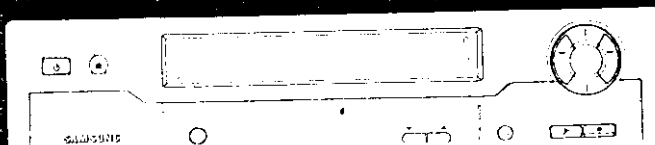
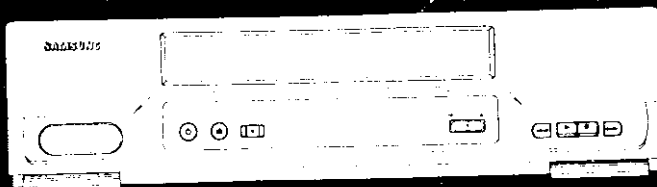
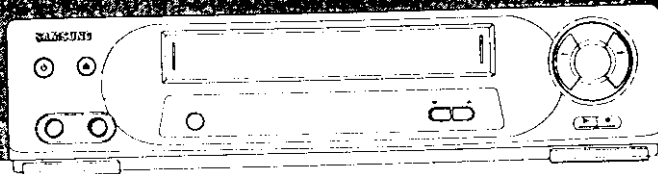
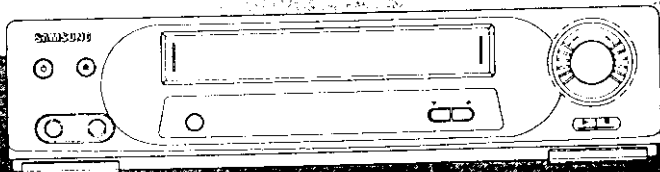


User's Guide

SV-B132P/SV-B102P

SV-B52P/SV-B22P





IMPORTANT SAFETY INSTRUCTIONS

To ensure proper warranty, please return your registration card within two weeks. Record the serial number from the back of the VCR and the date of purchase in the space below. Keep your purchase receipt with this manual for easy reference.

Model Number _____
Serial Number _____
Date Purchased _____
Dealer _____

IMPORTANT SAFETY INSTRUCTIONS

CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN		This symbol indicates high voltage is present inside. It is dangerous to make any kind of contact with any inside part of this product.
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		This symbol alerts you that important literature concerning operation and maintenance has been included with this product.

Note to CATV system installer: This reminder is provided to call CATV system installer's attention to Article 820-40 of the National Electrical Code (Section 54 of Canadian Electrical Code, Part I), that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

Caution: FCC regulations state that any unauthorized changes or modifications to this equipment may void the user's authority to operate it.

Caution: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Attention: pour éviter les chocs électriques, introduire la lame le plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

Important: One Federal Court has held that unauthorized recording of copyrighted TV programs is an infringement of U.S. copyright laws.

(ertain Canadian programs may be copyrighted and any unauthorized recording in whole or in part may be a violation of these rights.

To prevent damage which may result in fire or electric shock hazard, do not expose this appliance to rain or moisture.

1. **Read Instructions**-All the safety and operating instructions should be read before the product is operated.
2. **Retain Instructions**-The safety and operating instructions should be retained for future reference.
3. **Heed Warnings**-All warnings on the product and in the operating instructions should be adhered to.
4. **Follow Instructions**-All operating and use instructions should be followed.
5. **Cleaning**-Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6. **Attachments**-Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. **Water and Moisture**-Do not use this product near water-for example near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.

IMPORTANT SAFETY INSTRUCTIONS



8. **Accessories**-Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with the product. Any mounting of the product should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer.
9. **Cart Usage**-A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.
10. **Ventilation**-Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
11. **Power Sources**-This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.
12. **Grounding or Polarization**-This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
13. **Power-Cord Protection**-Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.
14. **Outdoor Antenna Grounding**-If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA 70 provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.
15. **Lightning**-For added protection for this product during a lightning storm or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
16. **Power Lines**-An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
17. **Overloading**-Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
18. **Object and Liquid Entry**-Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
19. **Servicing**-Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
20. **Damage Requiring Service**-Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a When the power-supply cord or plug is damaged.
 - b If liquid has been spilled or objects have fallen into the product.
 - c If the product has been exposed to rain or water.
 - d If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
 - e If the product has been dropped or damaged in any way.
 - f When the product exhibits a distinct change in performance-this indicates a need for service.
21. **Replacement Parts**-When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
22. **Safety check**-Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
23. **Heat**-The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

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Please check your model number before you read this manual

Thank you for purchasing a Samsung VCR. This user's guide covers the operations of several different Samsung VCRs. The contents of the user's guide cover both basic and common functions of all the units, plus optional features are only for specific models. Please check the chart below to see if your VCR has a specific optional feature before reading about it later on in the guide.

Option Chart

Option Feature	MY VCR				If your VCR has the feature listed, See page below.
	SV-B132P	SV-B102P	SV-B52P	SV-B22P	
GRADE	4HEAD HI-FI	4HEAD HI-FI	4HEAD MONO	2HEAD MONO	-
AUTO CLOCK	X	X	X	X	10-11
CBC	X	X	X	X	22-23
BACK-UP	6HR	1MIN	1MIN	1MIN	4
F-A/V	0	0	X	X	21
SHUTTLE	0	X	X	X	24
DIAMOND HEAD	0	0	0	0	4
CHILD LOCK	0	X	X	X	6
UNIVERSAL REMOTE	0	X	X	X	7

Features & Accessories - Battery Installation/Replacement

Basic Features

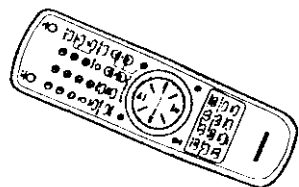
- ▶ One Touch Recording(OTR) up to four hours without using the timer program
- ▶ Universal Remote Control for your VCR and most TVs (except VR5508 and VR3618C only)
- ▶ Tri-lingual on-screen programming (English/Spanish/French)
- ▶ Two Button Shuttle for various playback speeds
- ▶ Digital Auto Tracking
- ▶ Special effects playback, including slow motion
- ▶ Built-in HQ (High Quality) video circuitry
- ▶ One-month eight event timer programming
- ▶ Key Lock-disables all of the key functions

Option Features

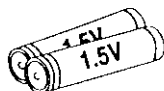
- ▶ Auto Clock Set
- ▶ Auto Line2 Input Detect
- ▶ Child door Lock:Cassette Door Locking System (unlocks the VCR's cassette door only when a video tape is inserted).
- ▶ Memory Back-Up to retain programming for up to six hours
- ▶ Diamond Head®
- ▶ Shuttle Ring for various playback speeds
- ▶ CBC(Cable Box Control)

* Diamond Head refers to a carbon based coating applied to the video heads, which increases durability and reduces head wear, while keeping the video heads spotless.

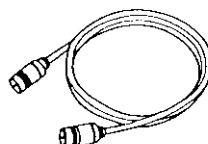
Accessories



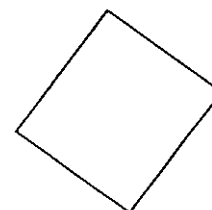
Remote Control



Batteries for remote(2xAA)

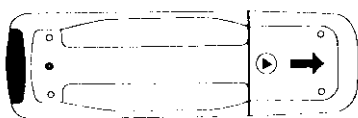


RF-Cable



Warranty Card

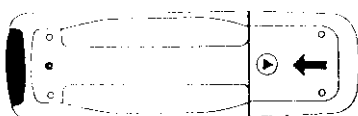
Battery Installation/Replacement for the Remote Control



- 1 Remove the battery compartment lid by lifting the cover.



- 2 Insert two AA batteries as shown.



- 3 Replace the compartment cover.

When replacing batteries, use all new batteries. Never mix alkaline and manganese batteries.

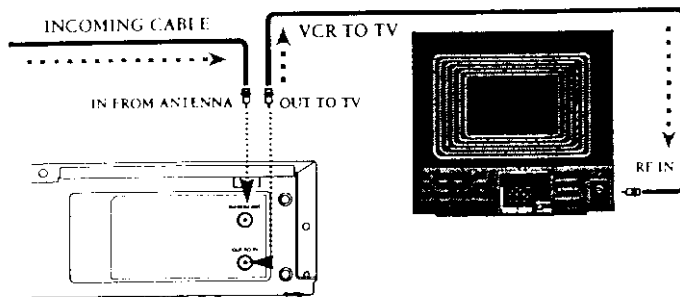
Setting up Your VCR

Cable TV Connections

Local cable companies vary in the types of services provided and can provide any additional information for VCR/cable connections.

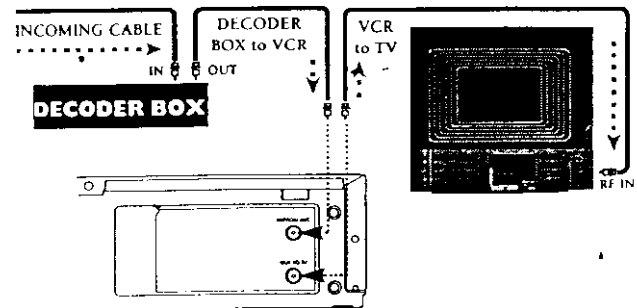
Basic Cable TV Connection(No Decoder Box)

Follow this diagram to attach your VCR to a basic cable system with a 75 ohm coaxial cable.



Premium Cable TV Connection (with Decoder Box)

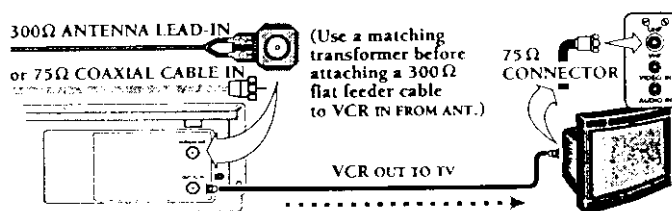
Some cable companies provide a decoder box to unscramble premium and/or basic channels. Follow this diagram to attach your VCR to a decoder box.



Set the output switch on the back of your VCR to 3 or 4 to match the channel selected at the TV.

Antenna Connection

Follow the diagram below to connect your VCR to an outside or indoor rabbit ear antenna.



Your VCR has a built-in converter to receive most VHF/UHF signals. If your outside antenna cable is a 300 ohm flat feeder, a matching transformer must be attached before the VCR input terminal. You can purchase this transformer at any electronics store.

An outside antenna should not be located where it can fall into overhead power lines, electric light or power cables. To install, use extreme caution. Contact can be fatal. Make sure any outside antenna is properly grounded, according to Section 810 of the National Electrical Code, ANSI/NFPA NO. 70-1984.(Section 54 Electrical code of Canadian Part 1)

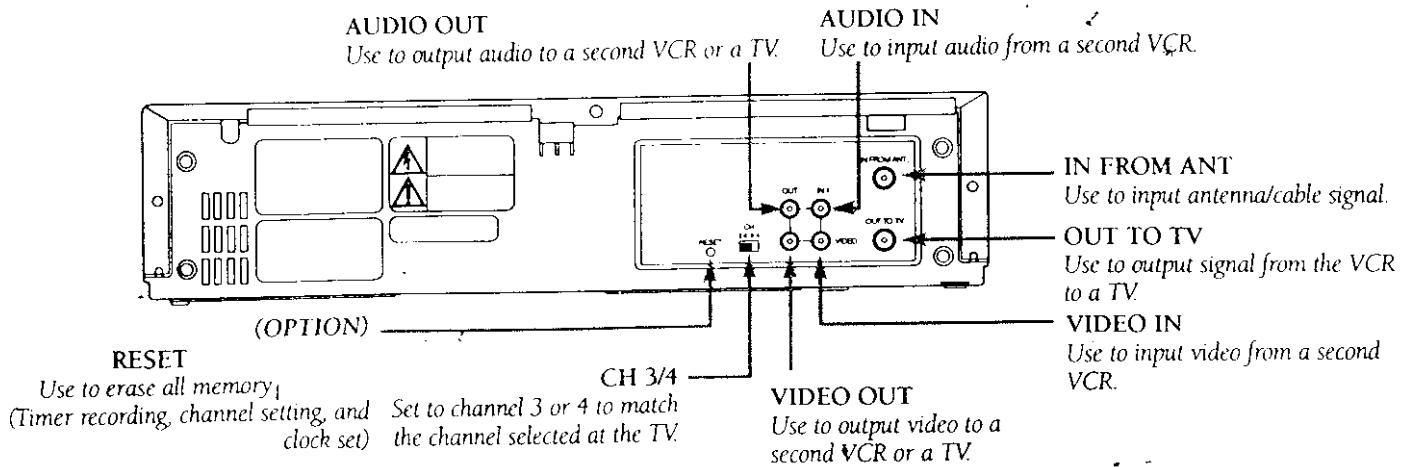
Descriptions - Display

Display

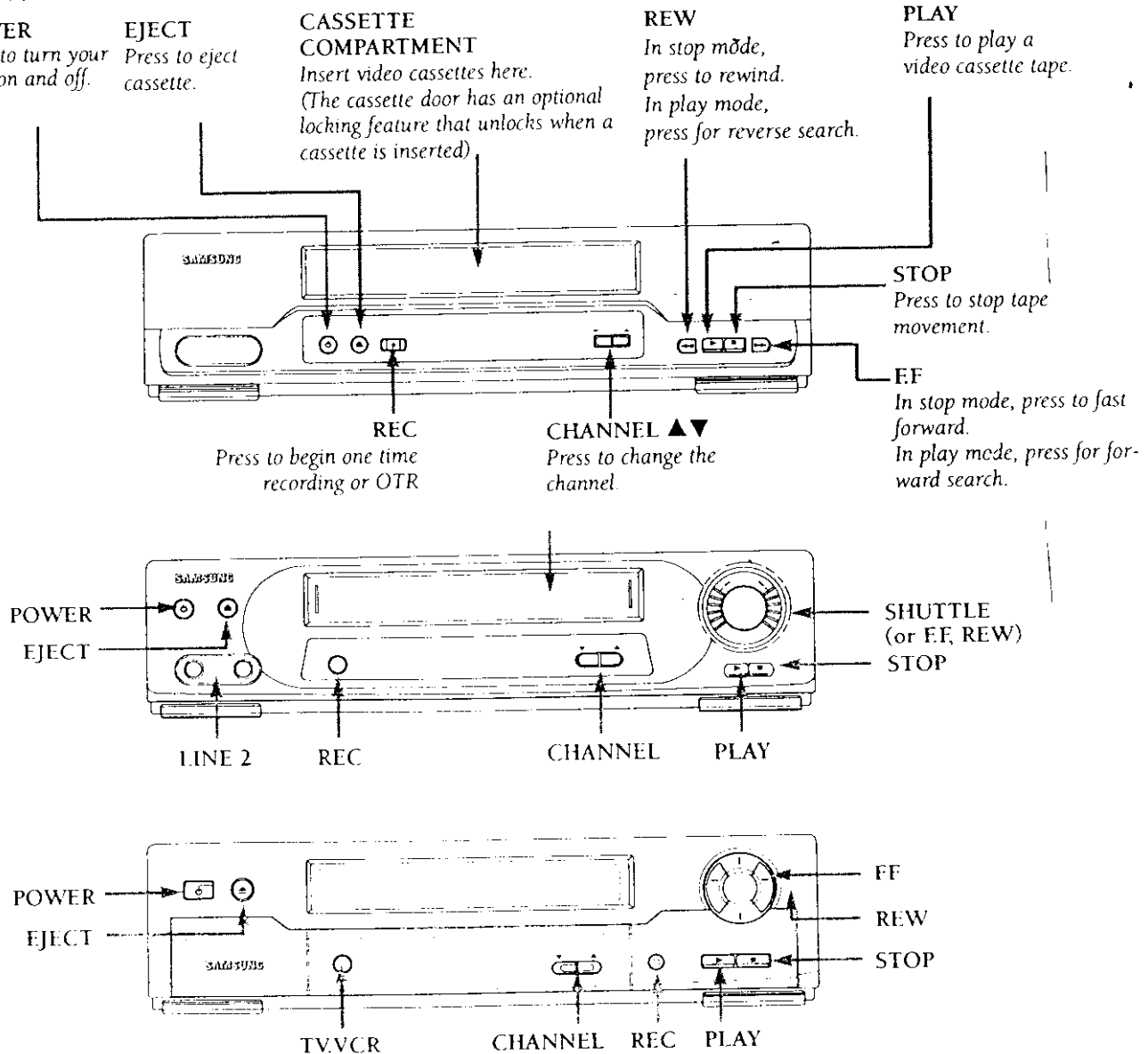


Descriptions - Front Panel

Rear Panel





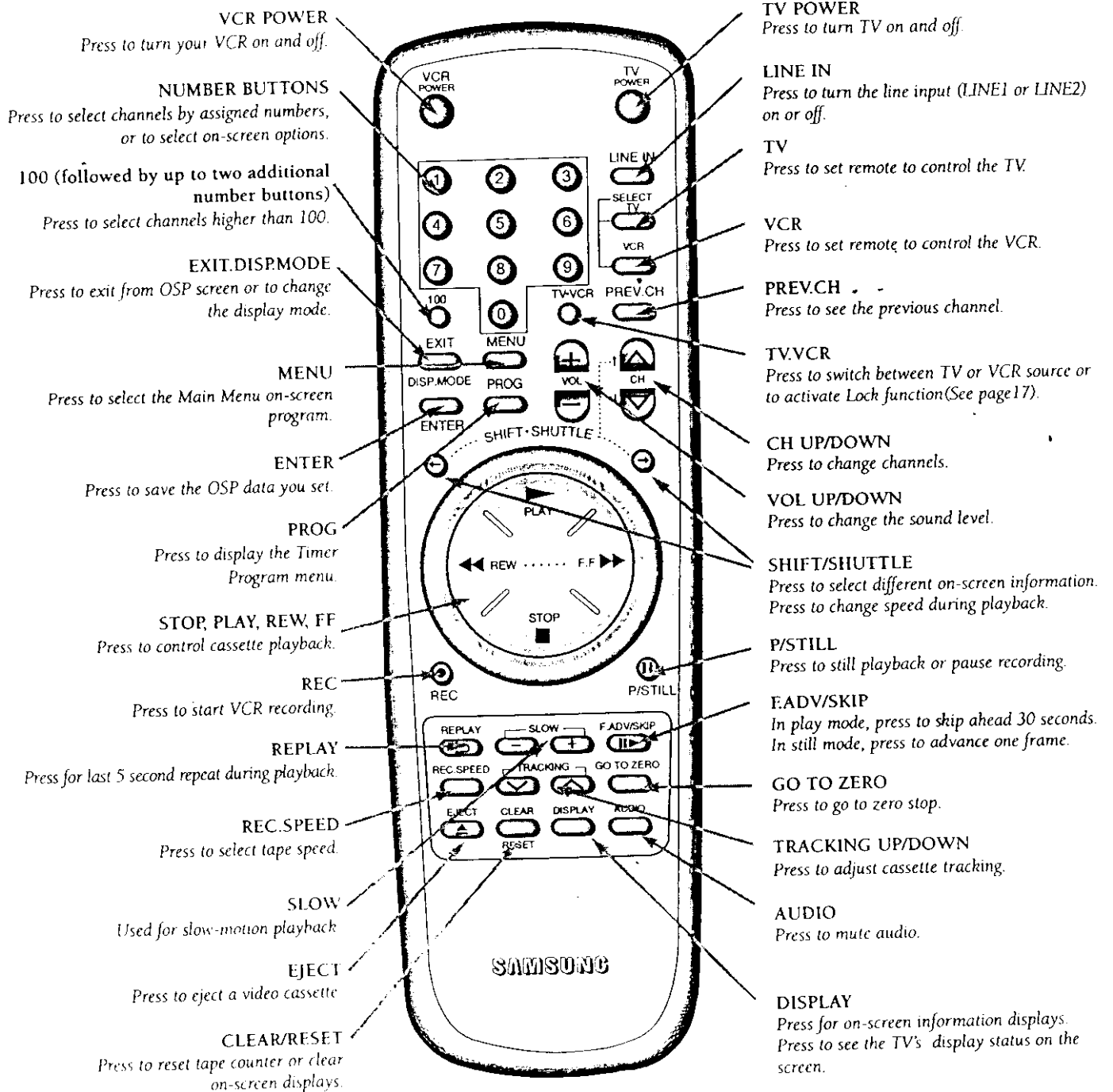
Front Panel



Descriptions - Remote Control

Universal Remote Control Description

To operate the remote control, first press one of the component buttons ( or ) to tell the remote control which component you want to control.





Gray shaded text refers to TV specific buttons
























Descriptions - Remote Control


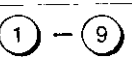

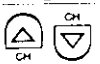
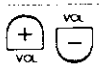


To Control a Compatible TV
























To program your VCR remote to control a specific brand of TV:


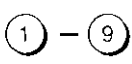


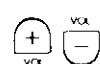


- 1 Turn the TV on and point the remote at the TV.
- 2 Press and hold down . At the same time, press the appropriate buttons respectively according to the chart below. When the TV turns off, programming is completed. The remote then controls the TV as shown in the chart.
A "YES" indicates the remote button works as marked, a "NO" indicates the button does not work. Any other functions are marked.
(For example: for an Emerson TV,  works for **DISPLAY**.)

It will not operate all TV's made by these manufacturers. If your TV does not respond to any of the button combinations, the TV probably cannot be controlled by this remote control. The VCR remote will now control certain functions of your TV depending on the type of TV.

Press Buttons ▶ 

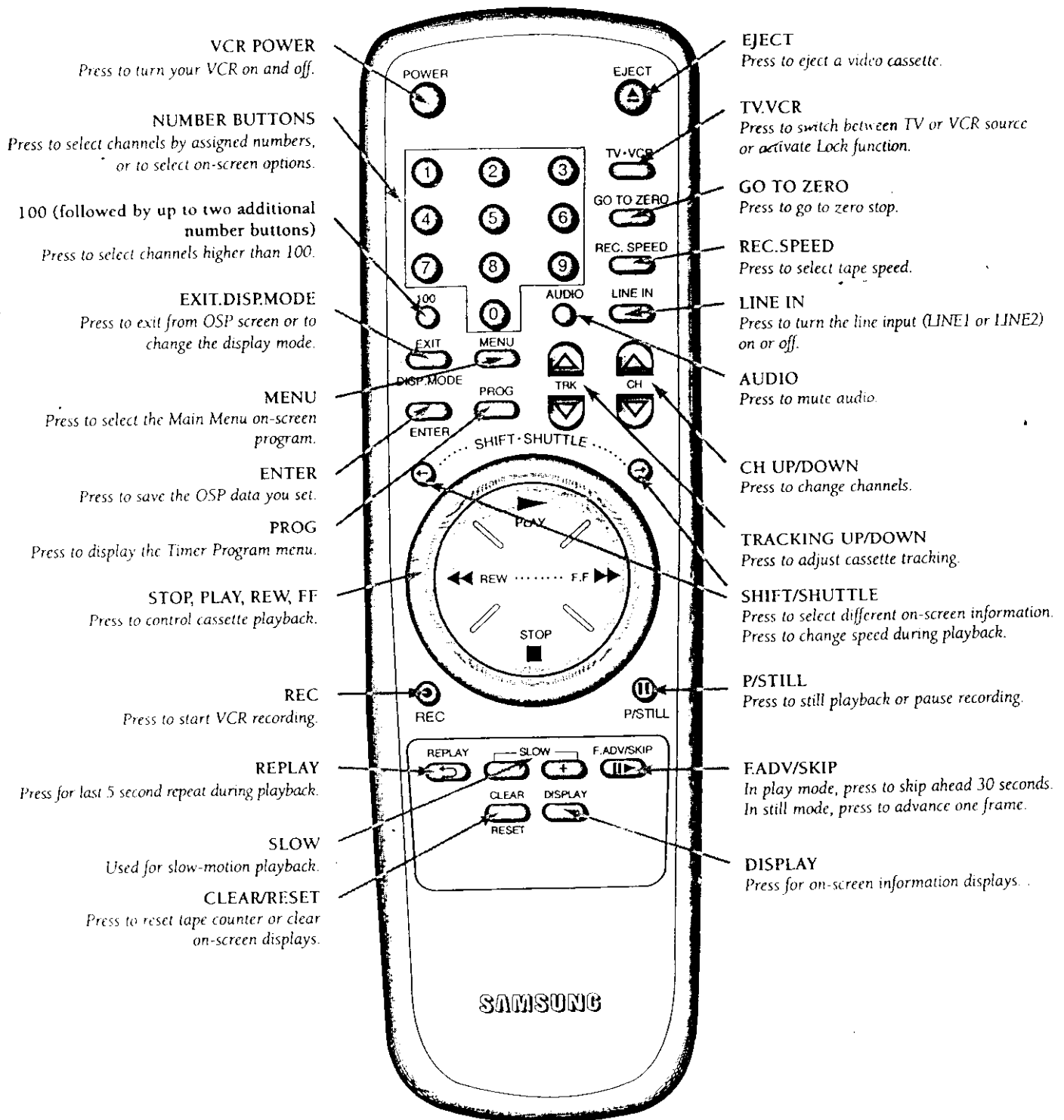
TV Brand ▶ Select ▼	Samsung old	Sharp new	Sony	Magnavox	Sanyo	Goldstar new	RCA	Goldstar old	Toshiba	Hitachi	JVC	Panasonic 1
POWER 	YES	YES	YES	YES	YES	YES	OFF	YES	YES	YES	YES	YES
	YES	YES	YES	YES	YES	YES	YES	A-K	YES	YES	YES	YES
	YES	YES	YES	YES	YES	NO	YES	NO	YES	YES	NO	NO
	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
DISPLAY 	YES	YES	YES	YES	NO	NO	YES	NO	NO	NO	YES	YES
LINE IN 	YES	YES	YES	NO	NO	YES	YES	NO	YES	YES	YES	YES

Press Buttons ▶ 


TV Brand ▶ Select ▼	Mitsubishi	Samsung new	Samsung Latin	Sharp old	Zenith	Goldstar Latin	Daewoo	Sanyo	Emerson	Sharp	Samsung Latin new	Panasonic 2
POWER 	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	NO	YES	NO	NO	YES	NO	NO	YES	Display	NO	YES	NO
	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
DISPLAY 	YES	YES	NO	NO	NO	NO	YES	YES	NO	NO	NO	YES
LINE IN 	YES	YES	YES	NO	NO	NO	YES	YES	NO	NO	YES	YES




Descriptions - Remote Control



VCR Remote Control Description

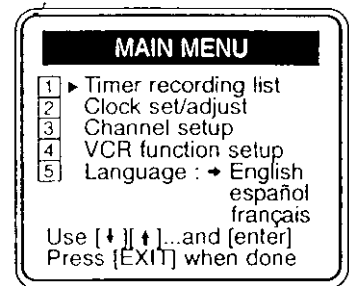


Programming Your VCR - Clock Set

Use the remote control to set all on-screen programming. Press  for the Main Menu on-screen display which controls most programming.


Programming can be performed by pressing the appropriate number button or the   and  buttons.

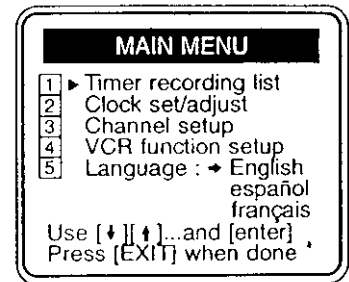
If this menu does not appear, make sure the TV is tuned ^{for} to the same channel as CH3/4 switch on the rear panel of the VCR and check the VCR indicator on the front display. If the VCR indicator does not light, press  to turn it on. If you want to exit any OSP, press  DISP MODE



Language Selection

Your VCR can display information in one of three languages. To change languages, press  for the Main Menu.

Press  to ^{select} change between English, Spanish, ^{or} and French.





Clock Set




The VCR will automatically set and update the clock to the exact current time when the VCR is turned off (You may also manually set the clock.).

The VCR clock is used to turn your VCR on and off during timer record programs. If the clock is off by even a minute, part of program to be recorded may be missed.

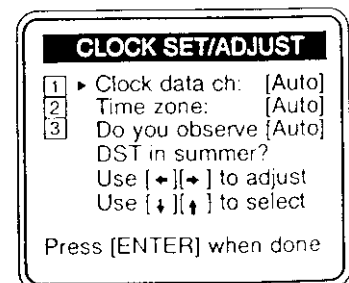
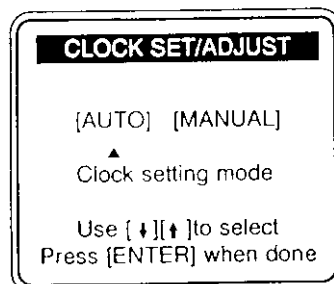
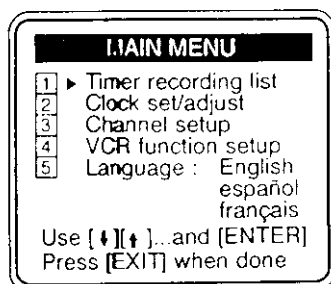
If you are using a cable box, the cable box setup must first be performed in order to set the clock automatically.

1 To set the clock, turn the VCR on and press  to bring up the Main Menu.



2 Press  to select Clock set/adjust.

3 Use   to select AUTO and press  to continue.

If the AUTO CLOCK SET feature is selected, the VCR automatically updates the clock using the Coordinated Universal Time information transmitted by some broadcast stations. The CLOCK DATA CH, TIME ZONE and DAYLIGHT SAVINGS TIME menu items may need to be set for your area if auto settings don't work.



Programming Your VCR - Clock Set

- 4 Use   or Number buttons to select and change the options.

Set Clock Data CH.

If you don't know the clock data channel, select AUTO. The VCR will scan automatically to tune the channel carrying the clock data (usually PBS).

Note: Depending on the location of your PBS channel, it may take the VCR up to 20 minutes to scan through the channels.

Set Time ZONE

If you select AUTO for your time zone, the VCR sets the clock using the first Coordinated Universal Time information it finds. If the time is not correct, select another time zone or use the MANUAL clock setting mode option.

Set Daylight Saving Time

- If you select YES, DST IS OBSERVED:

In the spring, daylight-saving time begins on the first Sunday in April.

Because the clock automatically changes from 2:00 AM to 3:00 AM (forward one hour), remember that your recording time and length might be affected.

In the autumn, daylight-saving time ends on the last Sunday in October. The VCR clock automatically changes from 2:00 AM to 1:00 AM (back one hour). Therefore, it can affect your recording length if one is set for this time.

- If you select AUTO, the VCR sets the clock using the first coordinated universal time information it finds.

- 5 Press  when done.

The clock is set and adjusted automatically when the VCR Power is turned OFF.

With a cable box, the VCR will not reset the clock after a power outage.



Cable box setup must be performed again.

If AUTO CLOCK SET is unsuccessful, try tuning the VCR to a channel carrying the Clock information (usually PBS), then turn the VCR off. If the time does not set within 20 minutes, set the time and date through the MANUAL CLOCK SET menu selection.



Check local cable system or TV stations for availability of channels with Coordinated Universal Time. Signal may not be available in some areas.

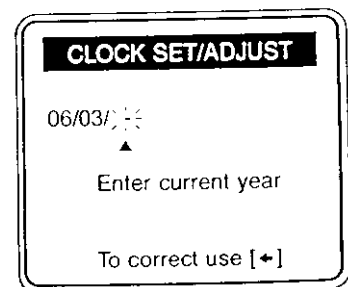
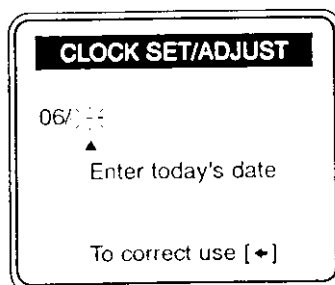
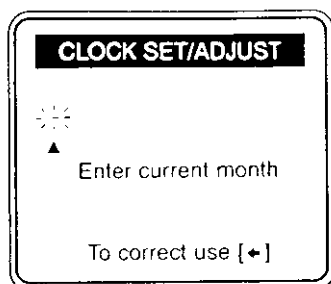
- 6 If you select MANUAL Clock set mode, the first display below will appear.

- 7 Press two number buttons between



01 and 12 for the month. For example, press   for JUNE.

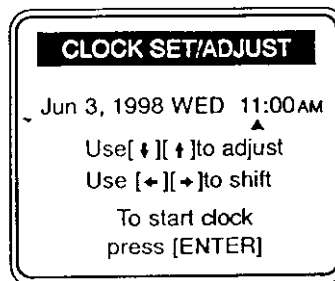
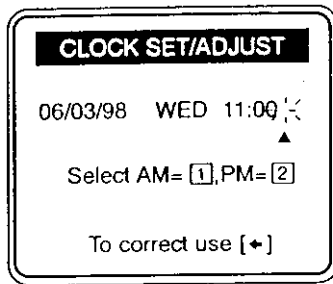
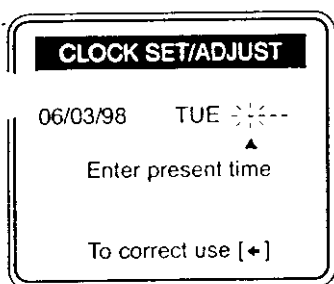
- 8 Press two number buttons between 01 and 31

for the date. For example, press   for the third day of the month.




Programming Your VCR - Clock Set

- 9 Press two number buttons for the last two digits of the year. For example, press 9 8 for 1998.
- 10 The day of the week is automatically added. Press four number buttons between 0100 and 1259 for the time of day.
For example, press 1 1 0 0 for 11:00.
- 11 Press 1 for AM or 2 for PM.
Noon is 12:00 PM. Midnight is 12:00 AM. For example, press 1 for 11:00 AM.
- 12 Press  to start clock.
- 13 Press  when done.

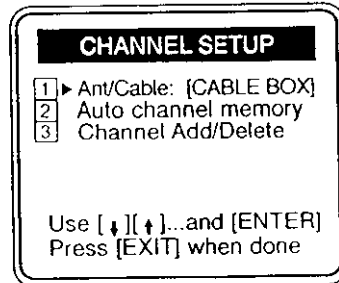
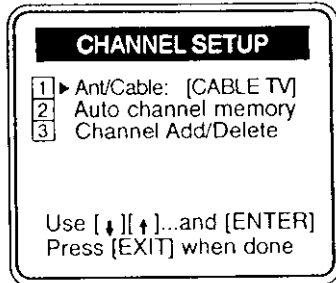
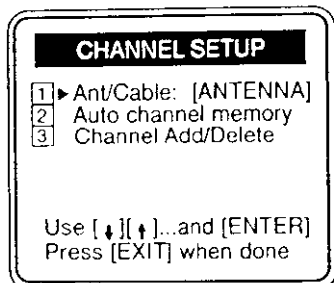


Programming Your VCR - Channel Set

Channel Set

Before setting channels, set the signal source to antenna or cable TV. To do this, press  for the Main Menu. Press 3 to select Channel setup. Then press 1 until the correct option appears.







* "CABLE BOX" will only be displayed for model with cable box control (See page 22).

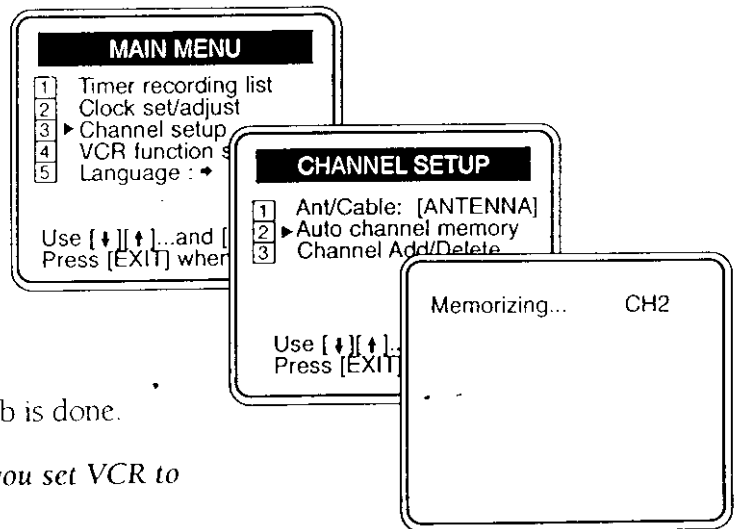


Programming Your VCR - Channel Set


Automatic Channel Memory

Automatic Channel Memory scans through all channels in your area and memorizes the ones that are available.

- 1 Press  for the Main Menu.
- 2 Press  to select Channel setup.
(or press  to position the cursor at NO.  and press . This application is applied to all OSP screens.)
- 3 Press  to start Automatic channel memory.
- 4 Your VCR will begin scanning through channels.
When the channel number stops changing, the job is done.
















If your VCR has the cable box control function and you set VCR to Cable Box mode, channel memory is not available.

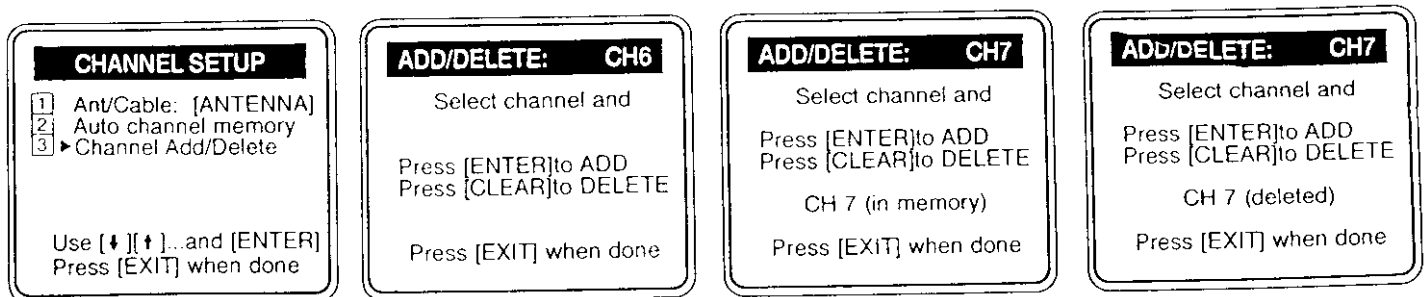
To interrupt Auto-Channel memory, press .

To Add or Delete Channels

Automatic Channel Memory tunes in channels with strong signals, but you can also add or delete channels. The Auto Channel Memory function must be performed before channel Add/Delete can be used.

- 1 Press  for the Main Menu, then press  to select Channel set.
- 2 Press  to select Channel Add/Delete.
- 3 Press two number buttons for the channel to be added or deleted. For example, press  and  to add channel 7. Press  and two numbers for channels over one hundred.  button only works in cable TV mode.
- 4 Press  to add the channel.
- 5 Press  to delete the channel.




Once a channel is deleted, it can be accessed with the number buttons but the   buttons skip past it. To add the LINE input to channel memory, select LINE using  and then press .



Programming Your VCR - VCR Function Set Up


Before playing and recording, set up the VCR functions so that all features are available. If not set up properly, the on-screen information may be inaccurate.

VCR Function Set up


- 1 Press  for the Main Menu.
- 2 Press  to select the VCR Function Set Up.
- 3 Press  to set the cassette type at T120, T160 or T180.
(This is usually printed on the tape box).
This is necessary for the time remaining display to be accurate.




17 For the time remaining, see "Using DISPLAY and MODE button".

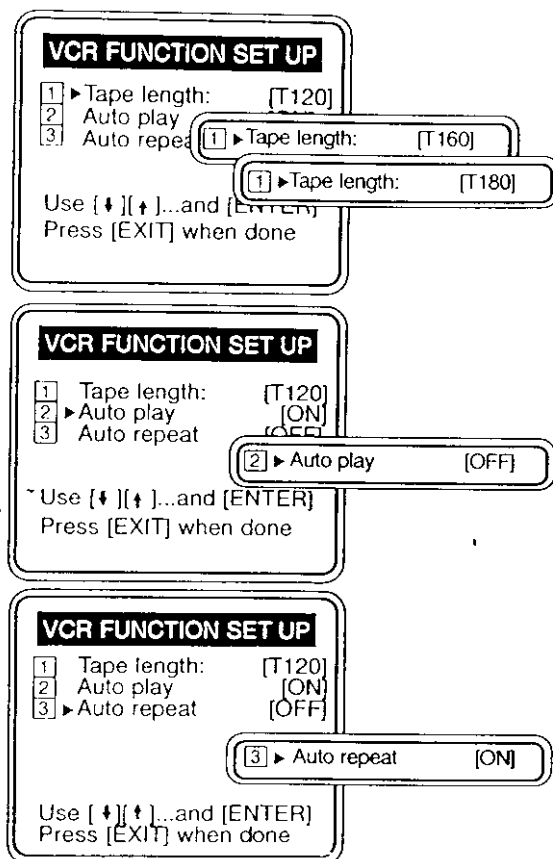
- 4 Press  to set auto play to ON or OFF:

Auto Play sets the VCR so that when a cassette tape with its safety tab removed is inserted, it automatically goes to play mode.



- 5 Press  to set repeat play to repeat the tape continuously from beginning to end.

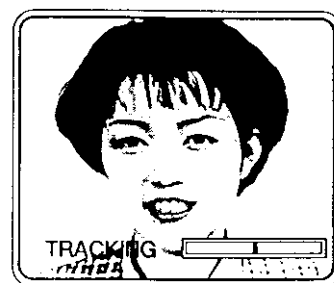
Any user input (stop, fast forward or rewind) will defeat the function.

- 6 Press  when done.



Playing Video Cassette Tapes - Tracking


- 1 Turn the TV on and insert a cassette into your VCR.
- 2 Press , if necessary.
If the VCR indicator on the front panel does not light, press .
- 3 After a few seconds of auto tracking, sound should begin.



Manual Tracking Adjustments

For the best picture quality when playing a cassette, the video head must be aligned with the recorded track. This alignment is called tracking.

When playing back a tape, your VCR automatically adjusts the tracking. Cassettes recorded on other VCRs and cassettes with copy protection may require some manual adjustment.

If manual adjustment is necessary, press .

Picture distortion often occurs at the beginning of a tape.

If manual tracking adjustments do not clear the picture, there may be a problem with the video tape.

Playing Video Cassette Tapes - Using Special VCR Features

When any special viewing feature is used, the sound is turned off. If streaks, blurring or horizontal jitters appear, adjust the picture with the tracking buttons.

Using Pause or Still Picture for more than five minutes stresses the tape and wears the video heads. Your VCR automatically stops after five minutes of slow motion, pause or still, so that heads and tapes are not accidentally damaged.

Fast Forward and Rewind

Press **▶▶** to fast forward the cassette.

Press **◀◀** to rewind the cassette.

Forward and Reverse Picture Search

In play mode, press **▶▶** or **◀◀** once for picture search, forward or backwards. To resume normal viewing, press **▶** PLAY

In play mode, press and hold **▶▶** or **◀◀** for Jet Search. This increases the searching speed 7 times for tapes recorded at SP speed and 21 times for tapes recorded at SLP speed. To resume normal viewing, release the button.

Slow Motion

Press **⏮** SLOW **⏭** while a cassette is playing for slow motion.

Repeatedly press **⏮** SLOW **⏭** to vary slow motion speed from 1/5 to 1/30 of normal playback. Press **▶** PLAY to resume normal viewing.

* Slow motion playback is available in the SLP mode only for models 2Head Model.

Still

In play or slow motion mode, press **⏸** P/STILL to stop on a single still frame. Press **⏸** P/STILL again to resume normal viewing or recording.

When recording, use **⏸** P/STILL to smoothly edit out any unwanted material.

Frame Advance

Video cassettes are like snap shots lined up on a tape. A single frame is equal to one snap shot. In still mode, the **⏮** F ADV/SKIP button advances the picture for frame-by-frame viewing. Press **▶** PLAY to resume normal viewing.

Skip Search

The **⏮** F ADV/SKIP button can be used to "skip" ahead. In play mode (rather than still/pause mode), press **⏮** F ADV/SKIP to skip ahead 30 seconds and twice to skip ahead 60 seconds.


Press **⏮** F ADV/SKIP three times to skip ahead 90 seconds and five times to skip ahead 150 seconds.

Press **⏮** F ADV/SKIP to skip past commercials, which are usually in 30 and 60 second segments.

Playing Video Cassette Tapes - Using Special VCR Features


Go to 0:00:00 STOP


Use Go to 0:00:00 STOP when you want to search for the 0:00:00 counter position on a cassette.

While playing a cassette or in STOP mode, press .

The VCR will rewind or fast forward, searching for the 0:00:00 counter position, and then automatically stop at that position.



Replay

During playback, when  is pressed, the VCR will reverse search for the count of five seconds in SP mode or about fifteen seconds in SLP mode, then play back again.

During slow, when  is pressed, the VCR will reverse search for the count of five seconds in SP mode or about fifteen seconds in SLP mode, then start slow playback again.

To use the Shuttle Buttons

The Shift feature allows one-touch playback at selected speeds, from still picture to forward/reverse picture search.

Press Shuttle   to advance forward or for reverse playback.


Playback speed is determined by how many times you press Shuttle.

When any special viewing feature is used, the sound is turned off. If streaks, blurring or horizontal jitters appear, adjust the picture with the tracking buttons.

Recording Video Cassette Tapes - Before Recording

Before Recording

Before recording on any cassette, make sure the record protect safety tab is in place and check the following.

Press  to set the tape speed at SP or SLP.

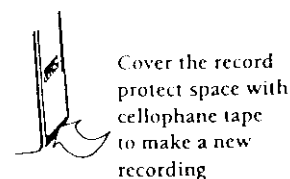
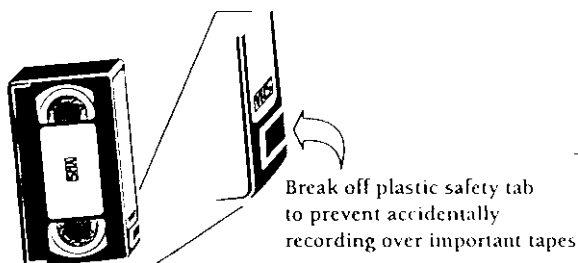
The slower speed (SLP) can record more programs on the tape.

Tapes recorded at SP provide a clearer picture. Set the tape speed using the following table:

TAPE \ MODE	SP(standard play)	SLP(super long play)
T-120	2hrs.	6hrs.
T-160	2hrs. 40min	8hrs.
T-180	3hrs.	9hrs.


Video Cassette Tapes

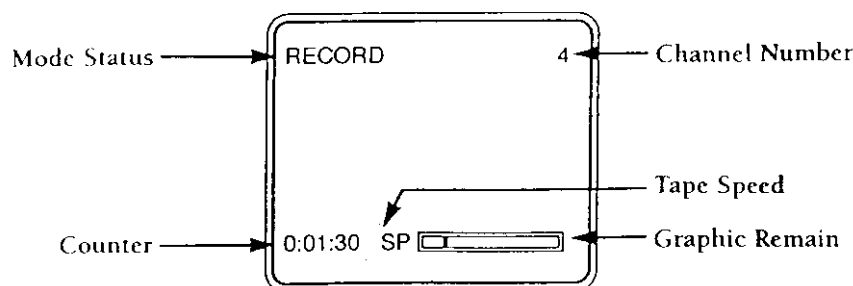
To prevent accidentally recording over a program, remove the record protect safety tab on the cassette case.



Recording Video Cassette Tapes - Using DISPLAY and MODE Button


Using DISPLAY and MODE Button


- 1 Press  while the cassette is playing or recording.

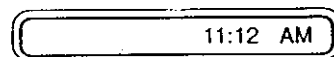
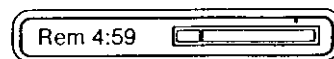


The function (play or record) appears in the upper left corner. The amount of time remaining is based on the tape speed: SP or SLP. A bar in the lower right corner graphically represents this time. The counter appears in the lower left corner with the tape speed. Your VCR can calculate the amount of record (or play) time that has elapsed since the counter was last reset.


- 2 After approximately 3 seconds, the display automatically changes, then only the counter and graphic displays are shown.

- 3 Press  to change the counter mode to show the time remaining or the present time.







- 4 Press  again to remove the counter remaining or clock display from the TV screen.



To Record a Program

- 1 Set your TV and VCR Channel Switch to channel 3 or 4.
- 2 Insert a cassette with a record protect safety tab.
- 3 Make sure the **VCR** indicator is displayed on the front panel. If it is not, press .
- 4 Make sure the tape speed is correct.

Changing the tape speed while recording causes minor distortion but will not interrupt the recording.


- 5 Select a channel to record by pressing  or the number buttons.
- 6 Press . The **REC** indicator will light.
- 7 To edit out unwanted material, press , then press  or  again to resume recording.
- 8 To end recording, press .


Key Lock

This function is useful when you do not want others to operate the VCR, for example, when making an important timer recording.

When this feature is activated, pressing any button on the VCR or remote has no effect.



To activate the Key LOCK feature, press  for approximately 5 seconds. The display will show "SAFE" when this feature is activated.

To resume normal mode, press  again for 5 seconds. "SAFE" will disappear and the VCR will operate normally.

Recording Video Cassette Tapes

To View One Channel While Recording Another.

While your VCR is recording one channel, you can watch another program. However, your VCR must be connected to your antenna/cable system. When using a cable decoder box, use an A/B switch that allows you to watch one channel while recording another.










To watch another channel while recording, press the  button to select TV viewing (the VCR indicator light on the front display shuts off). Then select another channel you want to watch with the TV's channel buttons.

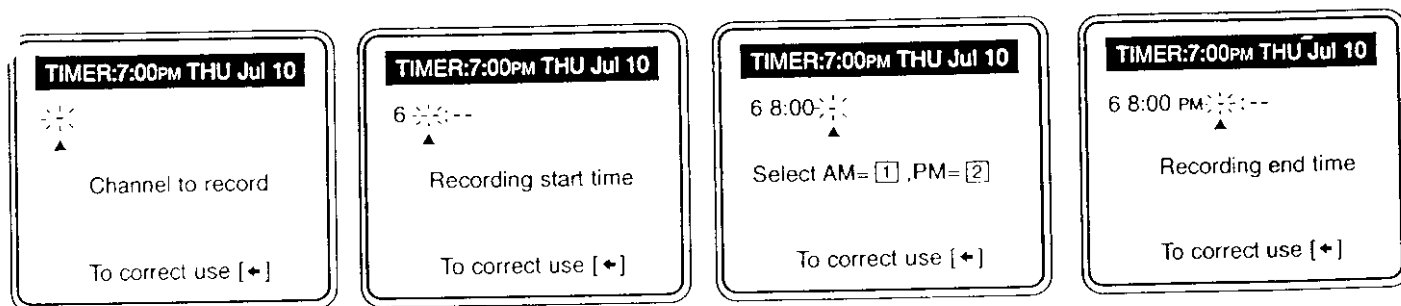
Recording a Program - Timer Recording







Timer Recording

The Timer feature can automatically record programs. Your VCR can record up to eight different programs.


Your VCR can record on a specific day or every day, Monday through Friday. Daily and weekly programs remain in the timer until erased. A single program is erased after the program records.

- 1 To set a timer recording, press .
- 2 Press two number buttons to set the channel. For example, press   to record channel 6.
- 3 Press four numbers (between 0100 and 1259) to set a start time.
For example, press     for eight o'clock.
- 4 Press  for AM or  for PM. For example, Noon is 12:00 PM. Midnight is 12:00 AM.



- 5 Press four numbers (between 0100 and 1259) to set an end time. For example, press     for nine thirty.
- 6 The date is automatically entered. Press  to use that date.
If you want to select a different date, press  to select the date you want to start recording.

Recording a Program - Timer Recording

Or press  to record at a set time Mo thru Fr. or on selected days. MO - FR: program recorded at same time every day. For example, select THU'S to record every Thursday.

TIMER:7:00PM THU Jul 10

6 8:00PM 9:30 THU 10 AUTO

▲
Date, daily or weekly

Use [↑][↓] to adjust
Use [←][→] to shift

Press [PROG] to complete

TIMER:7:00PM THU Jul 10

6 8:00PM 9:30 MO - FR 10 AUTO

▲
Date, daily or weekly

Use [↑][↓] to adjust
Use [←][→] to shift

Press [PROG] to complete

TIMER:7:00PM THU Jul 10

6 8:00PM 9:30 THU'S 10 AUTO

▲
Date, daily or weekly

Use [↑][↓] to adjust
Use [←][→] to shift

Press [PROG] to complete




TIMER:7:00PM THU Jul 10

6 8:00PM 9:30 THU 10 AUTO


▲
Record tape speed (SP/SLP)

Use [↑][↓] to adjust
Use [←][→] to shift

Press [PROG] to complete





- 7 Press  and press  to change between AUTO, SP and SLP tape speed.
When Auto is selected, the VCR will use a tape speed best suited for the length of timer record.
- 8 Press  to finish. Check the tape to confirm that enough time is left to record the program, and keep the VCR in the stop mode or turn the power off.
- 9 To stop a Timer Recording, press the VCR power button.


When using a cable decoder box, make sure the decoder box is on.







-  22 For diagram of proper decoder box connection and Cable Box setup.
The VCR will automatically select the channel by the VCR if the cable box set-up was completed.

Recording a Program - To Correct a Timer Program

To Correct a Timer Program

- 1 Press  for the MAIN MENU. Then press  to select Timer recording list.
- 2 Select the program you want to correct by using  .

For example, press  twice to select the 3rd program.

- 3 Press  to select the information.
- 4 Press   and press   to correct the program.
- 5 Press  to finish.

RECORDINGS

▶ 12 7:00 AM 8:00 MO-FR AUTO
8 11:00 PM 12:00 SUN'S AUTO
6 8:00 PM 9:00 MON 10 AUTO

[↑][↓]...[ENTER] / [CLEAR]

RECORDINGS

12 7:00 AM 8:00 MO-FR AUTO
8 11:00 PM 12:00 SUN'S AUTO
▶ 6 8:00 PM 9:00 MON 10 AUTO

[↑][↓]...[ENTER] / [CLEAR]

TIMER:7:00PM MON Jul 10

6 8:00PM 9:00 MON 10 AUTO

▲
Channel to record








Use [↑][↓] to adjust
Use [←][→] to shift

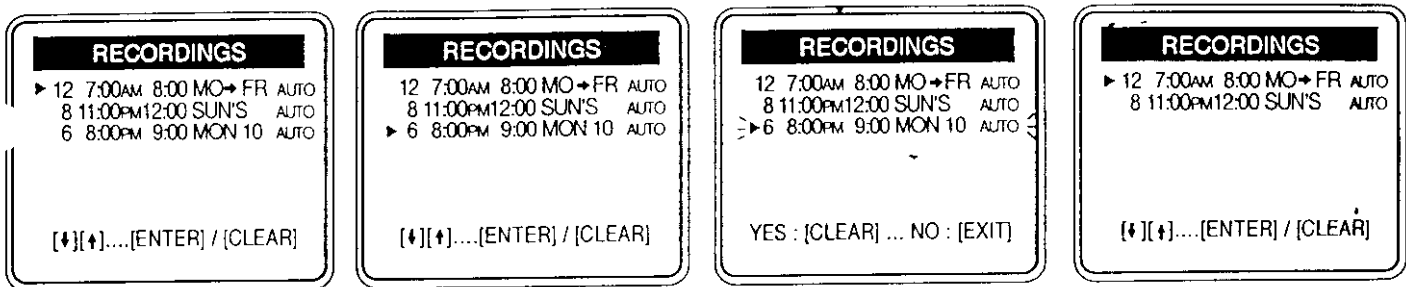
Press [PROG] to complete

Recording a Program - To Correct a Timer Program

To Erase a Timer Program

 erases a timer program that has become out-of-date or which is no longer useful.

- 1 Press  for the Main Menu. Then press  to select Timer recording list.
- 2 Select the program you want to erase by using  . For example, press  twice to select the third program.
- 3 Press  and the selected program begins to flash.
- 4 Press  to erase.

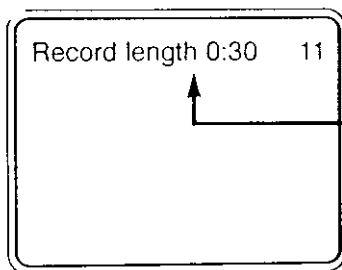


- 5 Press  to finish.

One Touch Recording (OTR)


One touch recording lets you record up to four hours without using the timer program feature. The VCR will turn off automatically at the end of the recording.

Press RECORD	Display	Recording Time
ONCE	RECORD	Normal Rec
TWICE	0:30	30 min
3 TIMES	1:00	1 hr
4 TIMES	1:30	1 hr & 30 min
5 TIMES	2:00	2 hrs
6 TIMES	3:00	3 hrs
7 TIMES	4:00	4 hrs
8 TIMES	RECORD	OTR off (Normal REC)



Display on TV screen

Each press increases the time - from 30 minutes up to four hours. You can increase the amount of recording time by pressing REC on the remote or on the VCR.

For stopping a recording in progress, press  on the remote or on the VCR.

Copying - To Connect Two VCRs

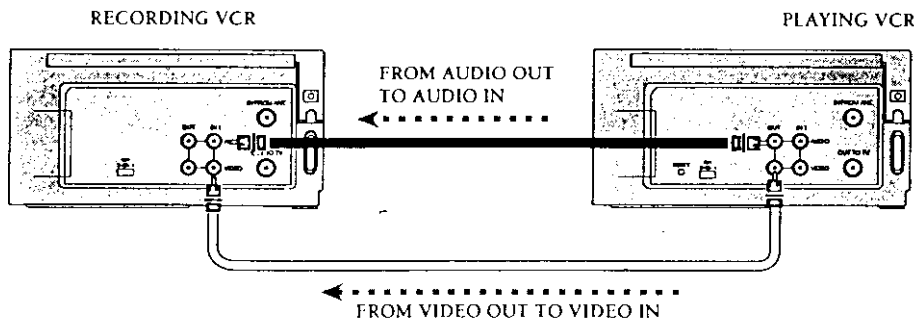
When copying cassettes, use your Samsung VCR to record and the other VCR to play the cassette.

To Connect Two VCRs

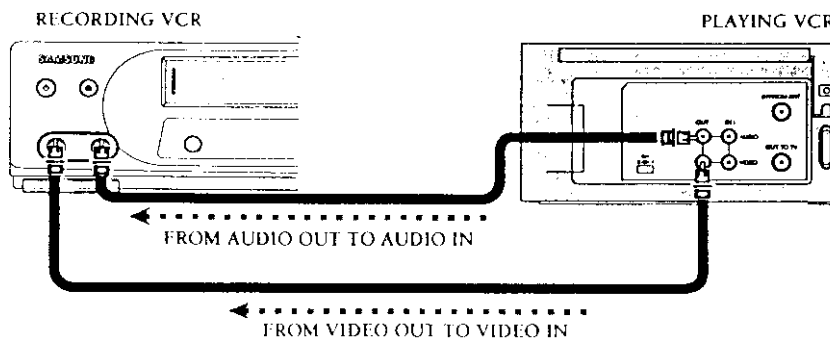
For better picture and sound use RCA-type cables. When using a Hi-Fi playback VCR, use the AUDIO L output.

- 1 Locate the AUDIO LINE IN and VIDEO LINE IN terminals on the front(or rear) of your Samsung recording VCR, and the AUDIO LINE OUT, VIDEO LINE OUT terminals on the rear of the playback VCR.
- 2 Connect a cable from your Samsung VCR's AUDIO LINE IN terminal to the playback VCR's AUDIO LINE OUT terminal.
- 3 Connect a cable from your Samsung VCR's VIDEO LINE IN terminal to the playback VCR's VIDEO LINE OUT terminal.


Using LINE1 or LINE



Using LINE2



When you plug an RCA cable on the front of your VCR, it automatically changes the input to LINE2.

If it is necessary, press  to select LINE or LINE1 on the TV screen for using the terminal on the rear of your VCR and select LINE2 on the TV screen for using the terminal on the front of your VCR.

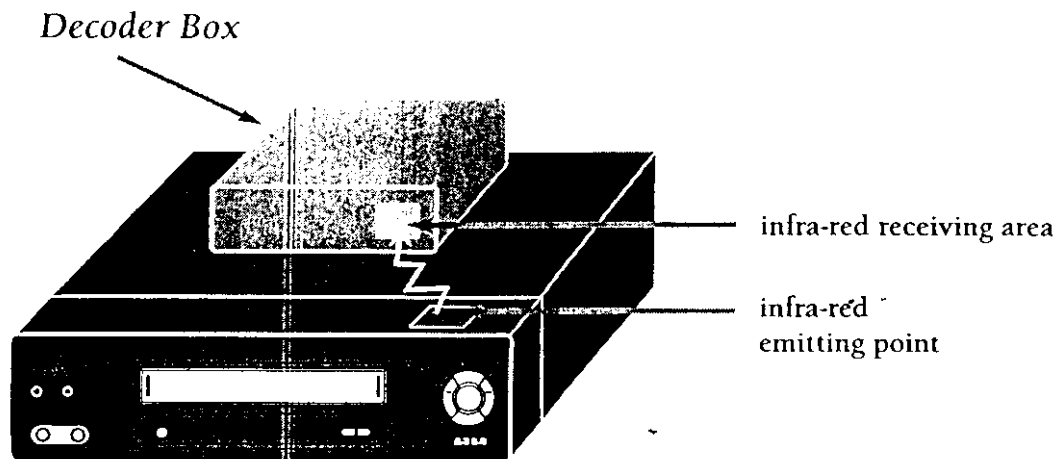
Option Feature - To Control a Cable Decoder Box

To Control a Cable Decoder Box

Leave the cable decoder box power on at all times.

You can select cable channels from the cable box by operating this VCR.

It is also possible to automatically change the cable channels according to your program setting in the timer program recording.



Put the cable box on the top of the VCR as shown up. Do not block the sensor window.

The VCR sends out infrared signals to your cable box even during timer program recording.

- If the channels cannot be controlled properly because the infrared signal fails to reach the cable box, change the position of the box on the VCR so that it can receive the signal.

MAIN MENU

- ▶ Timer recording list
- Clock set/adjust
- Channel setup
- VCR function setup
- Language : English
español
français

Use [↓][↑]...and [ENTER]
Press [EXIT] when done

CHANNEL SETUP

- ▶ Ant/Cable: [ANTENNA]
- Auto channel memory
- Channel Add/Delete
- Guide channel setup
- Cable Box setup

Use [↓][↑]...and [ENTER]
Press [EXIT] when done

CLOCK SET/ADJUST

..... Before starting

- Turn cable box ON, and tune it to channel [02]
- VCR must be in the STOP mode








Press [ENTER] when ready

CLOCK SET/ADJUST

CH OUT : [3] BRAND : [- -]

▲
Cable box output channel

Use [↑][↓] to adjust
Press [ENTER] when done

- Turn the VCR, TV and Cable decoder box on.
- Press . The remote is now in VCR mode.
- Press  for the MAIN MENU.
- Press  to select Channel Setup.
- Press  to select Cable Box Setup.
- Press  when ready.
- Press  to set the cable box output channel, if necessary. This is normally 03. Press  to confirm.

Option Feature - To Control a Cable Decoder Box

CABLE BOX SETUP

CH OUT : [3] BRAND : [- -]

▲

Cable box brand code
(Check User's Guide)

To correct use [+]

CABLE BOX SETUP

CH OUT : [3] BRAND : [43]

▲

Cable box output channel

Press [PROG] to TEST

Adjust code with [↑][↓]

CLOCK SET/ADJUST

CH OUT : [3] BRAND : [43]


▲


If cable box changed to
channel [9], press[ENTER]

If not, repeat test with
OTHER codes

Adjust code with [↑][↓]

8 Press two number buttons to set a cable box brand code, using the chart below.
For example: Samsung is 40, 41, 42, 43, 45.

9 Press  to test.

10 The cable box display will change to 09, then
press , 09 indicates that programming has been successfully completed.

11 Turn the VCR power off.

If the VCR has Auto Clock Set function, the cable box will cycle through channels until reaching the PBS channel carrying the coordinated universal time data. Once the channel is reached, the VCR clock will be set automatically.

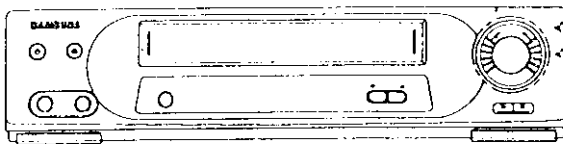
There may be some cable boxes in the chart below that can not be controlled.

Cable Box Set Up Chart

Brand	Code	Brand	Code
ANVISION	2, 3, 4, 5, 6, 7, 8, 9, 10, 11	PULSER	49, 50
ARCHER	48, 49, 50	RANDTEK	2, 3, 4, 5, 6, 7, 8, 9, 10, 11
CABLESTAR	2, 3, 4, 5, 6, 7, 8, 9, 10, 11	RCA	35, 36, 37, 38
CABLE VIEW	49, 50	REGAL	77, 78, 79
CITIZEN	49, 50	REMBRANDT	52
CURTIS	30, 31, 32, 33	SAMSUNG	40, 41, 42, 43, 45
DIAMOND	90, 91	Scientific Atlanta	30, 31, 32, 33
EAGLE	2, 3, 4, 5, 6, 7, 8, 9, 10, 11	SHERITECH	73, 74, 75
EASTERN	75	SL MARK	40, 41, 42, 43
GC BRAND	49, 50	SPRUCER	35, 36, 37, 38
GEMINI	93, 94	STARGATE	40, 41, 42, 43, 44
General Instruments	17, 18, 19, 20, 21, 22, 23	SYLVANIA	88
HAMLIN	84, 85	TEKNIKA	97
HITACHI	13, 14, 15	TELECATION	98
JERROLD	17, 18, 19, 20, 21, 22, 23, 24	TELEVIEW	40, 41, 42, 43
MACOM	13, 14, 15	TEXSCAN	87, 88
MAGNAVOX	2, 3, 4, 5, 6, 7, 8, 9, 10, 11	TOCOM	56, 57, 58, 59, 60
MOVIE TIME	52, 53, 54	TOSHIBA	96
NSC	53, 54	UNIKA	46, 47, 48, 49, 50
OAK	62, 63, 64, 65, 66	UNIVERSAL	68, 69, 70, 71
OAK SIGMA	66	VIDEOWAY	25, 26, 27, 28
PANASONIC	35, 36, 37, 38	VIEWSTAR	2, 3, 4, 5, 6, 7, 8, 9, 10, 11
PHILIPS	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11	WARNER AMEX	35
PIONEER	81, 82	ZENITH	25, 26, 27, 28

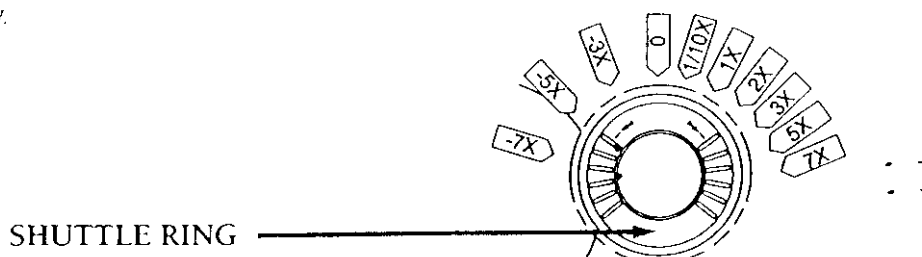
Option Feature - Using the Shuttle Ring

The Shuttle ring allows one-touch playback at selected speeds, from still picture to forward/reverse picture search.



Using the Shuttle Ring

- 1 During playback, turn and hold the Shuttle ring clockwise to advance forward or counter-clockwise for reverse playback. Playback speed is determined by how far, to the right or left, the dial is turned as shown below.



- 2 When the Shuttle ring is released, it returns to the center position and the tape returns to its initial mode.

Cleaning and Care

- ▶ Unplug your VCR from the wall outlet before cleaning.
- ▶ Use a dry cloth when dusting your VCR.
- ▶ Proper ventilation ensures that overheating will not damage electronic circuits.
- ▶ Take care of your remote control. Keep the remote with your VCR, where it is unlikely to be lost or damaged.
- ▶ Keep liquids away from your VCR, including beverages and cleaning liquids. Spilling any liquid on the VCR can damage the electronics, resulting in an electric shock or fire.
- ▶ Do not use liquid or aerosol cleaners that can accidentally get into the VCR, causing damage or creating a fire hazard.

Do not allow any object to be pushed into the cabinet slots. This includes coins, dusters, cleaning cloths, papers and other objects.

These can connect with a voltage point inside the VCR, causing dangerous shocks, or may short out parts and cause a fire or an electric shock.

Video Head Cleaning

If poor pictures appear on a variety of cassettes, the video heads may need cleaning. This is not a common problem and unless it appears, the heads should not be cleaned. If necessary, purchase a head-cleaning cassette. If the picture quality does not improve after cleaning, call 1-800-SAMSUNG for service.

When cleaning the video heads, read all instructions provided with the head-cleaning cassette. Incorrect head cleaning can permanently damage the video heads.

Video Cassettes

- ▶ High quality, brand-name cassettes often last longer and provide a better picture.
- ▶ Rewind your cassettes all the way so that the tape is not at a midpoint. This can extend the life of a cassette tape.
- ▶ Do not touch or splice the tape. This can damage the tape, and playing such a tape can damage your VCR.
- ▶ Do not take apart any cassette you plan to use again.
- ▶ Do not put any object inside a video cassette case and do not clean inside the cassette. This can permanently damage the tape, making it unusable.

Before you call for service

Before Calling for Service, check your VCR to see if the problem can be fixed with a simple adjustment.

<i>Problem</i>	<i>Solution</i>
<i>No power</i>	Make sure the VCR is on and the plug is connected to an operating wall outlet. Check the remote for new batteries.
<i>A cassette cannot be inserted.</i>	Press EJECT to see if a cassette is already in the VCR. Make sure the cassette is window side up, with the arrow pointing toward the VCR, away from you.
<i>A timer recording did not record.</i>	Review the recording program for accuracy. Make sure the VCR is in the STOP mode or Power off mode before recording. Check if there was a power failure or broadcast scheduling change.
<i>No picture, or a distorted picture on playback</i>	Check if the cassette recorded any picture. Press TRACKING to adjust the picture. Press TV/VCR for VCR viewing. Set the TV channel to the same channel as the VCR Channel Output switch. Make sure the TV is working properly.
<i>No TV broadcast picture</i>	Press TV/VCR for TV viewing. Check all cabling between VCR, antenna/Cable and TV. Make sure the TV is on.
<i>Streaks (noise) on a taped program.</i>	Press TRACKING to adjust the picture. Check all connections. View another cassette. If the problem is not specific to one cassette, clean the video heads. Copy protection schemes can distort the picture. If you rent a cassette with bad copy protection, take it back to the rental store for a possible credit or refund.
<i>Streaks (noise) or jitter with the VCR in P/STILL mode</i>	Press TRACKING to adjust the picture.
<i>The VCR will not PLAY, RECORD, REWIND or FAST FORWARD</i>	Check if the VCR is in pause/still mode. Check if the cassette has been rewound.
<i>The VCR motor continues to run even after STOP is pressed</i>	This is normal. The video heads run for five minutes even if a cassette has been stopped.
<i>No functions</i>	Check if the VCR is in Key Lock mode.

Before Calling for Service

If your VCR shows any of the following problems, unplug the VCR and call for service:

- ▶ If the power cord or plug is damaged.
- ▶ If any liquids are spilled onto or any objects have fallen into the VCR.
- ▶ If the VCR is exposed to rain or water.
- ▶ If the VCR is dropped, or if a heavy object is dropped onto the VCR cabinet, causing damage.

If you require replacement parts, make sure the parts match those specified by Samsung. A replacement part must have the same characteristics as the original if the VCR is to function safely and properly. Incorrect parts can create electric shocks and present a fire hazard.

If all else fails, unplug your VCR from the wall outlet and call 1-800-SAMSUNG for service. After servicing, ask the service technician to perform a routine safety check to make sure that your VCR is functioning properly and safely.

Do not attempt to service your VCR yourself. Opening or removing covers can expose you to dangerous voltage and other hazards. Refer all service to qualified technicians.

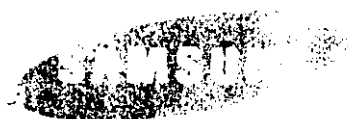
Specifications

Antenna input/output terminals	: UHF/VHF: 75 Ω F type connector
Signal system	: Standard NTSC
Recording/Playback system	: Recording: VHS format(SP, SLP) : Playback: VHS format(SP, LP, SLP)* : Video cassette with VHS mark
Record/Play Time	: 6 hours with T-120 in SLP mode
Power Source	: 110/120/220/240V AC, 50/60Hz
Power Output:	: App. 16 watts on; App. 9 watts off
Dimensions	: 360mm(W) X 94mm(H) X 280mm(D) : 14.2"(W) X 3.7"(H) X 11"(D)
Weight	: 3.2kg/7lbs

Your VCR can receive 68 broadcast TV channels or up to 125 unscrambled cable channels. Check your local cable company for complete compatibility requirements.

Type	No. of Channels	Channels List
On Air	12	VHF (Channels 2~13)
	56	UHF (Channels 14~69)
CATV	113	Channels 14~22 (A~I) Channels 23~94 (J~W+58)and 100~125(W+59-W+84) Channels 95~97 (A~5,A~4,A~3)* Channels 98~99(A~2,A~1)* Channel 01 (5A)*
Total	181	

*These channels are not available in Canada.



TRONICS