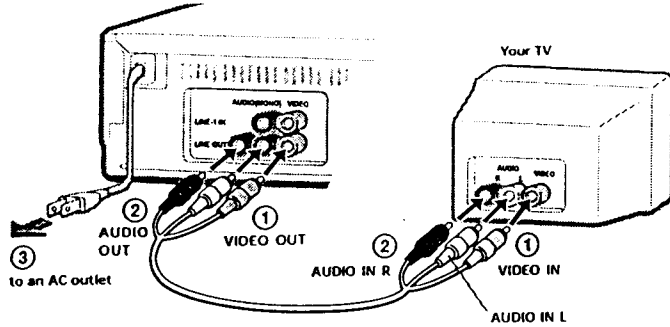


Connections



Follow the steps below to connect your TV to the VCR.



Step 1

Using the supplied audio/video cable, connect one of the yellow plugs to VIDEO of LINE OUT on this VCR, and the other yellow plug to VIDEO of LINE IN on your TV.

Step 2

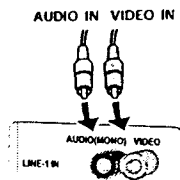
Connect both of the red and white plugs, in any order, to the black AUDIO LINE OUT jacks on this VCR, and the other ends to the AUDIO LINE IN jacks on your TV. If your TV is monaural (only one AUDIO LINE IN jack), you only need to use one of the red or white plugs. Just be sure to connect the same color plug to both the VCR and your TV.

Step 3

Plug in the power cord to an AC outlet.

Using the LINE-1 IN jacks

When you want to use this VCR to make a recording, connect LINE-1 IN on this VCR to LINE OUT of your other video source (such as a video camera or another video deck) using an audio/video cable (not supplied). If your other video source has a stereo LINE OUT (three jacks), use the audio/video cable VMC-910MS (sold separately). Play the original tape on the other video source and use this VCR to make the recording. See "C Recording and Tape Speed Buttons" on the reverse for more information.



Note
Do not connect your TV's LINE OUT jacks to the LINE-1 IN jacks.

Help



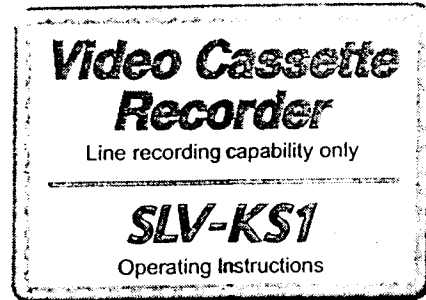
The power is on but the VCR does not operate.	Moisture condensation has occurred. Unplug the power cord and leave the VCR to dry for over three hours.
The playback picture does not appear on your TV screen.	Make sure you have selected the video input jack on your TV.
The picture is not clear.	The video heads are dirty. Clean the video heads using the Sony T-25CLD, T-25CLDR, or T-25CLW video head cleaning cassette. If these cleaning cassettes are not available in your area, have the heads cleaned at your nearest Sony dealer (a standard service fee will be charged). Do not use a commercially available liquid type cleaning cassette other than Sony's, as it may damage the video heads.
The picture has no sound.	Check the audio (red or white plugs) connections.
The VCR buttons don't work or the power doesn't turn on.	The Play Timer is on and the VCR has entered the lock mode. Set Play Timer to OFF. (See Play Timer)
You cannot make a recording.	<ul style="list-style-type: none"> Check that the cassette's safety tab has not been removed. The Play Timer is on. Set Play Timer to OFF. (See Play Timer)
A tape cannot be inserted.	<ul style="list-style-type: none"> Check that a tape isn't already in the tape compartment. Check that the cassette door is not locked. The Play Timer is on. Set Play Timer to OFF. (See Play Timer)
You cannot control other TVs.	Set your TV's code number. The code number may change when you replace the remote control's batteries.

Specifications

System	Supplied accessories
Format: VHS NTSC standard	Remote commander
Video recording system: Rotary head helical scanning FM system	Size AA (R6) batteries (2)
Video heads: Double azimuth four heads	Audio/video cable (3 phono to 3-phono) (1)
Video signal: NTSC color, EIA standards	Design and specifications are subject to change without notice.
General	ENERGY STAR® is a U.S. registered mark. As an ENERGY STAR® Partner, Sony Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.
Power requirements: 120 V AC, 60 Hz	
Power consumption: 24 W	
Operating temperature: 5°C to 40°C (41°F to 104°F)	
Dimensions: Approx. 355 x 96 x 285.5 mm (w/h/d) (Approx. 14 x 3 7/8 x 11 1/4 inches) including projecting parts and controls	
Mass: Approx. 3.6 kg (7lb 15oz)	

Demonstration mode

This VCR has a demonstration mode that allows the user, such as a salesperson, to automatically display the animations. To activate demonstration mode, press the \odot POWER button on the VCR for more than five seconds. The animations will start. To deactivate the mode, disconnect the power cord from the AC outlet.



movietime™



Owner's record

The model and serial numbers are located at the rear of the unit. Record these numbers in the spaces provided below. Refer to them whenever you call upon your Sony dealer regarding this product.
Model No. _____
Serial No. _____

WARNING

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



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

CAUTION

To prevent electric shock, do not use this polarized AC plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

Precautions

- Safety**
- Operate the unit only on 120 V AC, 60 Hz.
 - If anything falls into the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further.
 - This unit is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the unit itself has been turned off.
 - Unplug the unit from the wall outlet 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.
 - One blade of the plug is wider than the other for the purpose of safety and will fit into the power outlet only one way. If you are unable to insert the plug fully into the outlet, contact your Sony dealer.

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 VCR 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 three hours before operating the unit.

Information

For customers in the USA

CAUTION

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

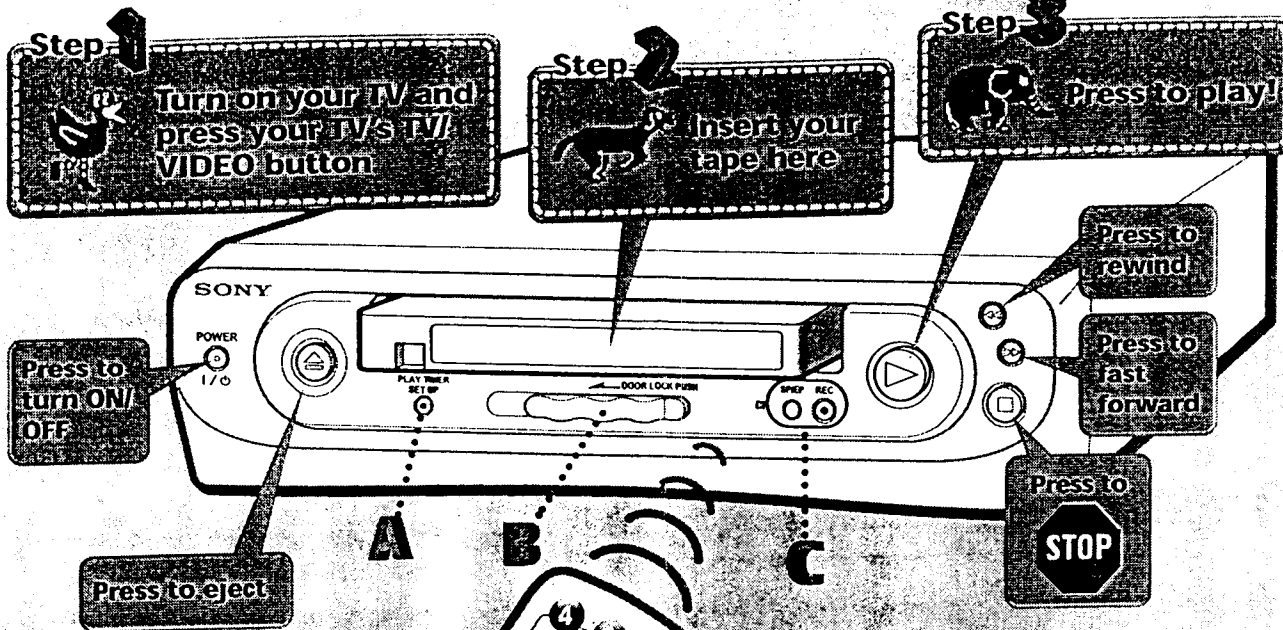
These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

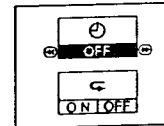
If you have any questions about this product, you may call Sony Customer Information Center 1-800-222-SONY (7669) or write to Sony Customer Information Center 1 Sony Drive, Mail Drop #T1-11, Park Ridge, NJ 07656



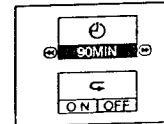
A Play Timer

The Play Timer function allows you to control the amount of time your child watches a video. For example, let's say you want your child to watch a 30-minute cartoon for 90 minutes.

- 1 Press the PLAY TIMER SET UP button for more than five seconds. The set up screen appears on your TV.



- 2 Press the >>> (fast forward) or <<< (rewind) buttons to select 90 minutes. The time will change in thirty minute increments. If you continue to press either the >>> (fast forward) or <<< (rewind) button, the playing time will scroll as follows: OFF ↔ 30 ↔ 60 ↔ 90 ↔ 120 ↔ 150 ↔ 180 ↔ OFF



- 3 After you select the playing time, press the PLAY TIMER SET UP button. The ON/OFF row of the < (repeat) option is highlighted.
- 4 Press the >>> (fast forward) or <<< (rewind) button so that ON is selected. By selecting ON, the 30 minute tape will rewind and play automatically when it reaches the end.
- 5 Press the PLAY TIMER SET UP button again. The set up screen will disappear and the timer will start. Follow the steps above to start watching a video.

When your child is watching a video, all of the buttons (except the ● REC (record) button) will work. After the set playing time has elapsed, the power will turn off and all of the buttons will be locked for one hour. If you press a button while the VCR is locked, the light on the power button will flash for five seconds.

To check the remaining time

Press the PLAY TIMER SET UP button once. The remaining time will appear on your TV screen. When five minutes are left, the remaining time will automatically appear on your TV screen.

To cancel the Play Timer

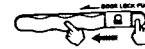
Press the PLAY TIMER SET UP button for more than five seconds. When the set up screen appears on your TV, use the >>> (fast forward) or <<< (rewind) buttons to set the timer to OFF.

Notes

- As soon as you complete step 5 above, the timer will start to run even if you turn off the VCR. This means that the VCR may enter the lock mode while the power is off, or that when you turn the VCR back on, the Play Timer will return to the last setting you made. Follow the explanations above to change or cancel the Play Timer.
- The Repeat function will rewind the tape no more than five times, regardless of the tape length or timer setting.

B Cassette Door Lock

You can lock the cassette door to prevent your child from inserting or ejecting cassette tapes. To lock the door, press down the PUSH button and move the DOOR LOCK slide to the left until it clicks in place.



To unlock the door, press down the PUSH button and move the DOOR LOCK slide to the right.



C Recording and Tape Speed Buttons

You can use this VCR to record images input through the LINE-1 IN jacks. For example, let's say you want to record images of your child that you took with your video camera.

- 1 Connect your video camera's LINE OUT jacks to the LINE-1 IN jacks on the back of this VCR, and insert a blank tape with its safety tab intact into this VCR.
- 2 Start playing the tape in your video camera.
- 3 Press the ● REC (record) button on this VCR.

The REC mark and tape speed (EP or SP) appear on your TV screen. EP (Extended Play) provides recording time three times as long as SP (Standard Play). However, SP produces better picture and audio quality. To stop recording, press ■ STOP.

Note

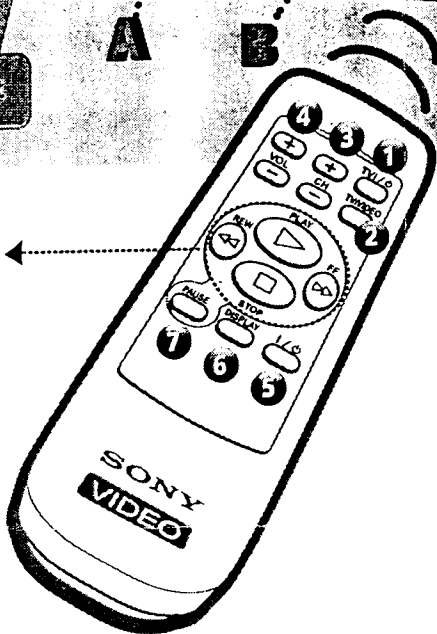
- The ● REC button will not function when the Play Timer is activated. Cancel the Play Timer before you make a recording.

▶ **PLAY button**
Press this button to play a tape.

◀◀ **REW (rewind) button**
Press ■ STOP and then this button to rewind a tape. To watch the picture in fast motion, press this button while the tape is playing.

▶▶ **FF (fast forward) button**
Press ■ STOP and then this button to fast forward a tape. To watch the picture in fast motion, press this button while the tape is playing.

■ **STOP button**
Press this button to stop the tape when it is playing, rewinding, fast forwarding, or recording.



Ⓞ **TV I/O button:**
Use this button to turn your TV on and off.

Ⓞ **TV/VIDEO button:**
This button switches your TV between regular TV programs and the video input jacks.

Ⓞ **CH +/- buttons:**
These buttons change the channels on your TV.

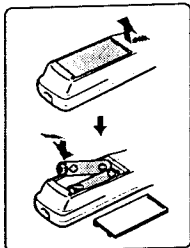
Ⓞ **VOL +/- buttons:**
These buttons change the volume on your TV.

You must first program your remote control to use the buttons 1 through 4 above (see below).

Ⓞ **I/O button:**
Although this button turns the VCR on and off, the VCR will turn on automatically when you insert a tape or press the ▶ PLAY, ▶▶ FF, ◀◀ REW, ● REC or PLAY TIMER SET UP buttons. The VCR will turn off automatically if no buttons are pressed for more than five minutes after the tape is stopped or ejected.

Ⓞ **DISPLAY button:**
This button will turn on or off the animations that appear when you insert a tape, etc.

Ⓞ **PAUSE button:**
Press this button to momentarily stop the tape.



Program your remote control

You can set your remote control to control the power, channel, volume, and video input of your TV. First find the manufacturer's name of your TV. Then, while holding down the TV power button (button TV I/O) on the remote control, press the operation buttons in the order shown in the chart.

Manufacturer	Press	Manufacturer	Press
Sony	▶ then ■	General Electric/RCA/Sears	▶▶ then ■
Akal/AOC/Emerson/Gold Star/J.C. Penney/Marantz/MGA/Mitsubishi/NEC/Philco/RCA/Wards	▶ then ■	Gold Star/MGA/Mitsubishi	■ then ▶▶
Centurion/Curtis-Mathes/Daytron/J.C. Penney/Magnavox/MGA/Mitsubishi/NEC/Sampo/Scott/Sylvania/Wards/York	▶▶ then ■	Hitachi	▶ then ▶▶
Conquest/Emerson/Gold Star/Hitachi/KMC/Magnavox/Philco/Portland/Sharp/Teknika/Wards	▶ then ◀◀	JVC	▶▶ then ◀◀
Emerson/Radio Shack/Teknika	◀◀ then ▶▶	Magnavox/Philips/Sylvania/Teknika	■ then ▶▶
Fisher/Sanyo/Sears	▶▶ then ▶▶	Marantz/MGA/Mitsubishi	◀◀ then ■
General Electric/Panasonic/Quasar	■ then ◀◀	Panasonic	■ then ▶▶
		Pioneer	◀◀ then ▶▶
		Quasar/Sharp	■ then ■
		Radio Shack/Sharp	■ then ■
		Sears/Toshiba	■ then ■
		Zeuth	◀◀ then ■