

# *Video Cassette Player*

---

Operating Instructions

**VHS**

*SLV-XA127PL*

*SLV-XF247PL* Hi-Fi

## WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

The mains lead must only be changed at a qualified service shop.

## Caution

Television programmes, films, video tapes, and other materials may be copyrighted. Unauthorized recording of such material may be contrary to the provisions of the copyright laws. Also, use of this recorder with cable television transmission may require authorization from the cable television transmitter and/or programme owner.

## Precautions

### Safety

- This unit operates on 110 – 240 V AC, 50/60 Hz. Check that the unit's operating voltage is identical with your local power supply.
- If anything falls into the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further.
- The unit is not disconnected from the mains as long as it is connected to the mains, even if the unit itself has been turned off.
- Unplug the unit from the mains if you do not intend to use it for an extended period of time. To disconnect the cord, pull it out by the plug, never by the cord.

### Installing

- Allow adequate air circulation to prevent internal heat buildup.
- Do not place the unit on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that may block the ventilation slots.
- Do not install the unit near heat sources such as radiators or air ducts, or in a place subject to direct sunlight, excessive dust, mechanical vibration or shock.
- Do not install the unit in an inclined position. It is designed to be operated in a horizontal position only.
- Keep the unit and cassettes away from equipment with strong magnets, such as microwave ovens or large loudspeakers.
- Do not place heavy objects on the unit.
- If the unit is brought directly from a cold to a warm location, moisture may condense inside the unit and cause damage to the video head and tape. When you first install the unit, or when you move it from a cold to a warm location, wait for about one hour before operating the unit.

---

# Table of contents

---

## Getting Started

- 4 Step 1: Unpacking
- 5 Step 2: Setting up the remote commander
- 6 Step 3: Hookups

---

## Basic Operations

- 11 Playing a tape

## Additional Operations

- 15 Playing/searching at various speeds
- 17 Adjusting the picture
- 18 Editing with another VCR (SLV-XF247PL only)

## Additional Information

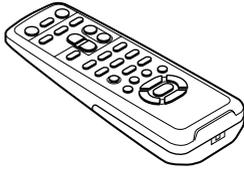
- 20 General setup information
  - 21 Troubleshooting
  - 23 Specifications
  - 24 Index to parts and controls
- back cover
- Index

# Step 1

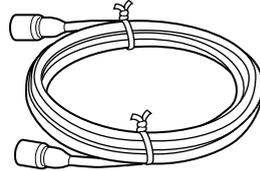
## Unpacking

Check that you have received the following items with the unit:

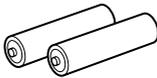
- Remote commander



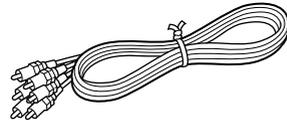
- 75-ohm coaxial cable with F-type connectors



- R6 (Size AA) batteries



- Audio/video cable (3-phono to 3-phono) (SLV-XF247PL only)



## Checking your model name

The instructions in this manual are for the 2 models: SLV-XA127PL, and XF247PL. Check your model number by looking at the rear panel of your unit. The SLV-XF247PL is the model used for illustration purposes. Any difference in operation is clearly indicated in the text, for example, “SLV-XA127PL only.”

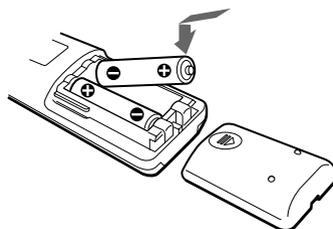
## Step 2

# Setting up the remote commander

### Inserting the batteries

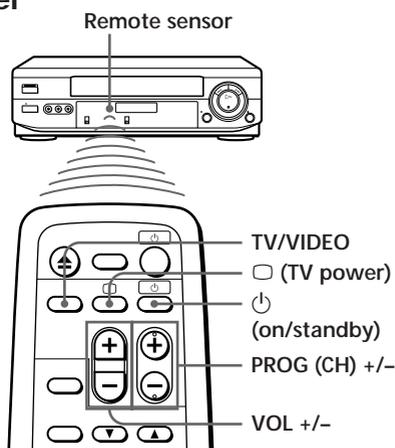
Insert two R6 (size AA) batteries by matching the + and - on the batteries to the diagram inside the battery compartment.

Insert the negative (-) end first, then push in and down until the positive (+) end clicks into position.



### Using the remote commander

You can use this remote commander to operate the unit and a Sony TV. To operate this unit, point at the remote sensor on the unit. To operate the TV, point at the remote sensor on the TV.



| To   | Press         |
|--|---------------|
| Turn the TV to standby or active mode                                  | (on/standby)  |
| Turn on the TV power   | (TV power)    |
| Increase (+) or decrease (-) the TV volume                             | VOL +/-       |
| Change the TV programme position                                       | PROG (CH) +/- |
| Select an input source of the TV either from aerial in or from line in | TV/VIDEO      |

### Notes

- With normal use, the batteries should last about three to six months.
- If you do not use the remote commander for an extended period of time, remove the batteries to avoid possible damage from battery leakage.
- Do not use a new battery with an old one.
- Do not mix different types of batteries.

## Step 3

# Hookups

### Selecting the hookup

There are basically two ways to hookup this unit depending on whether your TV has audio/video inputs or not.

#### If your TV has audio/video inputs

See “Audio/video (A/V) hookup” on pages 7 and 8.

#### If your TV doesn't have audio/video inputs

See “Antenna hookup” on pages 9 and 10.

#### Before you get started

- Turn off the power to all equipment.
- Do not connect the AC power cords until all of the connections are completed.
- Be sure you make connections firmly. Loose connections may cause picture distortion.
- If your TV doesn't match any of the examples provided, see your nearest Sony dealer or qualified technician.

## Audio/video (A/V) hookup

If your TV has audio/video (A/V) input jacks, you will get a better picture and sound if you hook up your unit using these connections.

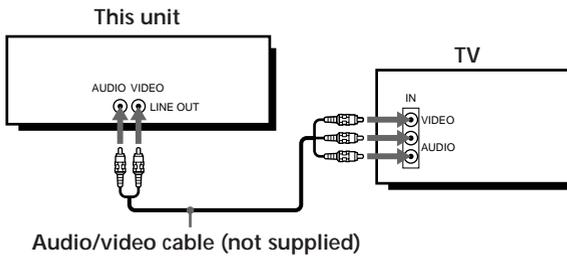
For SLV-XF247PL, you should also connect the audio outputs of your unit or TV to your stereo system for a true “home theater” experience.

You’re finished setting up the unit after you’ve made the connections.

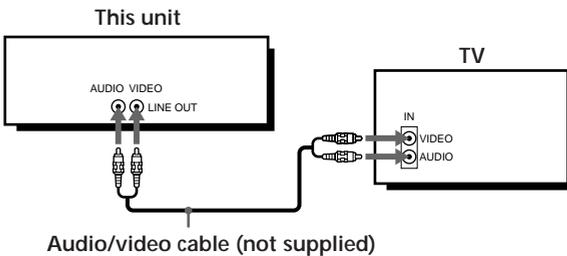
If your TV doesn’t have A/V inputs, see page 9 for antenna hookup.

(For SLV-XA127PL)

**A** Use this hookup if your TV has stereo jacks



**B** Use this hookup if your TV doesn't have stereo jacks

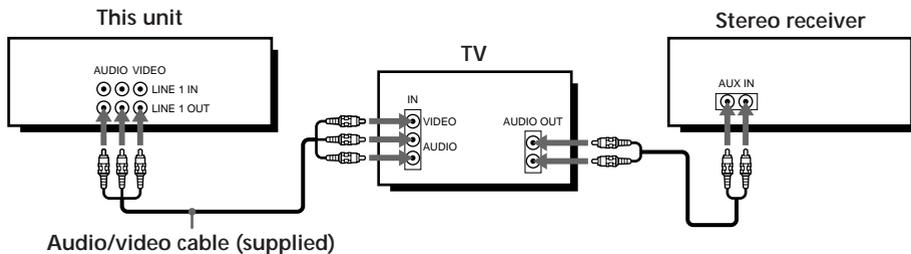


continued

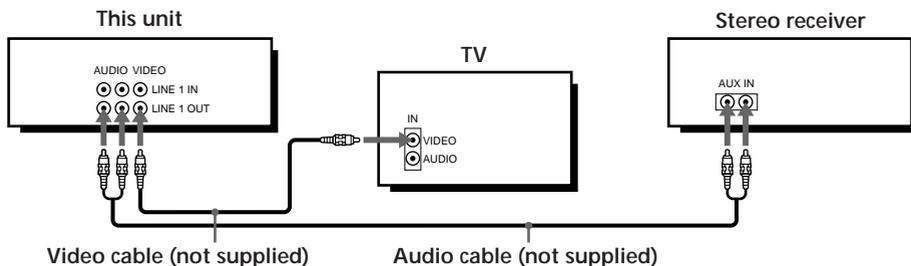
### Step 3: Hookups (continued)

(For SLV-XF247PL)

**A** Use this hookup if your TV has stereo jacks



**B** Use this hookup if your TV doesn't have stereo jacks



Note (SLV-XF247PL only)

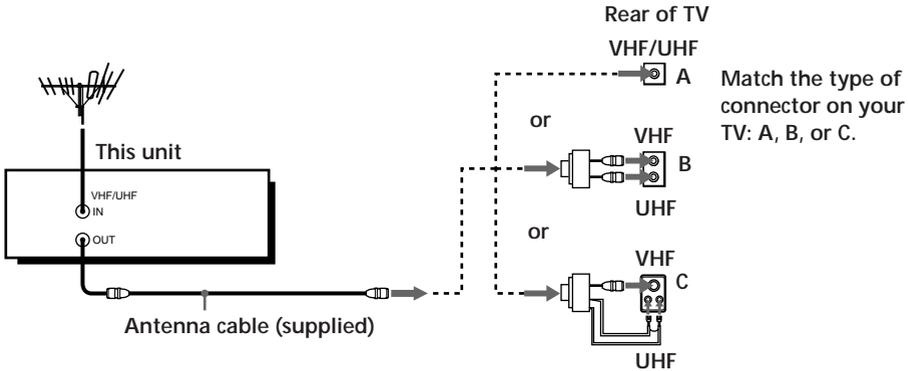
- To play a tape in stereo, you must use the A/V connection.

## Antenna hookup

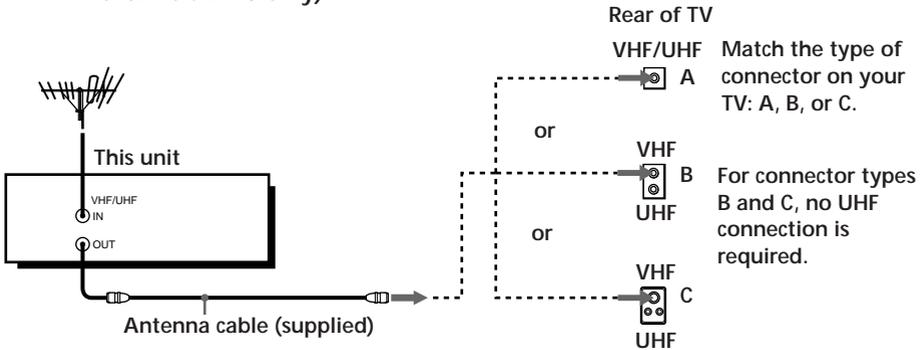
Make the following connections if your TV doesn't have A/V inputs.

### A Use this hookup if you're using:

- VHF/UHF antenna (you get channels 2–13 and channels 14 and higher)
- UHF-only antenna (you get channels 14 and higher)
- Separate VHF and UHF antennas



### B Use this hookup if you're using a VHF-only antenna (you get channels 2–13 only)



### If you cannot connect your antenna cable to the unit directly

If your antenna cable is a flat cable (300-ohm twin lead cable), attach an external antenna connector (not supplied) so you can connect the cable to the VHF/UHF IN connector. If you have separate cables for VHF and UHF antennas, you should use a U/V band mixer (not supplied). For details, see page 20.

continued

## Step 3: Hookups (continued)

### Antenna hookup: Video cassette player setup

When connecting the unit to the TV using only the antenna cable, you must set the RF UNIT switch on the rear of the unit so that the TV can receive the correct signal from the unit.

- 1 Set the RF UNIT switch to CH 3 or CH 4, whichever channel is not used in your area. If both are used, set the switch to either channel.

- 2 Insert a recorded tape into the tape compartment.

(SLV-XA127PL)

The unit turns on and starts playing automatically.

(SLV-XF247PL)

The unit turns on and starts playing automatically if you insert a tape with its safety tab removed.

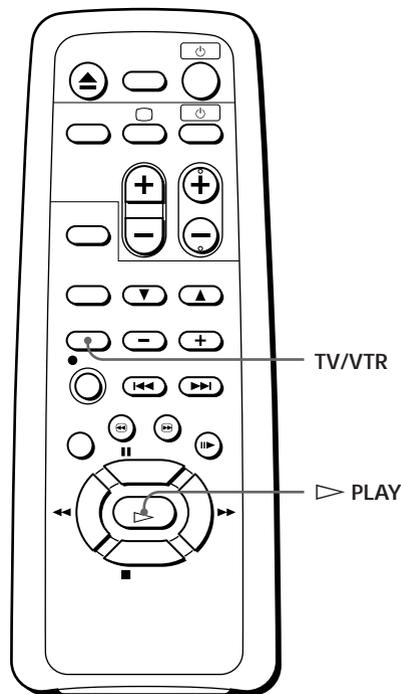
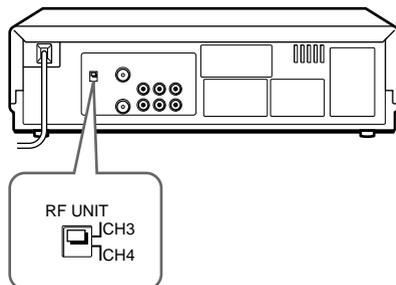
- 3 Press TV/VTR to turn on the TV/VTR indicator in the display window.

- 4 Press ▷ PLAY (if playback didn't start in step 2).

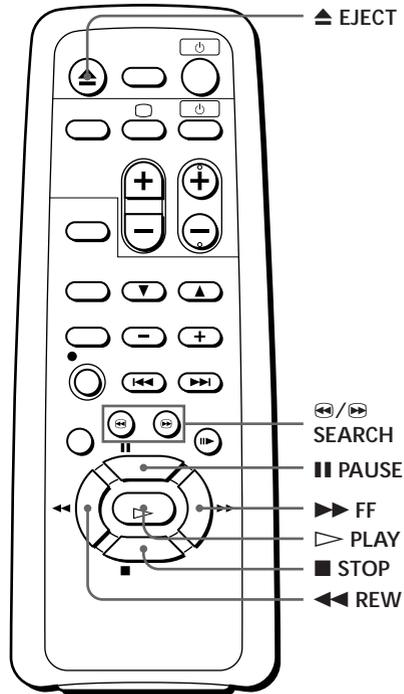
- 5 Turn on your TV and set it to the channel you selected in step 1 (channel 3 or 4).

The video playback picture will be clearly displayed on the TV screen.

Whenever you use the unit, set the TV to the channel selected in step 1.

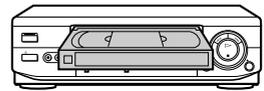


# Playing a tape



**1** Turn on your TV and set it to the video channel.

**2** Insert a tape.  
The unit turns on, and starts playing automatically if you insert a tape with its safety tab removed.



**3** Press  PLAY.  
When the tape reaches the end, it will rewind automatically.

continued

---

## Playing a tape (continued)

### Additional tasks

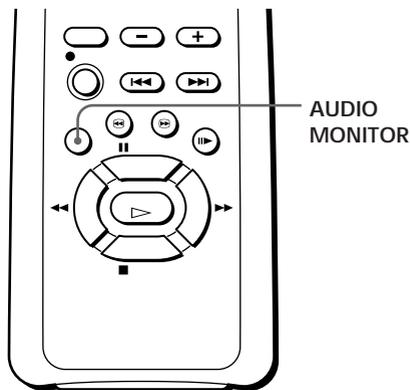
| To                      | Press                              |
|-------------------------|------------------------------------|
| Stop play               | ■ STOP                             |
| Pause play              | PAUSE                              |
| Resume play after pause | PAUSE or ▷ PLAY                    |
| Search forward          | ▶▶ FF or 🔍 SEARCH during playback  |
| Search backward         | ◀◀ REW or 🔍 SEARCH during playback |
| Fast-forward the tape   | ▶▶ FF during stop                  |
| Rewind the tape         | ◀◀ REW during stop                 |
| Eject the tape          | ⏏ EJECT                            |

### Notes

- You can eject a tape even when the power is off. When you press ⏏ EJECT, the unit turns on automatically. After ejecting the tape, the unit turns off again.
- When the pause mode lasts for more than approximately five minutes, the unit will automatically enter the playback mode.
- You can play back tapes recorded in the SP and EP mode.

## Selecting the sound during playback (SLV-XF247PL only)

Press AUDIO MONITOR to select the sound you want. Each press of the button changes the indicator in the display window. When you play a tape recorded in stereo or with a bilingual sound track, the Hi-Fi Stereo indicator in the display window lights up.



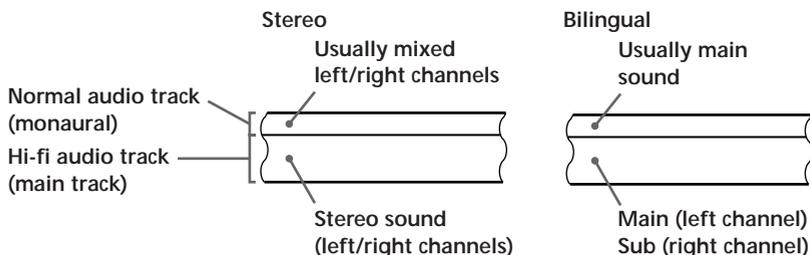
| To listen to a               |                              | Press AUDIO MONITOR until the display window indicator shows |
|------------------------------|------------------------------|--|
| Stereo tape's                | Bilingual tape's             |  |
| Stereo sound                 | Main and sub sounds          | L/R  |
| Left channel                 | Main sound                   | L  |
| Right channel                | Sub sound                    | R  |
| Standard sound* <sup>1</sup> | Standard sound* <sup>2</sup> | No indication  |

\*<sup>1</sup> Usually the mixed sound of left and right channels (monaural)

\*<sup>2</sup> Usually the main sound (monaural)

### How sound is recorded on a video tape

The unit records sound onto two separate tracks. Hi-fi audio is recorded onto the main track along with the picture. Monaural sound is recorded onto the normal audio track along the edge of the tape.



#### Notes

- To listen to playback sounds in stereo, you must use the AUDIO OUT connections.
- When you play back a tape recorded in monaural, the sound is heard in monaural regardless of the AUDIO MONITOR setting.
- You cannot select the sound to listen to while recording.

continued

## **Turning on the unit and TV, and starting playback automatically (Trinitron TV Synchro Play)**

You can only use this function if your TV is made by Sony (Trinitron TV).

### **How to connect to use this function**

Connect the unit and TV with the audio/video cable (see “Audio/video (A/V) hookup” on page 7). Be sure to connect the audio/video cable to the VIDEO IN 1 jacks on the TV if the TV has two inputs or more. The TV must be placed where it will respond to the remote commander while you are pointing it at the unit.

### **Operation**

Make sure that the TV's power is in standby mode.

Press TRINITRON TV SYNCHRO PLAY and hold the remote commander in place for about two seconds.

The unit and TV turn on, and the TV is set to the video channel. If there is a tape in the unit, playback starts automatically.

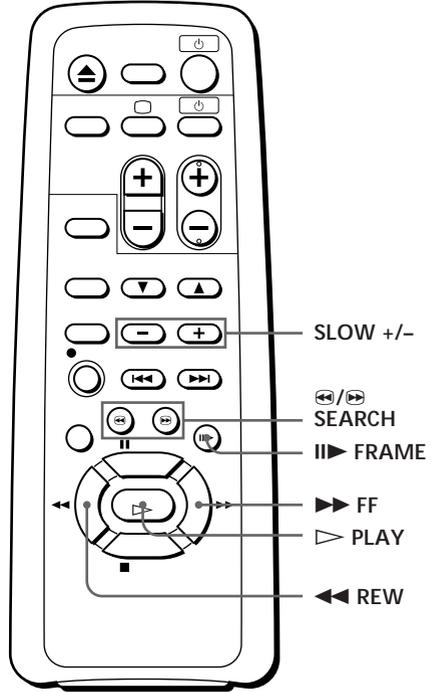
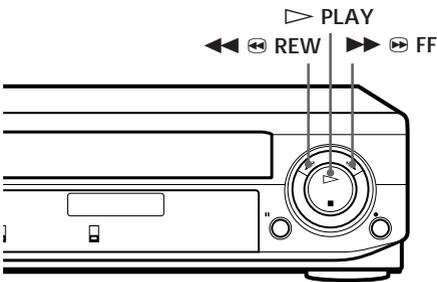
### **Notes**

- If the Trinitron TV Synchro Play function does not work properly:
  - Wait a few moments, and press the button again.
  - Replace both of the batteries in the remote commander with new ones, and press the button again.

Note that this function may not operate some Sony TVs because of the remote commander's signal limitations.

- Do not press TRINITRON TV SYNCHRO PLAY while playing back a video tape. If you do so, the TV's input source will momentarily switch to the TV's tuner.

# Playing/searching at various speeds



| Playback options                               | Operation  |
|--|--|
| Fast-forward/rewind                            | During stop, press ►► FF or ◄◄ REW.  |
| View the picture during fast-forward or rewind | During fast-forward, hold ►► FF down. During rewind, hold ◄◄ REW down.   |
| Play at high speed                             | During playback or pause, press ◄◄ SEARCH or ►► SEARCH.  |
| Play in slow motion                            | During playback or pause, press SLOW+/- . Press the +/- buttons to change the speed.                               |
| Play frame by frame                            | During pause, press ◄◄ FRAME to advance the picture one frame. Hold the button down to play one frame each second. |
| Rewind and start play                          | During stop, hold ◄◄ ◄◄ REW <u>on the unit</u> down and press ▷ PLAY <u>on the unit</u> .                          |

continued

---

## *Playing/searching at various speeds (continued)*

To resume normal playback

Press ▷ PLAY.

### Tip

- If the picture shakes while in the still mode, adjust the picture using ▼/▲ TRACKING NORMAL/SLOW STILL ADJUST.

### Notes

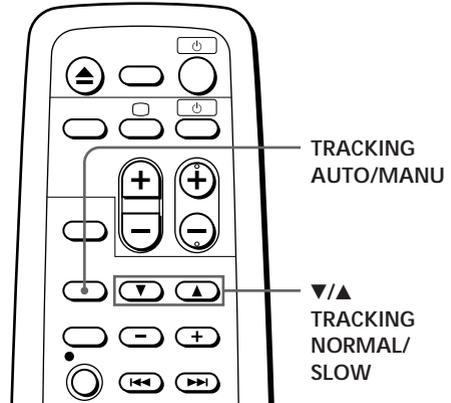
- Streaks or snow cannot be eliminated completely in the various playback operations, especially in the slow motion mode.
- The sound is muted during these operations.
- If you press II▶ FRAME during playback, playback continues at the normal speed but the sound is muted. Press ▷ PLAY to resume normal playback.

# Adjusting the picture

## Adjusting the tracking

Although the unit automatically adjusts the tracking when playing a tape, distortion may occur if the tape was recorded in poor condition. If so, manually adjust the tracking.

Press ▼/▲ TRACKING NORMAL/SLOW to obtain the best possible picture. The distortion should disappear as you press one of the two buttons. If you cannot get a clear picture with manual adjustment, press TRACKING AUTO/MANU to return to automatic adjustment.



## About OPC

OPC (Optimum Picture Control) automatically improves playback quality by adjusting the unit to the condition of the video heads and tape.

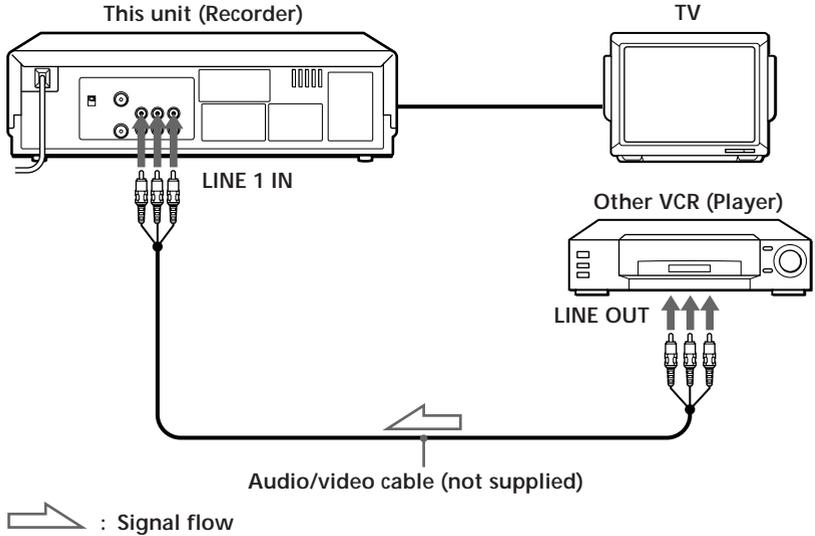
The OPC function automatically works on all types of tapes, including rental tapes and the tapes that were not recorded with OPC.

### Notes

- The auto tracking function works automatically when you play back a tape just after inserting it.
- Sufficient picture quality may not be obtained when playing back tapes recorded on another VCR or tapes in poor condition.
- When a tape recorded with the copyguard system is played back, intermittent distortion may appear in the upper portion of the picture. However, this is not a malfunction of the unit.

# Editing with another VCR (SLV-XF247PL only)

## How to connect to record on this unit



### Tips

- If the other VCR is a monaural type, use a commercially available 3-phono to 2-phono type audio/video cable.
- You can also use the LINE 2 IN jacks on the front of the unit.

### Notes

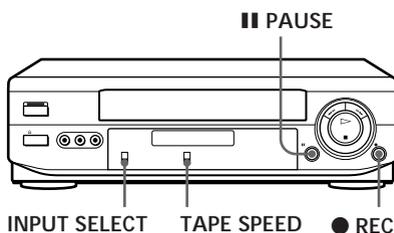
- Make sure you connect the plugs to the jacks of the same colour.
- When connecting the units, do not simultaneously connect the LINE IN and LINE OUT jacks on your unit with the other VCR. A humming noise may occur if you do this.

## Operation (when recording on this unit)

You can make a copy of a tape using this unit for recording or playback. The unit cannot record TV programmes directly since it does not have a TV tuner.

### Before you start editing

- Turn on your TV and set it to the video channel.



- 1 Set INPUT SELECT to LINE 1 (or LINE 2).
- 2 Set TAPE SPEED to select the tape speed, SP, or EP. EP (Extra Play) provides a recording time three times as long as SP (Standard Play). However, SP produces better picture quality.
- 3 Insert a source tape with its safety tab removed into the other (playback) VCR. Search for the point to start playback and set it to playback pause.
- 4 Insert a tape with its safety tab in place into this (recording) unit. Search for the point to start recording and press **|| PAUSE**.
- 5 Press **● REC** on this unit to set it to recording pause. The REC indicator lights up in the display window.
- 6 To start editing, press the **|| PAUSE** buttons on both units at the same time.

### To stop editing

Press the **■ STOP** buttons on both units.

### To save a recording

To prevent accidental erasure, break off the safety tab as illustrated. To record on a tape again, cover the tab hole with adhesive tape.



### Tips

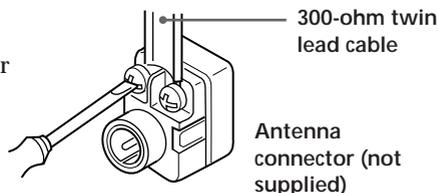
- To edit more precisely, press the **|| PAUSE** buttons on the units to release pause.
- To cut out unwanted scenes while editing, press **|| PAUSE** on this unit when an unwanted scene begins. When that scene ends, press **|| PAUSE** again to resume recording.

# General setup information

## Attaching an external antenna connector

### 300-ohm to 75-ohm matching transformer

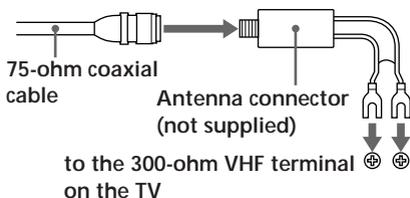
When using a 300-ohm twin lead cable for a VHF/UHF antenna, use an antenna connector (not supplied) to connect the antenna to the unit.



- 1 Loosen the screws on the antenna connector.
- 2 Wind the twin leads around the screws on the antenna connector.
- 3 Retighten the screw.

### 75-ohm to 300-ohm matching transformer

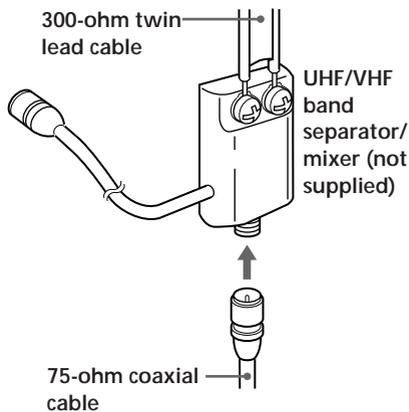
When using a TV with the 300-ohm VHF terminal, use this type antenna connector (not supplied) to connect the 75-ohm coaxial cable to the TV.



- 1 Connect the 75-ohm coaxial cable to the antenna connector.
- 2 Attach the 300-ohm Y type terminal to the TV.

## Attaching a UHF/VHF band mixer

When using both a 75-ohm coaxial cable and a 300-ohm twin lead cable for a VHF/UHF antenna, use a UHF/VHF band separator/mixer (not supplied) to connect the antenna to the unit.



- 1 Loosen the screws on the mixer.
- 2 Wind the twin leads around the screws on the mixer.
- 3 Retighten the screws.
- 4 Connect the 75-ohm coaxial cable to the mixer.

# Troubleshooting

If you have any questions or problems not covered below, please consult your nearest Sony service facility.

|           | Symptom  | Remedy  |
|-----------|--|---|
| Power     | The POWER switch does not function.                      | <ul style="list-style-type: none"> <li>• Connect the mains lead securely.</li> </ul>  |
|           | The power is turned on but the unit does not operate.    | <ul style="list-style-type: none"> <li>• Moisture condensation occurs. Turn the power off, unplug the AC power cord and leave the unit to dry for over an hour.</li> </ul>  |
|           | The unit enters standby mode or turns off automatically. | <ul style="list-style-type: none"> <li>• The auto safety system is triggered to protect your tape and the unit's mechanism when there is something wrong with the tape or when the mechanism is overloaded. Press POWER to restart the unit. If the unit does not work after pressing POWER again, disconnect the mains lead from the mains. Wait for at least 15 seconds. Then reconnect mains, and press POWER again. If the unit still does not work, please consult your nearest Sony service facility.</li> </ul>  |
| Playback  | The playback picture does not appear on the TV screen.   | <ul style="list-style-type: none"> <li>• Make sure the TV is set to the video channel. If you are using a monitor, set it to video input.</li> </ul>  |
|           | The picture is not clear.                                | <ul style="list-style-type: none"> <li>• Adjust the tracking with the ▼/▲ TRACKING NORMAL/SLOW buttons.</li> <li>• The video heads are dirty (see the next page). Clean the video heads using a video head cleaning cassette. If a cleaning cassette is not available in your area, have the heads cleaned at your nearest Sony service facility (a standard service charge will be required). Do not use a commercially available liquid-type cleaning cassette other than Sony's, as it may damage the video heads.</li> <li>• The video heads may have to be replaced. Consult your local Sony service facility for more information.</li> </ul> |
|           | The picture rolls vertically during picture search.      | <ul style="list-style-type: none"> <li>• Adjust the vertical hold control on the TV or monitor.</li> </ul>  |
|           | The picture has no sound.                                | <ul style="list-style-type: none"> <li>• The tape is defective. Use a new tape.</li> </ul>  |
|           | The tape starts playing as soon as it is inserted.       | <ul style="list-style-type: none"> <li>• The safety tab has been removed. To record on this tape, cover the tab hole.</li> </ul>  |
| Recording | The tape is ejected when you press ● REC.                | <ul style="list-style-type: none"> <li>• Check that the safety tab has not been removed.</li> </ul>   |
|           | Nothing happens when you press ● REC.                    | <ul style="list-style-type: none"> <li>• Make sure the tape is not at its end.</li> <li>• Select the correct source with the INPUT SELECT switch, LINE 1 or LINE 2.</li> </ul>  |

continued

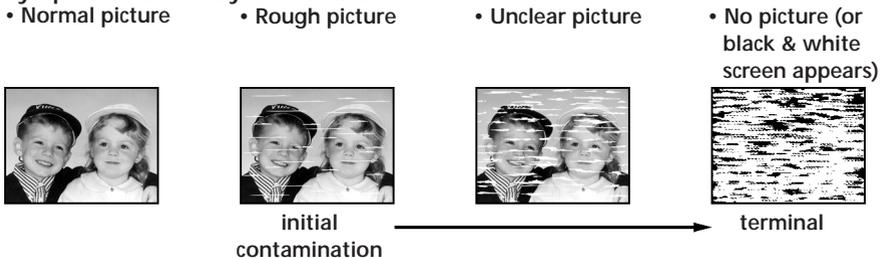
## Troubleshooting (continued)

|        | Symptom                                 | Remedy   |
|--------|---|--|
| Others | No tape can be inserted.                | <ul style="list-style-type: none"> <li>• Check that a tape isn't already in the tape compartment.</li> </ul>   |
|        | The remote commander does not function. | <ul style="list-style-type: none"> <li>• Make sure you are pointing the remote commander at the remote sensor on the unit.</li> <li>• Replace all the batteries in the remote commander with new ones if they are weak.</li> </ul>               |
|        | The unit needs to be cleaned.           | <ul style="list-style-type: none"> <li>• Clean the cabinet, panel, and controls with a dry soft cloth, or a soft cloth slightly moistened with a mild detergent solution. Do not use any type of solvent, such as alcohol or benzine.</li> </ul> |

## Auto head cleaner

The unit incorporates an auto head cleaner which cleans the video heads when a tape is loaded or unloaded. When the heads are not sufficiently clean, even after a tape has been loaded/unloaded several times, use a video head cleaning cassette.

### Symptoms caused by contaminated video heads



## Sapphire tape cleaner

The unit incorporates a sapphire tape cleaner which cleans a video tape when it is loaded. This cleaner can prevent the video heads from contamination by removing dust or mold from a tape with the sapphire edge.

# Specifications

## System

### Format

VHS NTSC standard

### Video recording system (SLV-XF247PL only)

Rotary head helical scanning FM system

### Video heads

Double azimuth two heads

### Video signal

NTSC color, EIA standards

### Tape speed

SP: 33.35 mm/s

EP: 11.11mm/s

### Maximum recording (SLV-XF247PL only)/playback time

9 hrs. in EP mode (with T-180 tape)

### Fast-forward and rewind time

Approx. 4 min. 30 sec. (with T-120 tape)

## Tuner section

### RF output channel

VHF channel 3 or 4

### Antenna

75-ohm antenna terminal for VHF/UHF

## Inputs and outputs

### LINE 1 IN/LINE 2 IN (SLV-XF247PL)

VIDEO IN, phono jack (1)

Input signal: 1 V<sub>p-p</sub>, 75 ohms,

unbalanced, sync negative

AUDIO IN, phono jacks (2)

Input level: 327 mV<sub>rms</sub>

Input impedance: more than 47 kilohms

### LINE OUT (SLV-XA127PL)

### LINE 1 OUT (SLV-XF247PL)

VIDEO OUT, phono jack (1)

Output signal: 1 V<sub>p-p</sub>, 75 ohms,

unbalanced, sync negative

AUDIO OUT,

phono jack (1) (SLV-XA127PL)

phono jacks (2) (SLV-XF247PL)

Standard output: 327 mV<sub>rms</sub>

Load impedance: 47 kilohms

Output impedance: less than 10 kilohms

## General

### Power requirements

110 – 240 V AC, 50/60 Hz

### Power consumption

10 W

### Operating temperature

5°C to 40°C

### Storage temperature

-20°C to 60°C

### Dimensions

Approx. 355 × 100 × 280 mm (w/h/d)

including projecting parts and controls

### Mass

Approx. 3.8 kg

## Supplied accessories

Remote commander (1)

R6 (Size AA) batteries (2)

75-ohm coaxial cable with F-type connectors (1)

Audio/video cable (3-phono to 3-phono)

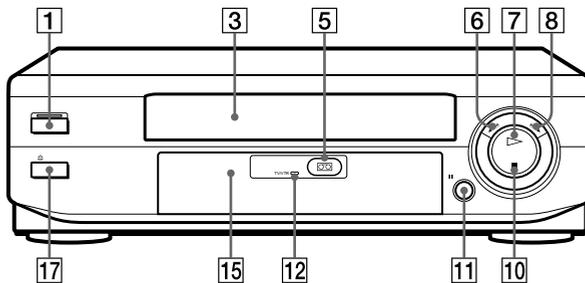
(SLV-XF247PL only) (1)

Design and specifications are subject to change without notice.

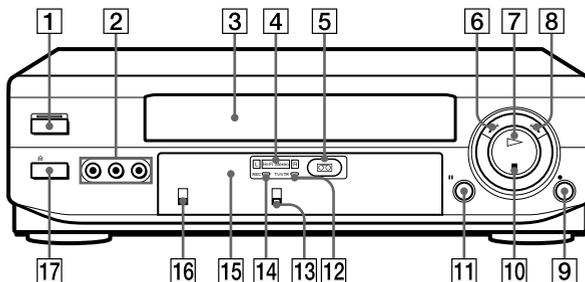
# Index to parts and controls

Refer to the pages indicated in parentheses ( ) for details.

## Front panel (SLV-XA127PL)

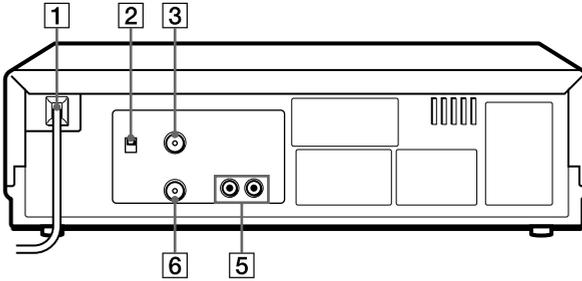


## Front panel (SLV-XF247PL)

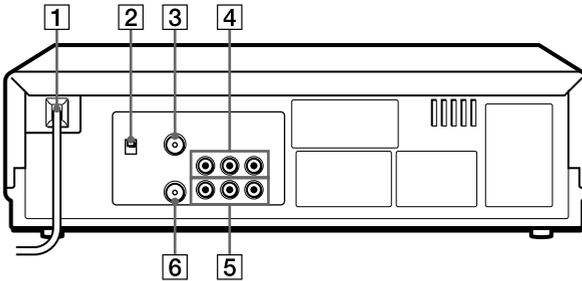


- |  |   |
|--|---|
| <b>1</b> POWER switch/indicator                                  | <b>9</b> ● REC (record) button (SLV-XF247PL only) (19)      |
| <b>2</b> LINE 2 IN VIDEO/AUDIO L/R jacks (SLV-XF247PL only) (18) | <b>10</b> ■ STOP button (12)                                |
| <b>3</b> Tape compartment  | <b>11</b> ■ PAUSE button (12)                               |
| <b>4</b> Hi-Fi Stereo/L/R indicators (SLV-XF247PL only) (13)     | <b>12</b> TV/VTR indicator (10)                             |
| <b>5</b> Tape operation indicators                               | <b>13</b> TAPE SPEED switch (SLV-XF247PL only) (19)         |
| <b>6</b> ◀◀ REW (rewind) button (12, 15)                         | <b>14</b> REC (recording) indicator (SLV-XF247PL only) (19) |
| <b>7</b> ▷ PLAY button (11)                                      | <b>15</b> Remote sensor (5)                                 |
| <b>8</b> ▶▶ FF (fast-forward) button (12, 15)                    | <b>16</b> INPUT SELECT switch (SLV-XF247PL only) (19)       |
|  | <b>17</b> ▲ EJECT button (12)                               |

### Rear panel (SLV-XA127PL)



### Rear panel (SLV-XF247PL)

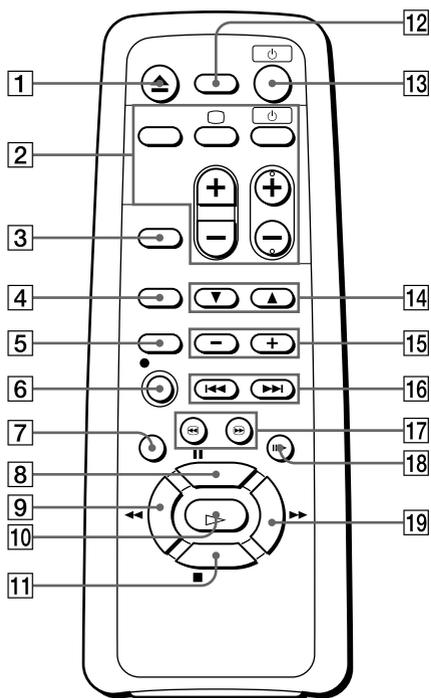


- 1** AC power cord (6)
- 2** RF (Radio Frequency UNIT switch) (10)
- 3** VHF/UHF IN connector (9)
- 4** LINE 1 IN AUDIO R/L/VIDEO jacks (SLV-XF247PL only) (18)
- 5** LINE OUT AUDIO/VIDEO jacks (SLV-XA127PL only) (7)  
LINE 1 OUT AUDIO R/L/VIDEO jacks (SLV-XF247PL only) (8)
- 6** VHF/UHF OUT connector (9)

continued

## Index to parts and controls (continued)

### Remote commander



- 1 ▲ EJECT button (12)
- 2 TV control buttons (*Only for TV*) (5)  
TV/VIDEO  
□ (TV power)  
⏻ (on/standby)  
VOL (VOLUME) +/-  
PROG (CH) (program (channel))  
+/-
- 3 EFFECT button (*This button doesn't work with this unit.*)
- 4 TRACKING AUTO/MANU button (17)
- 5 TV/VTR button (10)
- 6 ● REC (record) button (SLV-XF247PL only) (19)
- 7 AUDIO MONITOR button (*This button works only for SLV-XF247PL.*) (13)
- 8 || PAUSE button (12)
- 9 ◀◀ REW (rewind) button (12, 15)
- 10 ▷ PLAY button (11)
- 11 ■ STOP button (12)
- 12 TRINITRON TV SYNCHRO PLAY button (14)
- 13 ⏻ (power) switch
- 14 ▼/▲ TRACKING NORMAL/SLOW STILL ADJUST buttons (17)
- 15 SLOW +/- buttons (15)
- 16 ◀◀/▶▶ AMS buttons (*These buttons don't work with this unit.*)
- 17 🔍/🔍 SEARCH buttons (12, 15)
- 18 ||▶ FRAME button (15)
- 19 ▶▶ FF (fast-forward) button (12, 15)



---

# Index

## A, B

- Antenna hookup 9
- Audio track 13
- Auto head cleaner 22
- AV connection 7

## C

- Cleaning the video heads 21
- Connecting
  - external antenna connector 20
  - the unit and your TV 6
  - VHF/UHF band mixer 20

## D

- Dubbing. *See* Editing

## E, F, G

- Editing 18
- EP mode 12, 19

## H, I, J, K, L

- Hi-fi audio track 13

## M

- Monitoring
  - during playback 13

## N

- Normal audio track 13

## O

- OPC (Optimum Picture Control) 17

## P, Q

- Picture adjustment 17
- Playback 11
  - at various speeds 15
  - frame-by-frame 15
  - slow motion 15

## R

- Recording 19
- Remote commander 5
- RF UNIT switch 10

## S

- Safety tab 19
- Searching at various speeds 15
- SP mode 12, 19

## T, U, V, W, X, Y, Z

- Tracking adjustment 17
- Trinitron TV Synchro Play 14