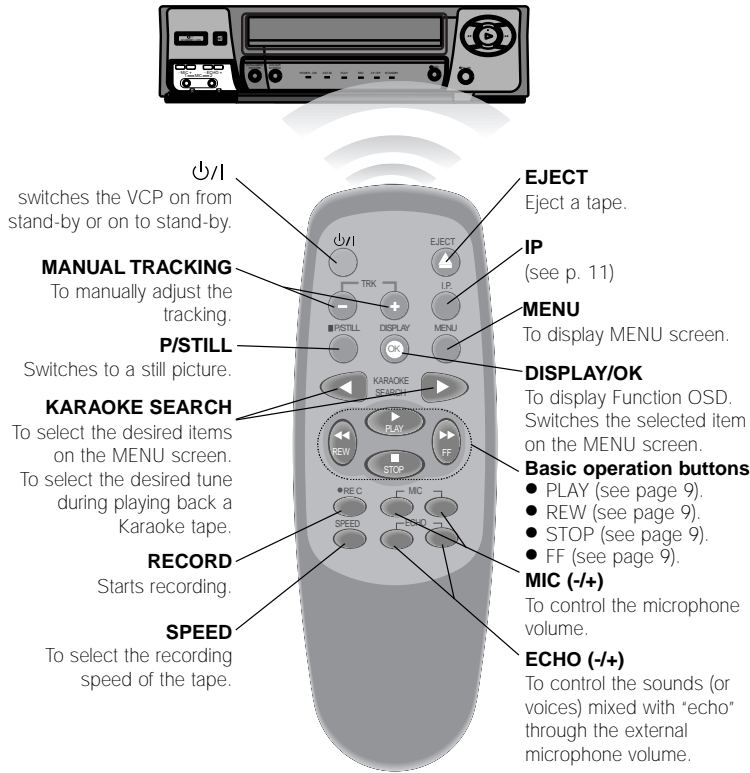
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# Remote Control Location & Function

If you do not intend to use the REMOTE CONTROL HANDSET for a long period of time, remove the batteries, store them in a cool, dry place and out of the reach of children.

Do not use batteries of differing age or type. Always discard batteries safely.

Your video player (VCP) is designed so that almost all of its features can be controlled from the **REMOTE CONTROL HANDSET**. Some features can also be controlled from the **FRONT PANEL** of the video player. The maximum operating distance that you may control your video player is about 7.5 metres (25 feet). It must also be within an angle of 30 degrees either side of the **REMOTE SENSOR** on the front of your video player.



## Battery Installation

Your REMOTE CONTROL HANDSET is powered by two AAA type batteries.



Push the tab backwards and lift off the cover of the handset.

Put the two batteries into the compartment making sure the **+** and **-** are correctly positioned.

Replace the cover.

The Remote Control is used exclusively with this VCP. You can't operate another JVC VCP or VCR.

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On Screen Display gives you information about the tape counter and operational mode of your VCP. Some functions of this video player can be set and altered on the TV screen using the remote control with On Screen Display.

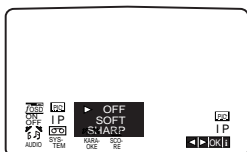
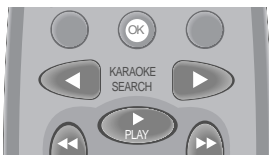
## MENU OSD

Press **MENU** to display the main menu.

Press **◀** or **▶** to select the desired menu.

Press **OK** and press **◀** or **▶** to select the sub menu.

Press **OK** and press **MENU** to remove the menu screen.



**FUNCTION OSD** – Switches the function OSD **ON** or **OFF**.  
**INTELLIGENT PICTURE** – To improve the playback picture (see p.11).

**REPEAT** – If you want to play back a tape repeatedly, set **REPEAT** – to **ON** (see p.10).

**VCR-INFO** – To check a problem with your VCP (see p.11).  
**ABC OSD** – To change the language setting for OSD (**ENGLISH** or **RUSSIAN**).

**AUDIO** – To select the channel for audio output (STEREO, LEFT, RIGHT and MONO).  
**RF D/K, B/G** – To select the channel of audio output according to your TV type ("RF D/K" for PAL D/K TV, "RF B/G" for PAL B/G TV).

**SYSTEM** – Select the colour system used for playback and recording. You can also set the system by pressing **COLOUR SYSTEM** on the front of your VCP. The system is changed as shown below.

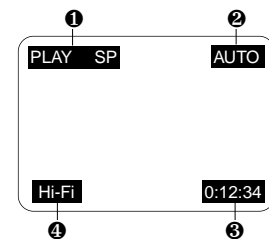
Source	Mode	System Change
PAL/MESECAM	Recording	AUTO→PAL→MESECAM
	Playback	AUTO→PAL→MESECAM
NTSC	Recording	NTSC3.58→NTSC4.43
	Playback	NTSC-PB→NTSC3.58→NTSC4.43

**KARAOKE** – To use the Karaoke function (see page 12).

**SCORE** – To display the score your song when you Karaoke (see page. 13).

## FUNCTION OSD

Press **DISPLAY** to display the function OSD.



- 1 Operating mode
- 2 Colour system
- 3 Tape counter (hours:minutes:seconds)
- 4 Audio output channel

The tape counter changes to 0:00:00 when the tape is ejected. The tape counter does not work when the tape is not inserted. After 3 seconds, the function OSD will automatically disappear.

The function OSD will not display in the KARAOKE mode.

# On Screen Display

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# How to play back a tape

This VCP is designed to play back and record cassettes using PAL, MESECAM, and NTSC (3.58 or 4.43) colour systems. You will only be able to load and eject video cassettes when your VCP is plugged into the mains.

## Getting a better picture

When a cassette is inserted and playback started, the automatic tracking function works to get the best possible picture automatically. **"AUTO TRACKING"** will appear on the TV screen while it is doing this. If the quality of the recording is poor, repeatedly press **TRK** (- or +) on the remote control to manually adjust the tracking until any distortions have been removed.

### 1

Make sure that you have correctly installed your VCP as described earlier in this book.

Press **⏻/I** to turn on your VCP.

Turn on your TV.



### 2

Insert the video cassette into your VCP. The video cassette should have the window side facing up and the arrow facing away from you.

Do not attempt to force a cassette into your VCP. There may already be a video cassette in your VCP. You may have the cassette upside down or back to front!

### 3

Check your tape programme system before playing back a tape. Press **PLAY** to start playing your tape.

If you load a video cassette which has had its record protection tab removed (e.g. rental movies from video hire shops) playback of the cassette will start automatically.



If you set **SYSTEM** to **AUTO**, your VCP detects the colour system automatically.

If there are colour problems with very weak signals, you should select the colour system manually.

Or ; If your tape programme is NTSC3.58 or NTSC4.43, set the system to **NTSC3.58** or **NTSC4.43** on a multi-system TV, or **NTSC-PB** on a PAL TV by pressing **COLOUR SYSTEM** repeatedly on the front of your VCP.

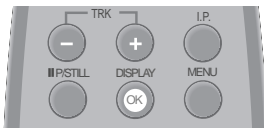
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## Video Head Cleaning

Whenever a video cassette is inserted into or ejected from your VCP the video head is automatically cleaned. This should mean that additional head cleaning should not be necessary. However dirt accumulating on the head after a long period of time can cause the playback picture to become blurred or broken up. High quality video cassette tapes will not normally deposit dirt onto the video head, but old or damaged tapes might.

### 4 Still picture and frame advance

Press **P/STILL** to still a picture.



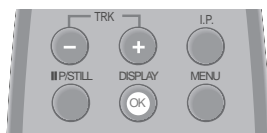
Tapes can be paused for up to 5 minutes. After 5 minutes your VCP will stop playing the tape to prevent damaging the tape or your VCP.

By repeatedly pressing the **P/STILL** the picture advances one frame at a time.



### 5 Slow motion

Press **PLAY** to continue playing your tape. If you hold down **P/STILL** the picture will be slowed down at about 1/19 times the normal playback.



### 6 Visual search

Press **PLAY** to continue playing your tape. Press either **FF** or **REW** during playing back. This will enable you to rapidly wind the tape and see where you are on the tape.

Press **PLAY** to resume normal playback speed.

During visual search **PLAY** indicator flashes in the display window on the front of your VCP.

Visual search will only continue for about 3 minutes, after which your VCP will return to normal playback. During visual search the sound is muted and there will be some noise streaks on the TV screen.



### 7

Press **STOP** to end playback.



Press **EJECT**. The cassette compartment will open and the video cassette will be partially ejected.



If the end of the tape is reached, your VCP will stop playback automatically, rewind, stop, eject the tape, and place itself into **STANDBY**.

In the search, still, slow-motion or flame advance mode,

- the picture will be distorted.
  - the noise bars will appear.
  - there will be loss of colour.
  - the picture may not appear.
- However this is not malfunction.

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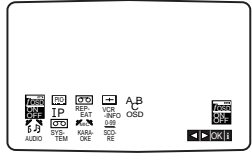
# Other Playback Features

**1**

## Repeat playback

If you want to play back a tape repeatedly, set **REPEAT** to **ON**.

Press **MENU**.



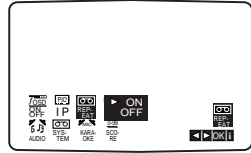
**2**

Press ◀ or ▶ to select **REPEAT**.

Press **OK**.

Press ◀ or ▶ to switch **ON** or **OFF**.

Press **MENU** to remove menus from TV screen.



**3**

When the end of the tape is reached, VCP automatically rewinds tape to the beginning and repeats playback continuously.

If you want to release this function, set **REPEAT** to **OFF**.

Ejecting a tape automatically switches **REPEAT** to **OFF**.

## Logic search

Hold down **FF** or **REW** to watch a picture of tape during fast forward or rewind.

Your VCP switches forward or reverse search.

Release the button to return to the fast forward or rewind.



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## VCR - Information (Self-Diagnosis)

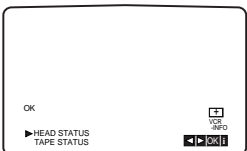
This feature informs you that there is a problem with your VCP. These error messages will appear on the TV screen.

**1**

Press **MENU**.

Press ◀ or ▶ to select **VCR-INFO**.

Press **OK**.



**2**

Press ◀ or ▶ to check a problem.

### HEAD STATUS

- **OK**
- **PLEASE CLEAN :**  
Clean your video heads.

### TAPE STATUS

- **RECORDABLE**
- **NOT RECORDABLE :**  
Insert a tape with its protection tab in place.

Press **MENU** to remove menus from TV screen.

**1**

Press **MENU**.

Press ◀ or ▶ to select **IP**.

Press **OK**.



**2**

Press ◀ or ▶ to select : **OFF**, **SOFT** or **SHARP**.



Press **MENU** to remove the menus.

Please note you may only set Intelligent Picture to on when playing a tape.

You can also set by pressing **INTELLIGENT PICTURE** on the front of your VCP.

# VCR Information (Self - Diagnosis) & Intelligent picture

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# Karaoke Playback

The KARAOKE SEARCH can be operated only when the mute section is more than 3 seconds between tune and tune.

Connect the microphone while playing a Karaoke tape, then you can enjoy the Karaoke at your own house.

## Important!

Turn the volume of each equipment to the lowest.

**1**

Turn on the TV, Amplifier and this video cassette player.

**2**

Insert a Karaoke tape.

**3**

Connect an external microphone into the **MIC** jacks (MIC1 or MIC2 or MIC1 and MIC2).

Please note you check the **KARAOKE on mode in the main menu (see p. 7).**

**4**

Press **PLAY**.



### KARAOKE SEARCH

You can search the desired tune by pressing the **KARAOKE SEARCH** button during playing a Karaoke tape.

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**5**

Adjust the sound volume of the microphone to the proper volume while singing with - **MIC +** button.



**6**

Adjust the echo effect to your taste while singing with - **ECHO +** button.



**7**

Press **STOP** to stop Karaoke playback.



You can have a fun using the scoring function installed.

1. Set to **SCORE ON** mode in the main menu.
2. Turn on the microphone.
3. Sing through the microphone.
4. When you have finished singing, the score will be displayed on the TV screen.

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# How to record

Your VCP allows you to make recordings connecting to a TV equipped with **AUDIO** and **VIDEO** sockets.

If you do not wish to record on a tape (this can happen quite easily by accident!) remove the safety tab on the back edge of the video cassette.



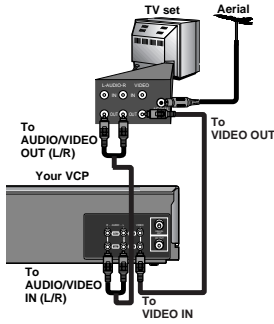
It is possible to record on a video cassette with the record protection tab removed by covering the hole with self adhesive tape.



## 1

Connect your VCP to a TV as shown below.

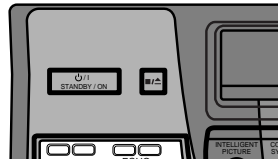
Your external aerial must be plugged in your TV.



## 2

Press **⏻/I** to turn on your VCP.

Turn on your TV and select the channel you wish to record with the TV's channel selector.



## 3

Insert a video cassette with the record protection tab into your VCP.

The video cassette should have the window side facing up and the arrow facing away from you.

Do not attempt to force a cassette into your VCP. There may already be a video cassette in your VCP. You may have the cassette upside down or back to front!

## 4

Set the desired recording speed by pressing **SPEED**.

NTSC colour system : SP or EP.  
PAL colour system : SP or LP.



## 5

Press **REC** to start recording.

During recording of TV programme you do not change the TV channel number on your TV.



## 6

Press **P/STILL** to avoid recording unwanted scenes. REC indicator flashes in the display window.

Press **P/STILL** again to continue recording.

Tapes can be paused for up to 5 minutes; PAUSE will be displayed when a tape is paused. After 5 minutes your VCP will stop recording to prevent damaging the tape or your VCP.



## 7

Press **STOP** to end recording.



Press **EJECT**. The cassette compartment will open and the video cassette will be partially ejected.



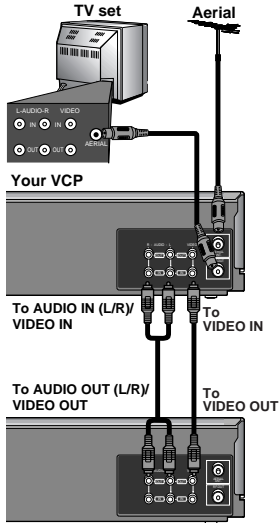
If the end of the tape is reached, your VCP will stop recording automatically, rewind, stop, eject the tape, and place itself into STANDBY.

# Dubbing Tapes

Make sure all connections are made with both your VCP's and Television unplugged from the mains to avoid damaging your equipment.

**1**

Connect your VCP to another VCP as shown below.



Unauthorized recording of copyrighted TV programmes, films, video cassettes and other materials may infringe the rights of copyright owners and be contrary to copyright laws.

**2**

Press **⏻/⏮** to turn on your VCP.

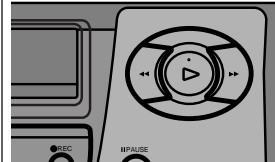
Insert a pre-recorded source tape into another (playing) VCP.



**3**

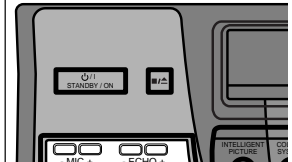
Insert a blank video tape with the record protection tab into your (recording) VCP.

Simultaneously begin playback on another VCP and record on your VCP.



**4**

Press **STOP** to stop recording.



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## Check the following before calling for service.

### No picture & no sound

- Is the mains plug plugged in and switched on ?
- Is the TV switched on ?
- Have you tuned in a video channel on your TV to watch video tapes on ? (see page 5.)
- If you have used a Audio/Video cable to connect your VCP and TV have you selected the AV mode on your TV?

### TV programmes cannot be recorded

Has the external aerial been plugged in your TV?  
(see page 14 step 1.)

### Video cassette cannot be inserted

Is the cassette compartment empty ?

### Remote control does not work

- Is the mains plug plugged in and switched on?
- Is the VCP switched on?
- Check the batteries in remote control.

### The top of the playback picture is unstable

- Is the video cassette damaged, have you tried using another one ?
- Make sure that you are using a video channel on your TV ?

### Auto Play does not work

Has the safety tab been removed from the video cassette ?

## General

Power .....	AC 110V-240V, 50/60Hz
Power consumption.....	Approx. 15 Watts
Tape format .....	Tape Width 12.7 mm (0.5 inch)
Dimensions (W x H x D) .....	360 mm x 94 mm x 270 mm
Weight .....	Approx. 3.8 Kg.
Operating temperature .....	5°C – 40°C
Operating humidity .....	Less than 80%.

## Video

Television system .....	CCIR standard (625 lines, 50 fields), PAL/SECAM colour signal
Recording format.....	PAL/MESECAM/NTSC3.58/NTSC4.43
RF OUT .....	PAL/SECAM (G or K)
Input level .....	1.0 Vp-p, 75 Ohm, unbalanced
Output level .....	1.0 Vp-p, 75 Ohm, unbalanced
RF modulator .....	UHF channels 32-40 (adjustable)

## Audio

Input level .....	-6 dBm, more than 47 kOhms
Output level .....	-6 dBm, less than 1.5 kOhms
Audio track .....	Mono track
Audio frequency response	Normal: 100 Hz-10 kHz (-6/+3 dBm) Hi-Fi: 20Hz-10 kHz (-6/+3 dBm)
Audio signal to noise ratio	Hi-Fi audio: More than 66 dB (JIS filter)
Audio dynamic range	Hi-Fi audio: More than 80 dB (JIS filter)

- Design and specifications are subject to change without notice.

# Specifications & Troubleshooting