



Video Cassette Player
with Line Recording

OWNER'S MANUAL

MODEL : CL172TW



Before connecting, operating, or adjusting this product,
please read this instruction booklet carefully and completely.



Precautions, Contents & Features

Thank you for buying this video cassette player.



I am LG Service Character and based on exclamation mark that means customer's impression. I should like to help you to get to know your new video player.



Position your VCP so that no bright light or sunlight falls directly onto it.

Care should be taken not to expose your VCP to any unnecessary vibration, moisture, dust or heat.

During electrical storms it is advisable to unplug both the aerial cable and mains plug to prevent accidental damage to your VCP and TV.

Do not operate your VCP if it is damaged. Your VCP should not be repaired by anyone except qualified service personnel.

Never remove the back cover of your VCP as this can expose you to very high voltage and other hazards. If your VCP does not operate properly, please check the Troubleshooting Guide on page 14. If your VCP still does not operate properly, unplug it and call your dealer.

If the unit is suddenly moved from a cold place to a warm place, do not operate it for two or three hours. Moisture condensation on the head drum, one of the most crucial parts of the unit, will cause damage to the tape. If you experience the above condition, plug the mains lead into an AC outlet, set the POWER switch to ON, and leave at room temperature until moisture condensation disappears.



Warning



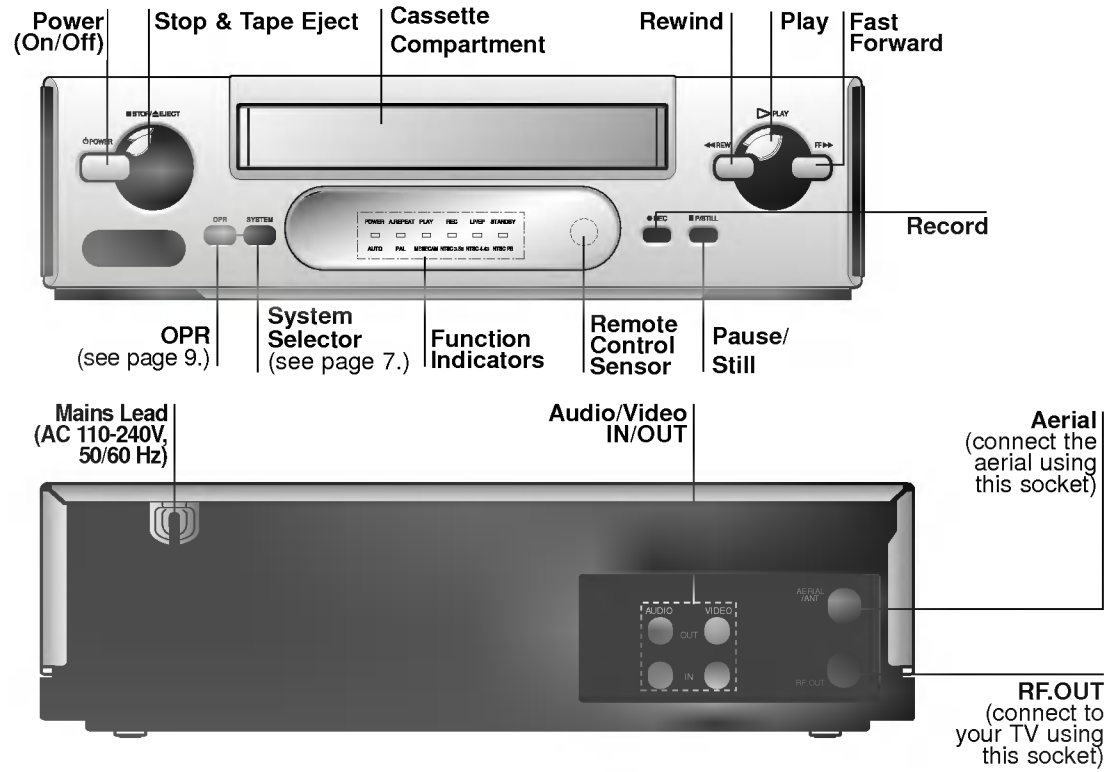
Precautions, Contents & Features	●
Controls & Sockets	●
Connecting to a TV	●
Tuning in a Video Channel	●
Remote Control Functions	●
Selecting a System	●
Playing a tape	●
Other Playback Features	●
Dubbing Tapes	●
Recording	●
Troubleshooting & Specifications	●

15

- Super Multi System
 - PAL, SECAM - B/G D/K
 - MESECAM, NTSC 3.58/4.43
 - NTSC Playback on PAL TV
- Long Playback & Recording (LP/EP)
- OPR(Optimum Picture Response) (see page 9.)
- Line Recording thru AV jack



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



Your VCP's Controls

Connecting To a TV

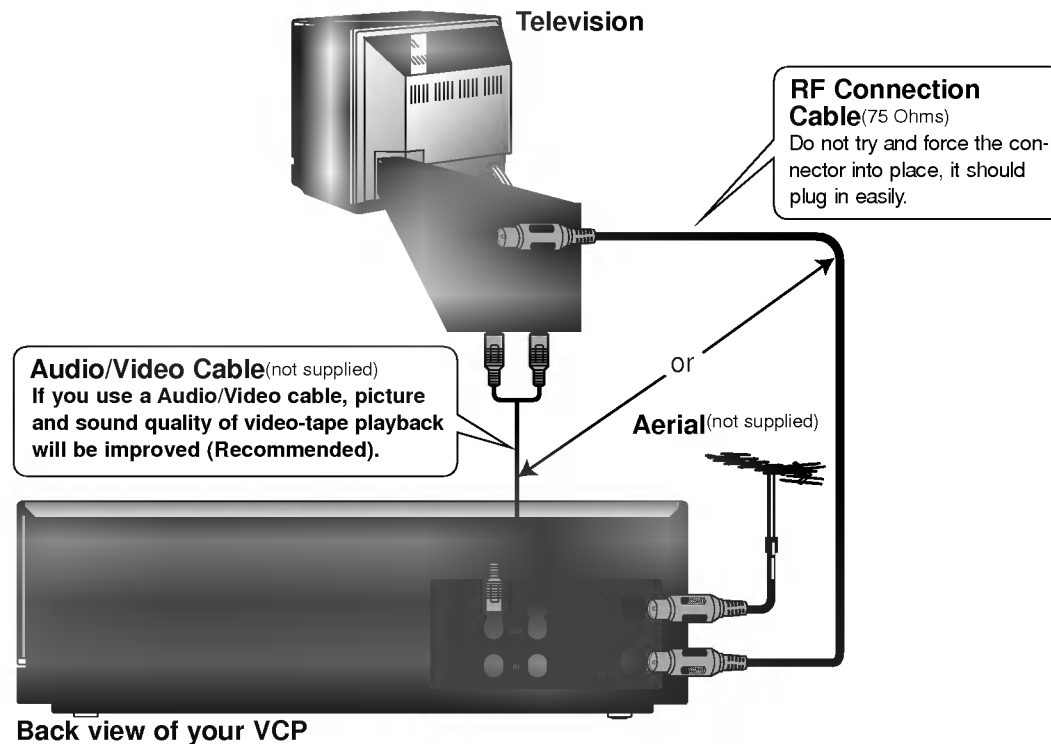
If you connect your VCP using the supplied **RF Connection Cable** (75 Ohms) you will have to tune in a video channel on your TV in order to view video tapes. Further on in the book you will be given guidance on how to tune in your TV.

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 (Recommended). 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.





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 (Recommended).



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

Press **POWER** to turn on your VCP.

Turn on your TV.



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.



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, if the picture is distorted, or if you want to change the channel for audio output (B/G or D/K), please consult your nearest service center.

Tuning in a Video channel On your TV



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



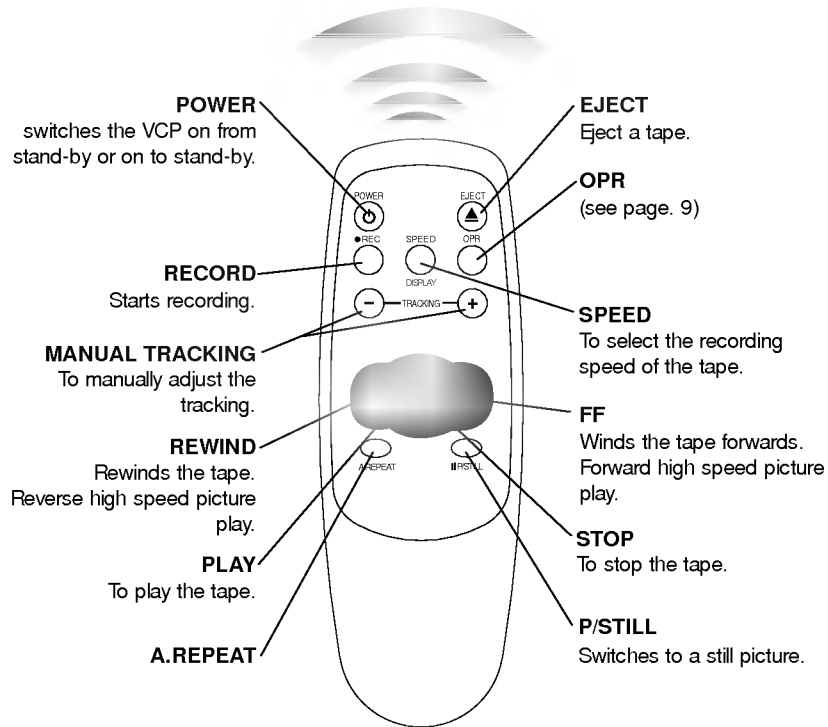
Remote Control Location & Function

 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.

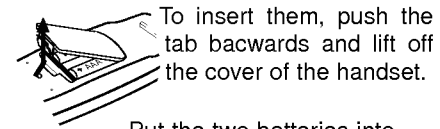


Your video player (VCP) is designed so that almost all of its features can be controlled from the **REMOTE CONTROL HANDSET**. Some features can also be controlled from the **FRONT PANEL** of the video player. The maximum operating distance that you may control your video player is about 7.5 metres (25 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.



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

Replace the cover.

Selecting a System



You can select the colour system used for playback and recording.

You can set the system by pressing **SYSTEM** on the front of your VCP. Each time you press **SYSTEM**, a relevant indicator lights up for a few seconds in the display window. 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



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

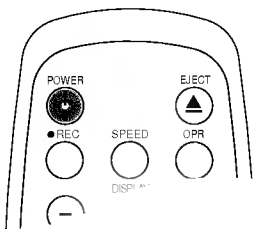
When a cassette is inserted and playback started, the automatic tracking function works to get the best possible picture automatically. If the quality of the recording is poor, repeatedly press **TRACKING** (- or +) on the remote control to manually adjust the tracking until any distortions have been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



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

Press **POWER** to turn on your VCP.

Turn on your TV.



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

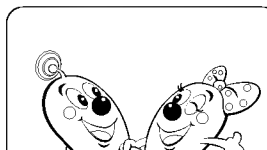
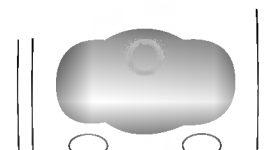
Do not attempt to force a cassette into your VCP. There may already be a video cassette in your VCP. You may have the cassette upside down or back to front!



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 **SYSTEM** repeatedly on the front of your VCP.

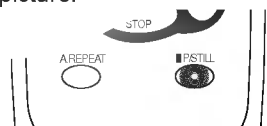


Video Head Cleaning

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. Clean the video heads with a commercially available video heads cleaning tape.

STILL

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.

A still picture will be unstable or will have noise, this is quite normal and doesn't mean that there is anything wrong with your VCP!

Press **PLAY** to continue playing your tape.



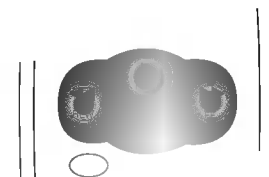
Visual search

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.

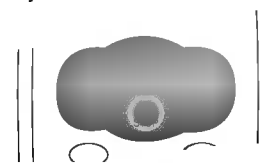
Press **PLAY** to resume normal playback speed.

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.

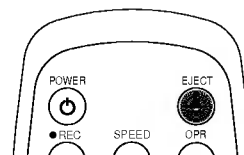


Press **STOP** to end playback.



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**.

OPR (Optimum Picture Response) :

This feature automatically improves playback picture quality by adjusting your VCP to the condition of the tape.

You can set the OPR by pressing **OPR** on the remote control or on the front of your VCP.

Press one time:

To make a picture **softer**.

Press two times:

To make it **clearer**.

Press three times:

To switch off.

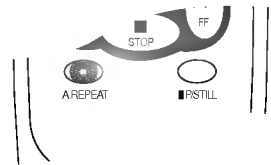
Please note you may only set OPR to on when playing a tape.

Other Playback Features

Repeat playback

If you want to play back a tape repeatedly, Press **A.REPEAT**.


A.REPEAT indicator lights up in the display window.



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, press **A.REPEAT** again.

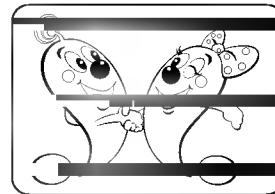
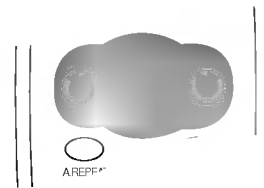
A.REPEAT indicator disappears in the display window.

 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.

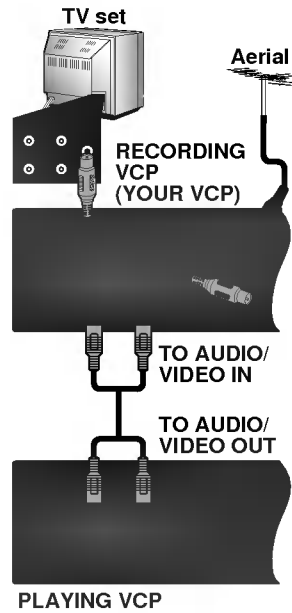
Your VCP switches forward or reverse search. Release the button to return to the fast forward or rewind.





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

Connect your VCP to another VCP as shown below.



Press **POWER** to turn on your VCP.

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

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.

Press **STOP / EJECT** to stop recording.

Dubbing Tapes



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.

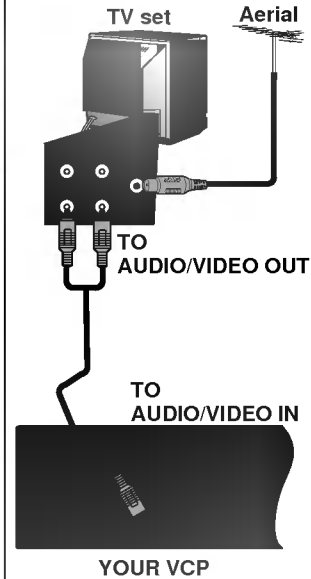
How to record



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

Connect your VCP to a TV as shown below.

Your external aerial must be plugged in your TV.



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.



Press **POWER** to turn on your VCP.

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

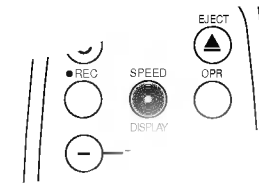
Insert a video cassette with the record protection tab into your VCP.

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!

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

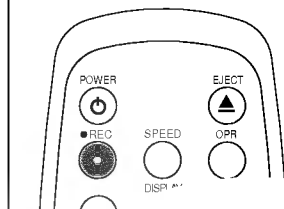
NTSC colour system : SP or EP.
PAL colour system : SP or LP.



Press **REC** to start recording.



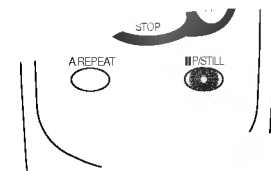
During recording of TV programme you do not change the TV channel number on your TV.



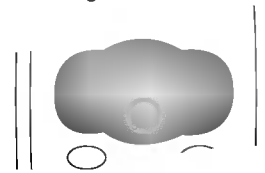
Press **P/STILL** to avoid recording unwanted scenes. REC indicator flashes in the display window.

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

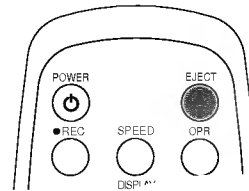
Tapes can be paused for up to 5 minutes. After 5 minutes your VCP will stop recording to prevent damaging the tape or your VCP.



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**.

Troubleshooting & Specifications

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 12 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

PowerAC 110-240V, 50/60Hz
Power consumption.....Approx. 10 Watts
Tape formatTape Width 12.7 mm (0.5 inch)
Dimensions (W x H x D)360 x 94 x 270 mm
WeightApprox. 3.4 Kg.
Operating temperature5 - 35°C
Operating humidityLess than 80%.

Video

Television systemCCIR standard (625 lines,
50 fields), PAL/SECAM colour
signal
Recording format.....PAL/MESECAM/NTSC3.58/
NTSC4.43
RF OUTPAL/SECAM (G or K)
Input level1.0 Vp-p, 75 Ohm, unbalanced
Output level1.0 Vp-p, 75 Ohm, unbalanced
RF modulatorUHF channels 36(±1)

Audio

Input level-6 dBm, more than 47 kOhms
Output level-6 dBm, less than 1.5 kOhms
Audio trackMono track
Audio frequency response ..100 Hz-10 kHz (-6/+3 dBm)

- Design and specifications are subject to change without notice.