

JVC

INSTRUCTIONS
English

VIDEO CASSETTE PLAYER

HR-P54T

Thank you for purchasing this JVC video cassette player. To ensure optimum performance of this unit, please read this instruction manual thoroughly.

1 Features

- Digital auto tracking
- HQ (High Quality)
- Auto playback function
- Repeat playback
- Shuttle search
- Still and slow motion
- Line recording
- B.E.S.T. (Biconditional Equalized Signal Tracking) picture system

2 Automatic features

Auto power on

The video cassette player is automatically turned on when the tape is inserted.

Auto rewind

The video tape is automatically rewound when the end of the tape is reached during the play, recording or shuttle search forward mode.

Auto playback

If the video cassette's safety tab has been removed, playback will begin automatically when the tape is inserted into the video cassette player.

Power off eject

Even when the video cassette player's power is off, pressing the eject button will turn the power on and eject the tape. Once ejected, the power will be turned off again automatically.

Auto head cleaning

When a tape is loaded or ejected the VCP video head is cleaned automatically.

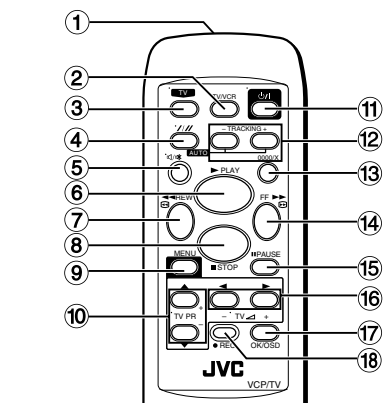


- Only cassettes marked "VHS" can be used with this video cassette player.

LPT0460-001B

5 Wireless remote control

When using the remote control for operation of the video cassette player, make sure that it is pointed at the remote sensor window. You can also use the player's remote control to operate a JVC television.



- 1 **Transmitting window**
- 2 **TV/VCR (Player) button**
To switch JVC TV's mode between TV and VIDEO.
- 3 **TV button**
To enable remote control of JVC TV.
- 4 **AUTO button**
To enable/disable auto tracking mode.
- 5 **SP/EP (///) button**
• To select the recording tape speed.
• To select JVC TV's sounds.
- 6 **TV Muting button**
To mute the JVC TV volume.
- 7 **PLAY button**
To start playback.
- 8 **REW button**
To rewind the video tape. Also to start reverse shuttle search playback.
- 9 **STOP button**
To stop playback.
- 10 **MENU button**
To access Mode Set screen.
- 11 **▲/▼ buttons**
To select the mode.
- 12 **TV PR +/- buttons**
To select the JVC TV's channel.
- 13
- 14
- 15
- 16
- 17
- 18

- 11 **STANDBY/ON button**
To turn the power on and off (standby mode)
- 12 **TRACKING +/- buttons**
To adjust tracking during playback.
- 13 **0000/X button**
To reset the tape counter.
- 14 **FF button**
To fast forward the video tape. Also to start forward shuttle search playback.
- 15 **II PAUSE button**
To freeze the picture during playback. Also to engage the recording pause mode.
- 16 **◀/▶ buttons**
To set the mode.
- 17 **TV +/- (TV Volume) buttons**
To adjust the JVC TV's volume.
- 18 **OK/OSD button**
• To fix the setting.
• To display the information on the television's display.
- 19 **REC button**
Press the **REC** and **PLAY** buttons together, to start recording.

Operating JVC TVs

Buttons with a small dot on the left side of the name can also be used to operate your JVC TV while holding down TV.

To operate your TV, while holding down TV, press the corresponding button: **STANDBY/ON**, **TV PR +/-**, **TV +/-** (TV Volume), **TV Muting**, **TV Sounds**.

Notes:

- Point the remote control toward the remote sensor window.
- The maximum operating distance of the remote control is about 8 m.
- When inserting the batteries, be sure to insert in the correct directions as indicated under the battery cover.
- If the remote control doesn't work properly, remove its batteries, wait a short time, replace the batteries and then try again.

3 Precautions

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

WARNING: DANGEROUS VOLTAGE IN-SIDE
WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

The **STANDBY/ON** 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.

When the equipment is installed in a cabinet or a shelf, make sure that it has sufficient space on all sides to allow for ventilation (10 cm or more on both side, on top and at the rear.)

When discarding batteries, environmental problems must be considered and the local rules or laws governing the disposal of these batteries must be followed strictly.

Failure to heed the following precautions may result in damage to the player, remote control or video cassette player.

1. **DO NOT place the player . . .**
 - ... in an environment prone to extreme temperatures or humidity.
 - ... in direct sunlight.
 - ... in a dusty environment.
 - ... in an environment where strong magnetic fields are generated.
 - ... on a surface that is unstable or subject to vibration.
2. **DO NOT block the player's ventilation openings or holes.**
(If the ventilation openings or holes are blocked by a newspaper or cloth, etc., the heat may not be able to get out.)
3. **DO NOT place heavy objects on the player or remote control.**
4. **DO NOT place anything which might spill on top of the player or remote control.**
If water or liquid is allowed to enter this equipment, fire or electric shock may be caused.)
5. **DO NOT expose the apparatus to dripping or splashing.**
6. **DO NOT use this equipment in a bathroom or places with water.** Also **DO NOT** place any containers filled with water or liquids (such as cosmetics or medicines, flower vases, potted plants, cups, etc.) on top of this unit.
7. **DO NOT place any naked flame sources, such as lighted candles, on the apparatus.**
8. **AVOID violent shocks to the player during transport.**

Beware of moisture condensation

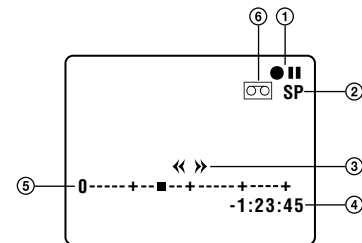
Moisture in the air will condense on the VCP when you move it from a cold place to a warm place, or under extremely humid conditions — just as water droplets form on the surface of a glass filled with cold liquid. Moisture condensation on the head drum will cause damage to the tape. In conditions where 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.

6 On screen display

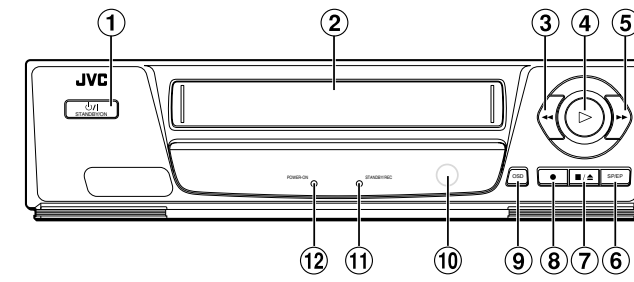
When "O.S.D" is set to "ON" (See "8 Mode set"), various operational indicators appear on the TV screen.



- 1 Operation mode indicators
- 2 Tape speed SP/EP
- 3 Tape direction
- 4 Counter display
- 5 Tape position indicator
- 6 Cassette loaded mark

4 Controls

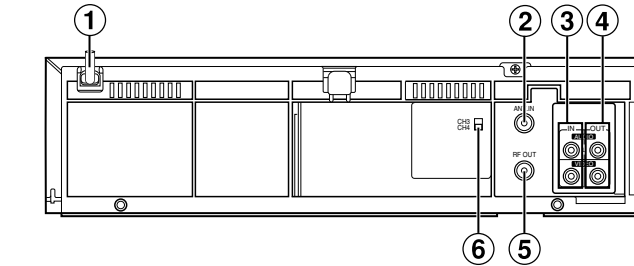
Front panel



Front panel

- 1 **STANDBY/ON button**
To turn the power on and off (standby mode).
- 2 **Cassette loading slot**
Load the video cassette here.
- 3 **Rewind button**
To rewind the video tape and to start reverse shuttle search playback mode.
- 4 **Play button**
To start playback.
- 5 **Fast forward button**
To fast forward the video tape and to start forward shuttle search playback mode.
- 6 **SP/EP button**
To select the recording tape speed.
- 7 **Stop/Eject button**
To stop playback and to eject the video tape.
- 8 **Record button**
To start recording.
- 9 **OSD button**
To display the information on the television's display.
- 10 **Remote sensor window**
For remote control operation.
- 11 **STANDBY/REC indicator**
 - Lights when the power turns off (Standby mode) or during recording mode.
 - Blinks during recording pause mode.
- 12 **POWER-ON indicator**
Lights when the power turns on.

Rear panel

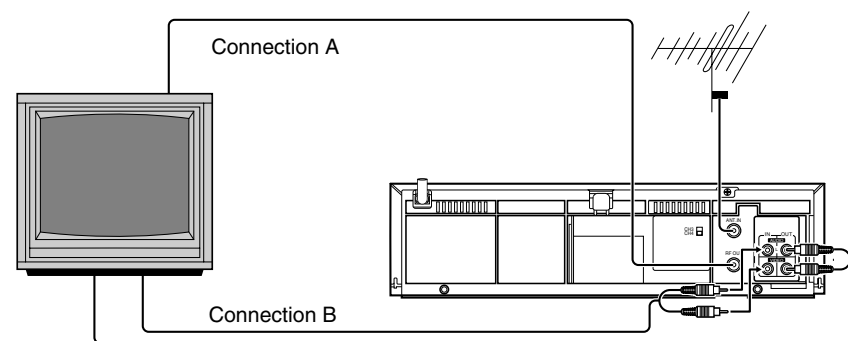


Rear panel

- 1 **AC power cord**
- 2 **ANT. IN terminal**
- 3 **AUDIO/VIDEO IN terminals**
- 4 **AUDIO/VIDEO OUT terminals**
- 5 **RF. OUT terminal**
- 6 **RF OUT channel selector (CH3-CH4)**

7 Connections

Make sure that the power to the video cassette player and TV is off before making the following connections.



Note:

If you put a TV set directly on this Video cassette player or install it too close to a TV set, noise may occur. If this noise occurs, separate the Video cassette player and the TV set.

Connection A (basic)

In order to use the video cassette player it must be connected between the antenna and the TV.

- 1 **Connect your TV antenna cable to the video cassette player's ANT. IN terminal.**
- 2 **Connect one end of the provided RF antenna cable to the video cassette player's RF. OUT terminal and the other end to the TV's antenna terminal.**
- 3 **Connect the power cord to your household AC outlet.**

Setting the video channel

When connection A is used to connect the TV and video cassette player, set the channel selector at the rear to CH3 or CH4, not employed for broadcasts, and select the same channel on the TV.

Connection B

For connection of a TV that has VIDEO/AUDIO IN/OUT terminals. This connection is necessary to record TV programmes. Use RCA type pin connection cords (available from audio/video stores) for connection. This connection is in addition to connection A.

- 1 **Follow steps 1 and 2 of "Connection A".**
- 2 **Connect the TV's VIDEO OUT and AUDIO OUT terminals to the video cassette player's VIDEO IN and AUDIO IN terminals.**
- 3 **Connect the TV's VIDEO IN and AUDIO IN terminals to the VCP's VIDEO OUT and AUDIO OUT terminals.**
- 4 **Connect the power cord to your household AC outlet.**

8 Mode set

You can change various mode setting on the Mode Set screen by following procedure described below.

Before proceeding:

- Turn on the power of the TV and video cassette player.
- Make sure that the TV is set to the video channel or that the TV's TV/VIDEO switch is set to VIDEO, otherwise the picture will be distorted.

1 Access the Mode Set screen.

Press **MENU**.

2 Select the mode.

Press **▲/▼** to move the pointer to the item you want to change.

3 Select the mode setting.

Press **◀/▶**.

4 Return to the normal screen.

Press **MENU**.



*The default setting is **bold** in the table below.

<ul style="list-style-type: none"> • O.S.D ON OFF 	<p>When the function is set to "ON", various operational indicators appear on the TV screen.</p> <p>NOTE: When you use this video cassette player as the source player for editing, be sure to set "O.S.D" to "OFF" before starting.</p>
<ul style="list-style-type: none"> • B.E.S.T. ON OFF 	<p>You can set the B.E.S.T. (Biconditional Equalized Signal Tracking) system to "ON" or "OFF".</p>

11 B.E.S.T. picture system

The B.E.S.T. (Biconditional Equalized Signal Tracking) system checks the condition of the tape in use during recording and playback, and compensates to provide the highest-possible recording and playback pictures. The default setting for both recording and playback is "ON".

Recording

The video cassette player assesses the quality of the tape once you initiate recording.

- The player spends approximately 7 seconds assessing the condition of the tape, then begins recording.

Notes:

- The B.E.S.T. system works only after a tape has been inserted and the Record mode is first initiated. It does not work during recording.
- Once the cassette is ejected, the B.E.S.T. data is cancelled. The next time the cassette is used for recording, B.E.S.T. is re-performed.

ATTENTION:

Since the B.E.S.T. system works before recording actually starts, there is a delay of approximately 7 seconds after **●** and **▶** on the remote are pressed, or **●** on the player is pressed. To make sure you record the desired scene or programme in its entirety, first perform the following steps:

- 1 Press and hold **II** and **●** to engage the Record Pause mode.
 - The player then automatically check the condition of the tape and, after approximately 7 seconds, reenters Record Pause.
- 2 Press **▶** to start recording.
 - If you want to bypass the B.E.S.T. system and begin recording immediately, set "B.E.S.T." to "OFF".

Playback

The video cassette player assesses the quality of the tape once you initiate playback. When watching a tape recorded with B.E.S.T. set to on, it is recommended that you leave B.E.S.T. on during playback as well.

- The player adjusts the playback picture quality based on the quality of the tape in use.
- B.E.S.T. is active during Auto Tracking.

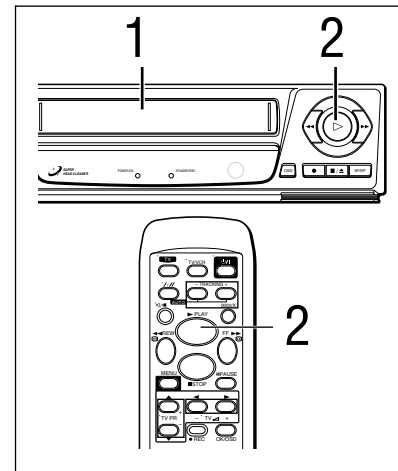
Note:

When watching a rental tape, or one recorded on another video player, set B.E.S.T. to on or off to your preference.

9 Playback

Before proceeding:

- Turn on the power of the TV and video cassette player.
- Make sure that the TV is set to the video channel or that the TV's TV/VIDEO switch is set to VIDEO, otherwise the picture will be distorted.



1 Load a pre-recorded cassette.

If the safety tab on the cassette is removed, playback will start automatically.

2 Press **▶** to start playback.

• "B.E.S.T. PICTURE SYSTEM" appears on the screen. (when B.E.S.T. is set to "ON". [F] "8 Mode set")

To fast forward or rewind the tape:

- From the stop mode, press **▶▶** or **◀◀**.
- Press **■/▲** or the remote control's **■** to stop playback. Then press **■/▲** to remove the cassette.
- To watch a TV programme, turn the video cassette player off.

Slow motion playback

Slow motion playback is 1/6 of the normal playback speed. The sound will be cut during slow motion playback.

During playback:

- 1 Press **II** for 2 seconds.

- Press **▶** to return to the normal playback speed.

Notes:

- If the noise appears during the slow mode, use TRACKING +/- to correct the picture.
- After approx. 5 minutes, the slow mode will disengage to protect the video tape.

Still picture and frame advance

Use this feature to freeze the playback picture and to advance one frame at a time. The sound will be cut during this mode.

During playback:

- 1 Press **II**.
The picture will be frozen.

2 Press **II** repeatedly to advance frames.

Each time the button is pressed the still picture will advance one frame.

- Press **▶** to resume normal playback.

Notes:

- If the picture shakes during the still mode, use TRACKING +/- to correct the picture.
- After the picture has been frozen for approx. 5 minutes, the still mode will disengage to protect the video tape.

Shuttle search playback

Use this feature during playback to visually locate any point on a recorded cassette. The sound will be cut during shuttle search operation.

During playback:

- 1 Press **▶▶** or **◀◀** to engage shuttle search forward or reverse.

- Press **▶** to resume normal playback.

Note:

For short searches, press and hold **▶▶** or **◀◀**. When released, normal playback will continue.

Tracking adjustment

Automatic tracking is adjusted each time a cassette is inserted in the video cassette player, you may wish to adjust tracking manually during playback.

Manual tracking:

- 1 Press the remote control's **AUTO**.
- 2 Press the remote control's **TRACKING +** or **-** to adjust tracking.

- Press **AUTO** to return to automatic tracking.

Counter reset

- 1 Press **OSD** to show counter display on the screen.
- 2 Press **0000** to reset the counter.

Repeat playback

Use this feature to repeat playback of a cassette 100 times.

During playback:

- 1 Press **▶** for more than 5 seconds.
The Play indicator will blink slowly and playback of the cassette will repeat 100 times automatically.

- 2 Press **■** to stop repeat playback.
Tape playback will be stopped and the repeat playback mode will be cancelled.

Note:

Pressing **▶**, **◀◀▶▶** or **II** also stops Repeat playback.

Rewind playback or power off

When the tape has finished rewinding, the Video cassette player will play back or turn itself off.

During stop:

- a- For Automatic Start Of Playback
Press **◀◀**, then press **▶** within 2 seconds.
- b- For Automatic Power Off
Press **◀◀**, then press **⏻** within 2 seconds.

ATTENTION:

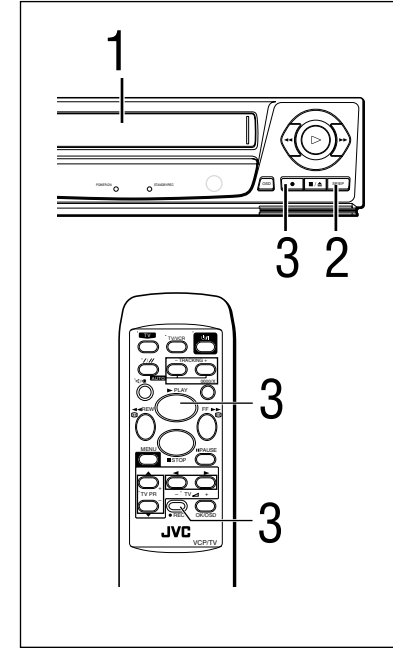
In the search, still, slow-motion or frame advance mode,
 • the picture will be distorted.
 • the noise bars will appear.
 • there will be loss of colour.
 • the picture may not appear.
 However, this is not malfunction.

10 Recording

Use the following procedure to record TV programmes on a blank video tape.

Before proceeding:

- To record TV programmes, the video cassette player must be connected to the TV as shown in connection B of the "Connections" section.
- Turn on the power of the TV and video cassette player.
- Make sure that the video cassette's safety tab is intact. If it has been removed, cover the hole with adhesive tape.



1 Load a blank video tape.

2 Press **SP/EP(///)** to set the recording speed.

3 Press **●** to start recording. (On the remote control unit press **●** and **▶** at the same time.)

The recording indicator will light during recording.

B.E.S.T. takes place at the beginning of each first SP and first EP recording after inserting the cassette.

- Press **■/▲** or the remote control's **■** to stop recording.

To stop recording temporarily:

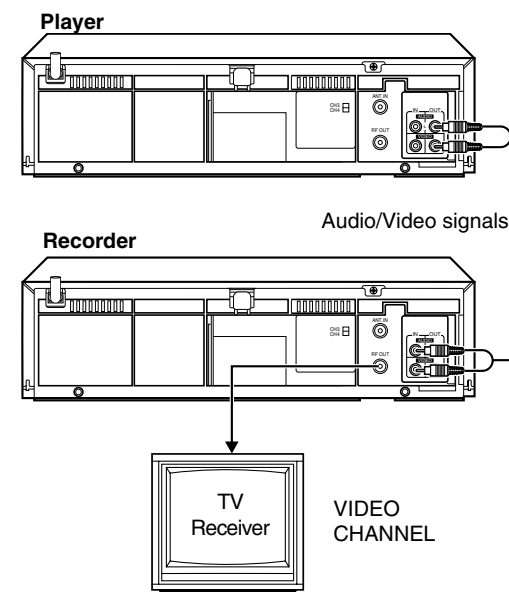
- Press **II**.
The recording indicator will blink. Press **▶** to resume recording.

Notes:

- To engage recording standby, press **●** and then press **II**. The **STANDBY/REC** indicator will blink during recording standby. Press **▶** again to start recording.
- If **●** does not work, check to see if the cassette safety tab has been removed.
- The player automatically stops when record-standby continues for more than 5 minutes.
- The video tape will be rewound automatically when the end of the tape is reached.

12 Editing

Editing To/From Another Recorder



1 Connect the player's **AUDIO** and **VIDEO OUT** connectors to the recorder's **AUDIO** and **VIDEO IN** connectors.

2 Put the player in the Play mode.

3 Put the recorder in the Record mode.

13 Troubleshooting

Problem	Check point
No power	Is the power cord plugged in? Is the power turned on?
Tape cannot be ejected	Was the video cassette player's ■/▲ button pressed?
No picture	Is the TV set to the video channel (or VIDEO)? Is a cassette loaded? Are the connections correct?
Shuttle search does not function	Is the video cassette player in the playback mode?
Disturbances in playback picture	Is tracking adjusted properly? Is the TV adjusted properly? Install this VCP a little way apart from the TV set.
Remote control does not function	The batteries are weak. Replace the batteries.
Auto playback does not function	The video cassette's recording safety tab has not been removed.
Recording does not function	Are the connections correct? Was the Record button pressed? The video cassette's recording safety tab is removed.
The video cassette player does not function properly	Microcomputer malfunction. Disconnect the power plug from the AC outlet and then re-insert it. The microcomputer will be reset to its initial mode.

About Head cleaning

- If the picture playback becomes blurred, it does not mean that the recorded program has been erased.
- Dirt accumulated on the video heads after long periods of use causes such troubles. In this case, head cleaning requiring highly technical care is necessary.
- For head cleaning, consult the nearest JVC dealer.

14 Specifications

Format	VHS Standard
Video recording system	Rotary, slant azimuth helical scan system
Rotary heads	2 video heads
RF output	channel 3 or 4
Recording (line input)	NTSC 3.58
Playback (line output)	NTSC 3.58
Video	
Line input level	0.5 - 2.0 Vp-p/75 ohms, unbalanced
Line output level	1.0 Vp-p/75 ohms, unbalanced
S/N ratio	More than 43 dB
Horizontal resolution	More than 220 lines
Audio	
Line input level	-8 dBs/50 k ohms, unbalanced
Line output level	-8 dBs/1 k ohm, unbalanced
Frequency response	70 Hz to 10,000 Hz
Power requirements	
Rating	AC 110 V - 240 V, 50 Hz/60 Hz
Operating	AC 90 V - 260 V, 50 Hz/60 Hz
Power consumption	13 W
Operation temperature	5°C to 40°C
Dimensions	360 mm (W) × 94 mm (H) × 280 mm (D)
Weight	3.2 kg

Standard accessories

Remote control unit	1
Batteries for remote control	2
RF antenna cable	1

- Design and specifications subject to change without notice.