

OWNER'S MANUAL

VIDEO CASSETTE RECORDER SL220B

Symphonic

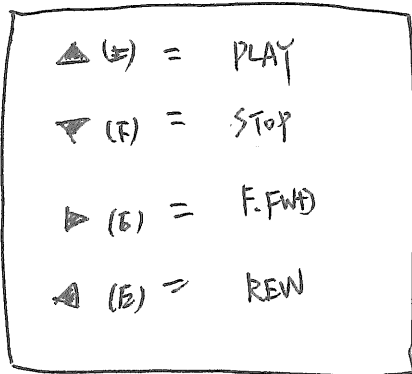



TABLE OF CONTENTS

- **IMPORTANT SAFEGUARDS**..... 2
- **PRECAUTIONS** 3
- **FEATURES** 4
- **OPERATING CONTROLS AND FUNCTIONS**..... 4
- **PREPARATION FOR USE** 6
- **INITIAL SET UP FOR USE** 7
- **SET UP FOR USE AGAIN**..... 8
- **PLAYBACK FUNCTION**..... 9
- **RECORDING FUNCTION** 10
- **TIMER RECORDING**..... 11
- **SPECIAL FEATURES**..... 12
- **TROUBLESHOOTING GUIDE**..... 12
- **SPECIFICATIONS** 13
- **MAINTENANCE**..... 13
- **INSTRUCCIONES EN ESPAÑOL**..... 14
- **WARRANTY** 16

INSTRUCCIONES EN ESPAÑOL INCLUIDAS.

SUPPLIED ACCESSORIES

ACCESSORIES	PART NO.
Coaxial Cable	WPZ0162LG006 or WPZ0102TM012
Remote Control Unit	N9373UD or N9376UD
Batteries	AA x 2

 As an ENERGY STAR® Partner, our company has determined that this product meets the ENERGY STAR® guidelines for energy efficiency. ENERGY STAR® is a U.S. registered mark.



If you need additional operating assistance after reading this owner's manual or to order replacement accessories, please call
TOLL FREE : 1-800-242-7158.

Please read before using this equipment.

FEATURES

Hardware specifications

- Auto Head Cleaner
- Bilingual on-screen menu display selectable in English or Spanish
- 181 channel capability PLL frequency synthesizer tuner with direct station call

Automatic functions

- Auto power on and off system
- Digital Auto Tracking (DTR)

Playback

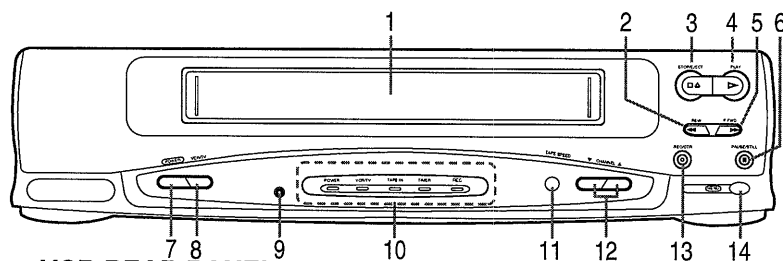
- S-VHS Quasi Playback (SQPB)
- Auto Repeat
- 2 Step Picture Search Operation

Recording

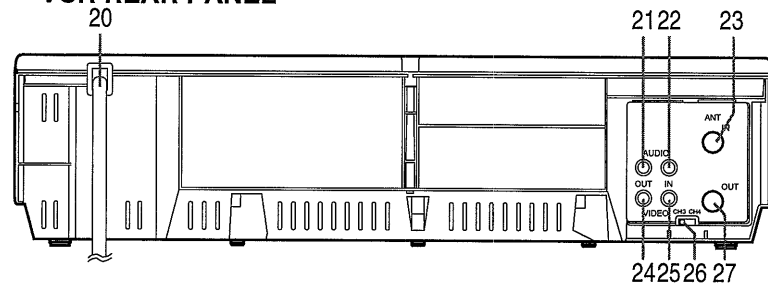
- 1 Year, 7 events (including Daily and Weekly Timer Recording)
- OTR (One Touch Recording)

OPERATING CONTROLS AND FUNCTIONS

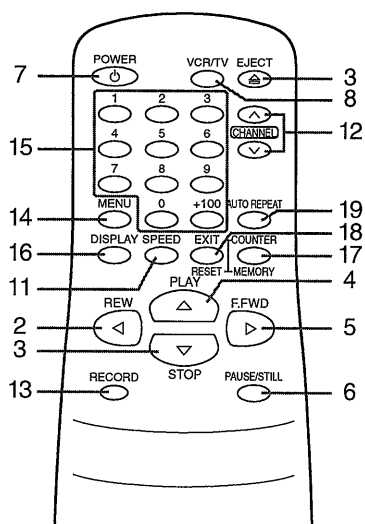
— VCR FRONT PANEL —



— VCR REAR PANEL —



— REMOTE CONTROL —



1. Cassette Compartment

2. REW button— Press to rewind the tape, or to view the picture rapidly in reverse during the playback mode. (Rewind Search)

◀ button— Press to cancel a setting of timer program. Press to correct digits when setting program (For example: setting clock or timer program). Press to add or delete channel numbers during channel preset.

3. EJECT button— Press to remove the tape from the VCR.

STOP button— Press to stop the tape motion.

▼ button— Press to enter digits when setting program (For example: setting clock or timer program). Press to select the setting modes from the on screen menu.

4. PLAY button— Press to begin playback.

▲ button— Press to enter digits when setting program (For example: setting clock or timer program). Press to select the setting modes from the on screen menu.

5. F.FWD button— Press to rapidly advance the tape, or view the picture rapidly in forward during playback. (Forward Search)

▶ button— When setting program (For example: setting clock or timer program), press to determine your selection and proceed to the next step you want to input. Press to determine the setting modes from the on screen menu. Press to add or delete channel numbers during channel preset.

PREPARATION FOR USE

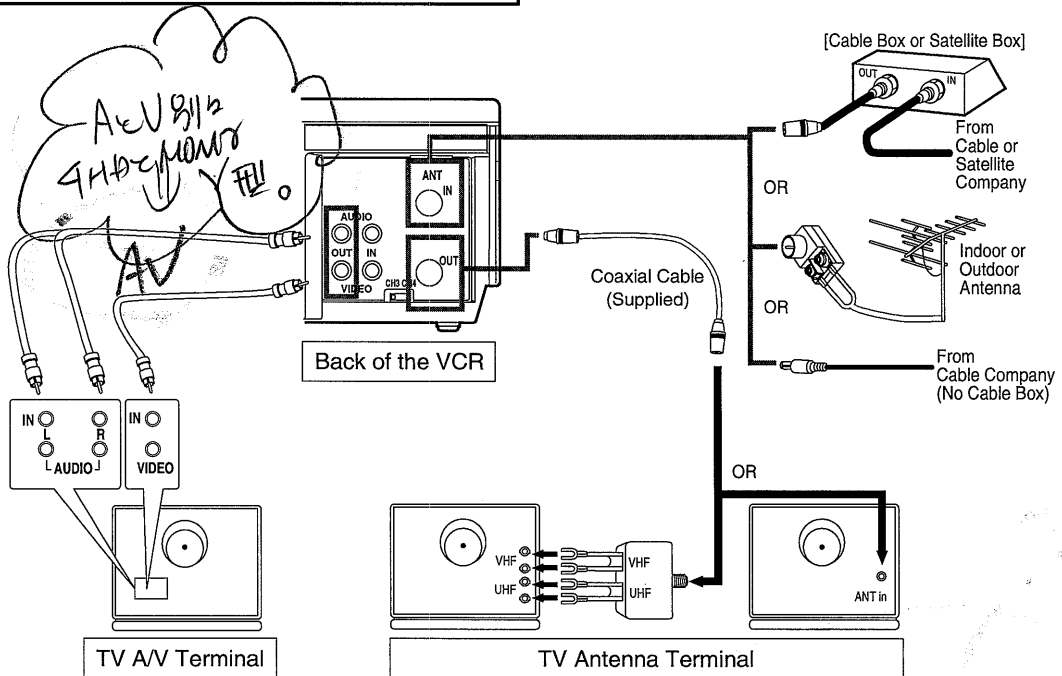
diagram below

ANTENNA/CABLE CONNECTIONS

For some of the most common types of connections, please refer to the following. Use only one connection. For any further complex connections, please contact your local dealer. (You may need additional accessories which are not supplied).

- 1 Disconnect the antenna or cable from your TV.
- 2 Connect the antenna or cable to the ANT.IN (Top jack) of your VCR.
- 3 Connect one end of the coaxial cable (supplied) to the ANT.OUT (Bottom jack) of your VCR.
- 4 Connect the other end of the coaxial cable (supplied) to the UHF/VHF antenna jack of your TV.

Basic Connections



USING OPTIONAL AUDIO/VIDEO OUTPUT JACKS

If your TV has A/V input jacks, you may connect your VCR's AUDIO/VIDEO OUTPUT jacks to the audio/video input jacks on back of your TV.

Direct audio/video connections usually result in a better picture and sound quality for tape playback. Please see your TV's owner's manual for A/V input connections.

USING AUDIO/VIDEO INPUT JACKS of the VCR.

You can use A/V input jacks on back panel.
 • When you connect the external source to the input jacks on back panel, select "Line-in" position for recording by pressing the 0,0 on the remote control or CHANNEL Up/Down button.

"00"

Note this

Note to CATV system installer

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC 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.

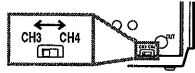
INITIAL SET UP FOR USE

SETTING THE CH3/CH4 SWITCH

If your TV does not have A/V terminals:

When the VCR is in the Playback mode or when the VCR is in the VCR position, your TV will receive signals from the VCR on either channel 3 or 4.

To use the VCR with your TV, set the selector switch to CH3 or CH4 (which is located in the back of your VCR), whichever is not used for normal broadcasts in your area. Then set your TV to the same channel.



[Back of the VCR]

AUTOMATIC CHANNEL SET UP

You can automatically program the tuner to scan only the channels you receive in your area.

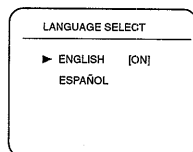
- Channel memory programming is **NOT** needed when you connected the VCR to a cable box or satellite box as in "Basic connections" on page 6. In this case, select the VCR and TV to channel 3 or 4 the same channel as the CH3 or CH4 switch on the back of the VCR. Then, the channel you want to record or view may be selected at the cable box or satellite box.
- Follow the steps below once. Repeat it only if there is a power failure or if the VCR is unplugged for more than 30 seconds. (In these cases, the programmed channels are erased.)
- You must follow the steps below before attempting to play or record a video tape. If you want to play or record a video tape **BEFORE** programming the tuner, you can cancel it by pressing the RESET/EXIT button. To program the tuner again, see "CHANNEL SET UP AGAIN" on the next page.

1 You need to connect antenna/cable to the VCR first. Then, connect the VCR power plug into a standard AC outlet.

2 Turn on the TV and set the TV to channel 3 or 4. Now set the CH3/CH4 switch on the back of the VCR to match the channel selected on the TV.

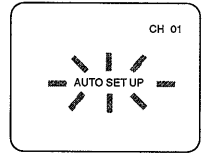
3 Turn on the VCR by pressing the POWER button. Both the POWER indicator and the VCR/TV indicator on the VCR come on.

4 Select the On Screen Language ("ENGLISH" or "ESPAÑOL") by pressing the or button. Then, press the .



5 Begin channel preset

by pressing the button once. The tuner scans and memorizes all active channels in your area.



- The VCR distinguishes between standard TV channels and cable channels.

6 After scanning, the tuner stops on the lowest memorized channel. The TV screen returns to TV mode.

- If "AUTO SET UP" appears on the TV screen again, check the cable connections. Press the button once again and the VCR will begin preset again.

TO SELECT A DESIRED CHANNEL

You can select the desired channel by using the CHANNEL Up or Down button or directly pressing the number buttons on the remote control.

Note for using the number buttons:

- When selecting cable channels which are higher than 99, press the +100 button first, then press the last two digits.
- You must precede single-digit channel numbers with a zero (For example: 02, 03, 04 and so on).

CLOCK SET UP

Set the clock accurately for proper automatic timer recording. We suggest that you use a TV or radio station as your time source.

1 Select main menu by pressing the MENU button. (If the clock is not set, the CLOCK SET menu appears first. In this case, follow step [3].)

2 Select "CLOCK SET" by pressing the or button. Then, press the .

3 Set the clock.

Set the month	Press the or button repeatedly. Then, press the .
Set the day	Press the or button repeatedly. Then, press the .
Set the year	Press the or button repeatedly. Then, press the button. The day of the week will appear automatically.
Set the hour	Press the or button repeatedly. Then, press the .
Set the minute	Press the or button repeatedly. Then, press the .
Set the AM or PM	Press the or button repeatedly.

CLOCK SET

MONTH DAY YEAR
03 / 18 MON 2001

HOUR MINUTE
05 : 40 11 PM

- To go back one step, press the .

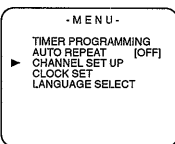
4 Start the clock by pressing the RESET/EXIT button after setting the AM or PM.

SET UP FOR USE AGAIN

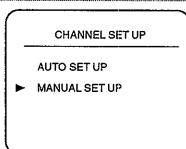
TO ADD/DELETE CHANNELS

When the VCR automatically program the tuner to scan only the channels you receive in your area, some channels may be skipped due to weak signal. You can manually add the channel in the VCR memory. (Of course, you can later delete the added channel from the memory again.)

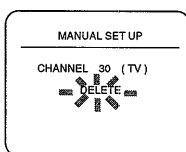
1 Select main menu by pressing the MENU button.



2 Select "CHANNEL SET UP" by pressing the ▲ or ▼ button. Then, press the ► button.

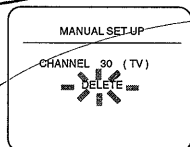


3 Select "MANUAL SET UP" by pressing the ▲ or ▼ button. Then, press the ► button.

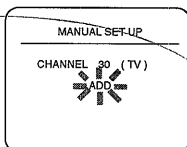


4 Enter the desired channel number by pressing the ▲ or ▼ button.

5 Add or Delete it from memory by pressing the ► or ◀ button so that "ADD" or "DELETE" flashes on the TV screen accordingly.



- DELETED -

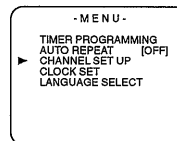


- MEMORIZED -

6 Exit the preset mode by pressing the RESET/EXIT button.

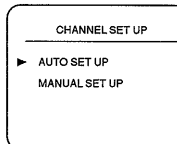
CHANNEL SET UP AGAIN

1 Select main menu by pressing the MENU button.



2 Select "CHANNEL SET UP" by pressing the ▲ or ▼ button. Then, press the ► button.

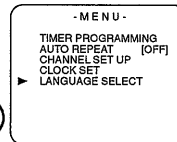
3 Select "AUTO SET UP" by pressing the ▲ or ▼ button. Then, press the ► button. After scanning, the tuner stops at the lowest memorized channel.



- The VCR distinguishes between standard TV channels and cable channels.

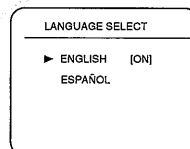
SELECTING THE ON SCREEN LANGUAGE

1 Select main menu by pressing the MENU button.



2 Select "LANGUAGE SELECT" by pressing the ▲ or ▼ button. Then, press the ► button.

3 Select the On Screen Language ("ENGLISH" or "ESPAÑOL") by pressing the ▲ or ▼ button.



4 Exit the preset mode by pressing the RESET/EXIT button.

PLAYBACK FUNCTION

NORMAL PLAYBACK

1 Insert the prerecorded tape.

The VCR will turn on. If the safety tab has been removed, the VCR will start playback automatically.



2 Turn on the TV and set the TV to channel 3 or 4.

Now set the CH3/CH4 switch on the back of the VCR to match the channel selected on the TV.

3 Begin playback by pressing the PLAY button.

- Tracking adjustment will be set automatically (Digital Tracking function) when you start playback. To adjust the tracking manually, press the CHANNEL Up or Down button **on the VCR**.
- When a tape has reached the end, the VCR will rewind the tape to the beginning, eject the tape, and turn off the VCR automatically.
- S-VHS Quasi Playback (SQPB)
This unit allows you to view a tape recorded in S-VHS format. (Noise lines may appear on the picture.)

4 To stop playback, press the STOP button.

STILL

You can freeze the picture on TV screen by pressing the PAUSE/STILL button during playback.

- Usually there will be video "noise" lines (black and white streaks or dots) on the screen. **This is not a fault of the machine but is a by-product of the technology involved in producing a 2 Head VCR.** Only a tape recorded in the SLP mode will show a clear picture. You can change position of the noise lines on a still picture by pressing the PAUSE/STILL button repeatedly.
- After the VCR has been in Still mode for 5 minutes, it will stop automatically to protect the tape and the video head.
- To return playback, press the PLAY button.

AUTO REPEAT PLAYBACK

Use this feature allows you to play a tape over and over.

- 1) Select main menu by pressing the MENU button.
- 2) Select "AUTO REPEAT" by pressing the **▲ or ▼** button.
- 3) Begin auto repeat playback by pressing the **▶** button so that [ON] will appear next to "AUTO REPEAT" on the TV screen.
 - If the on-screen menu still remains, press the RESET/EXIT button to exit the menu.
 - You can set AUTO REPEAT to ON or OFF by pressing the AUTO REPEAT button on the remote control.
 - To cancel the auto repeat mode, press the **▶** button at step [3] so that [OFF] appear next to "AUTO REPEAT" on the TV screen.
 - When you set the auto repeat mode to [ON] while the counter memory mode is ON, the VCR will exit the counter memory mode automatically.

PICTURE SEARCH

If you jump or repeat the some scene in the playing program, press the F.FWD or REW button.

- Press it again and the VCR will now search in super high speed. (in the LP / SLP modes only)

RECORDING FUNCTION

Before recording, make sure:

- The desired channel is selected by pressing the number buttons on the remote control or the CHANNEL Up/Down button. (If you connected the VCR to a cable box or satellite box as in "Basic connections" on page 6, select the VCR to channel 3 or 4 the same channel as the CH3 or CH4 switch on the back of the VCR. Then, select the channel you want to record at the cable box or satellite box. In this case, you can ONLY record and view the SAME channel.)
- There is a tape with its safety tab into the VCR.
- The desired recording speed is selected in SP(stand-play) or SLP(super long play) mode by pressing the TAPE SPEED button.

Tape Speed	Recording/Playback Time			
	Type of tape	T60	T120	T160
SP mode		1 hour	2 hours	2-2/3 hours
SLP mode		3 hours	6 hours	8 hours

VIEWING AND RECORDING THE SAME PROGRAM

- 1) Begin the recording by pressing the RECORD button.
 - To temporarily stop recording or resume it, press the PAUSE/STILL button. After the VCR has been in Pause mode for 5 minutes, it will stop automatically to protect the tape and the video head.
- 2) Stop the recording by pressing the STOP button when recording is completed.

OTR(One Touch Recording)

This function enables you to set the recording length simply by pressing the REC/OTR button on the VCR.

- 1) Begin OTR by pressing the REC/OTR button on the VCR repeatedly until the desired recording length appears.
 - Recording stops when 0:00 is reached.

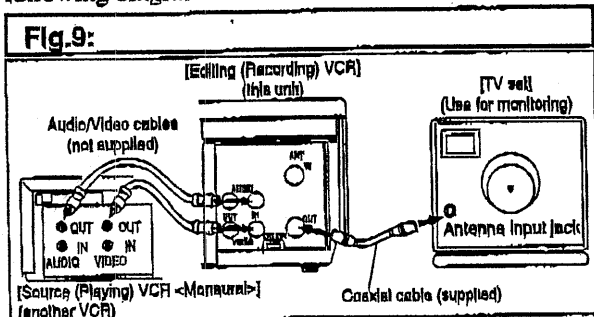
Press	Display	Recorded Length
1 press		(normal recording)
2 presses	0:30	30 minutes
3 presses	1:00	60 minutes
↓	↓	↓
17 presses	8:00	480 minutes
18 presses		(normal recording)

COPYING A VIDEO TAPE

You can make copies of video tapes made by friends or relatives for your enjoyment.

Warning: Unauthorized recordings of copyrighted video tapes may be an infringement of copyright laws.

Connect the editing (recording) VCR (this unit), source (playing) VCR (another VCR) and your TV using the following diagram.



- 1) Insert a pre-recorded video cassette into the source (playing) VCR.
- 2) Insert a blank video cassette, or one you want to record over, into the editing (recording) VCR cassette compartment.
- 3) Press the TAPE SPEED button on the editing (recording) VCR to select the desired recording speed

4) Select the "Line In Rear (L1)" position on the editing (recording) VCR. See page 15, under "Connecting to input jacks".

5) Press the REC button on the editing (recording) VCR.

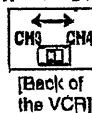
6) Begin playback of the tape in the source (playing) VCR.

- For best results during dubbing, use the VCR's front panel controls whenever possible. The remote control might affect the playback VCR's operation.
- Always use video-quality shielded cables with RCA-type connectors. Standard audio cables are not recommended.
- You can use a video disc player, satellite receiver, or other audio/video component with A/V outputs in place of the playback VCR.

TO MONITOR THE RECORDING

1) Turn on the TV and set the TV to channel 3 or 4. Now set the CH3/CH4 switch on the back of the VCR to match the channel selected on the TV.

2) Press the VCR/TV button on the editing (recording) VCR so that the "VCR" indicator on the display comes on.



TIMER RECORDING

You may set the VCR to start and end time for a recording while you are away. You can set seven programs to record on specific days, daily or weekly within a 1 year period.

- 1) Insert a tape with its safety tab into the VCR.
- 2) Select main menu by pressing the MENU button.
- 3) Select "TIMER PROGRAMMING" by pressing the ▲ or ▼ button. Then, press the ► button.
- If you have not yet set the clock, "CLOCK SET" appears. If so, follow the steps [3] and [4] in "CLOCK SET UP" section. Then, set the timer recording.
- 4) Set the timer.

HINTS FOR TIMER RECORDING

- If there is a power failure or the VCR is unplugged for more than 30 seconds, the clock setting and all timer settings will be lost.
- If the tape runs out before the end time, the VCR will switch to the Stop mode immediately, eject the tape and the VCR power will be turned off. The TIMER indicator will flash.
- If a tape is not in the VCR or does not have the safety tab, the TIMER indicator flashes and timer recording cannot be performed. Please insert a recordable tape.

TO STOP A STARTED AUTOMATIC TIMER PROGRAM

Press the STOP/EJECT button on the VCR.

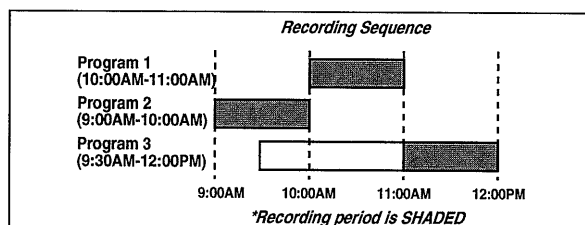
TO CHECK, CORRECT, OR CANCEL AN AUTOMATIC TIMER PROGRAM

- 1) Turn the power on.
- 2) Select main menu by pressing the MENU button.
- 3) Select "TIMER PROGRAMMING" by pressing the ▲ or ▼ button. Then, press the ► button.
- 4) Select the program number which you want to check by pressing the ▲ or ▼ button. The details of the selected program appears on the TV screen.
 - Go to the digit you want to change by pressing the ► or ◀ button. Then, enter correct numbers by pressing the ▲ or ▼ button.
 - You may cancel the entire program by pressing the ◀ button during the program number flashes.
- 5) Press the RESET/EXIT button to exit.
- 6) Press the POWER button to return to timer stand-by mode.

AVOID OVERLAP OF PROGRAMS ...

There is a case that a program will not be performed. When programs overlap:

- The program with the earliest start time has priority.
- Once the earliest program finishes, the overlapping program with the lower number will begin recording in sequence.
- The illustration below demonstrates the sequence of recordings.



Set the program number (1-7)
 Program number which is not set up flashes. Press the ▲ or ▼ button repeatedly for the desired program number. Then, press the ► button.

Select once, daily or weekly recording
 • For once: Press the ▲ or ▼ button to point to "ONCE".
 • For daily (Monday-Friday): Press the ▲ or ▼ button to point to "DAILY".
 • For weekly: Press the ▲ or ▼ button to point to "WEEKLY". Then, press the ► button.

Set the date
 First, press the ▲ or ▼ button for the month, then, press the ► button. Next, press the ▲ or ▼ button for the day. Then, press the ► button.

Set the start time
 First, press the ▲ or ▼ button for the hour, then, press the ► button. Next, press the ▲ or ▼ button for the minute, then, press the ► button. And then, press the ▲ or ▼ button for AM or PM. Then, press the ► button.

Set the end time
 Follow the instructions of "Set the start time" to set the end time.

Set the channel number
 Press the ▲ or ▼ button repeatedly for the desired channel number. Then, press the ► button.
 • If you connected the VCR to a cable box or satellite box as in "Basic connections" on page 6, select the VCR to channel 3 or 4 the same channel as the CH3 or CH4 switch on the back of the VCR. Then, select the channel you want to record at the cable box or satellite box. Leave the cable box or satellite box on for timer recording.

Set the tape speed
 Press the ▲ or ▼ button repeatedly for the desired tape speed. Then, press the ► button.

- To go back one step, press the ◀ button.
- 5) To set another program, repeat step [4]. To exit, press the RESET/EXIT button.
 - 6) Press the POWER button to set the timer. The TIMER indicator on the VCR comes on.

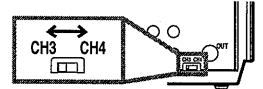
CONEXIONES DE ANTENA/TELEVISIÓN POR CABLE

Para conocer algunos de los tipos de conexión más comunes, consulte las explicaciones siguientes. Utilice solamente una conexión. Para hacer conexiones más complejas, consulte a su concesionario local. (Tal vez necesite accesorios adicionales que no han sido incluidos.)

NOTA: Para obtener más información, consulte la sección "Conexiones de antena/televisión por cable" en la página 6.

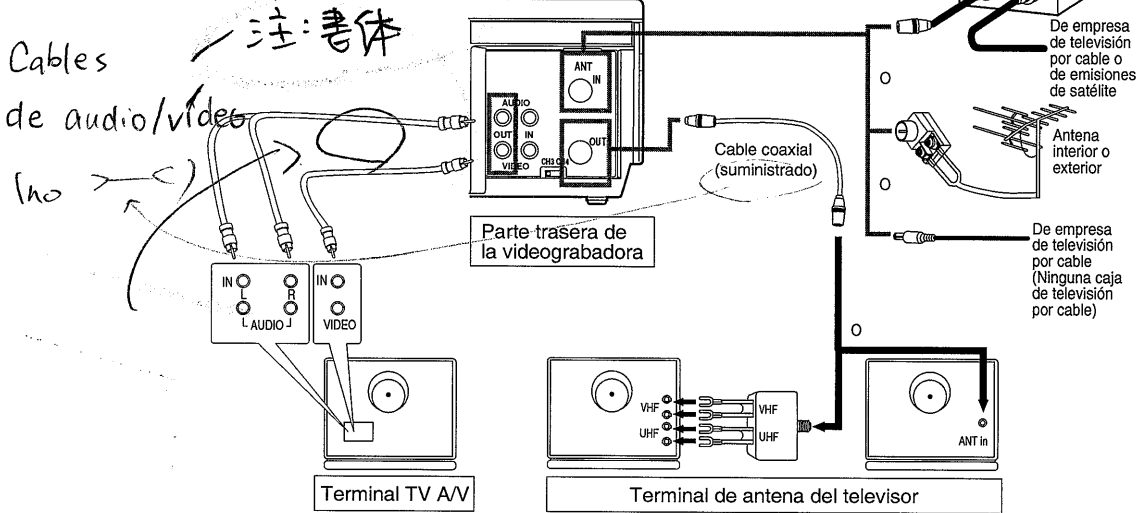
1. Desconecte la antena o la caja de televisión por cable de su televisor.
2. Conecte la antena o la caja de televisión por cable a ANT.IN (toma superior) de su videgrabadora.

3. Conecte un extremo del cable coaxial (suministrado) a ANT.OUT (toma inferior) de su videgrabadora.
4. Conecte el otro extremo del cable coaxial (suministrado) a la toma de antena UHF/VHF de su televisor.
5. Si su televisor no tiene terminales A/V: Ponga el conmutador selector en CH3 o CH4 (en la parte trasera de su videgrabadora), el que no se utilice para las emisiones normales en su zona. Luego ajuste el televisor al mismo canal.



[Parte trasera de la videgrabadora]

Conexiones básicas



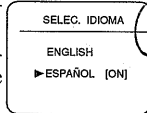
PREPARACIÓN DE CANALES

(La antena o la caja de televisión por cable deberá estar conectada)

NOTA: Cuando utilice su nueva videgrabadora por primera vez, o en el caso de ser necesario después de producirse un fallo en la alimentación, la videgrabadora se pondrá inicialmente en el modo de preajuste cuando se pulse el botón POWER.

Si conecta una caja de televisión por cable o una caja de emisiones vía satélite, consulte la sección "Preparación automática de canales" del manual del propietario.

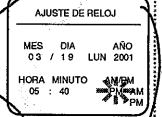
1. Encienda el televisor y ponga el televisor en el canal 3 ó 4. Ahora ponga el conmutador de la parte trasera de la videgrabadora para que concuerde con el canal seleccionado en el televisor.
2. Pulse el botón POWER para encender la videgrabadora.
3. Seleccione "ENGLISH" o "ESPAÑOL" (Spanish) pulsando el botón ▲ o ▼. Y luego pulse el botón ►.
4. Pulse una vez el botón ►. El sintonizador explora y memoriza todos los canales activos de su zona. Tras la exploración, el sintonizador se detiene en el canal memorizado más bajo.



PREPARACIÓN DEL RELOJ

1. Pulse el botón MENU hasta que aparezca el menú principal. (Si el reloj no está puesto en hora y se pulsa el botón MENU, el menú AJUSTE DE RELOJ aparece en primer lugar. En este caso, siga el paso 3.)
2. Pulse el botón ▲ o ▼ para indicar a "AJUSTE DE RELOJ". Luego, pulse el botón ►.
- 3.

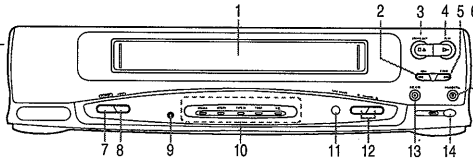
Ajuste el mes.	Pulse repetidamente el botón ▲ o ▼. Luego, pulse el botón ►.
Ajuste el día.	Pulse repetidamente el botón ▲ o ▼. Luego, pulse el botón ►.
Ajuste el año.	Pulse repetidamente el botón ▲ o ▼. Luego, pulse el botón ►.
Ajuste la hora.	Pulse repetidamente el botón ▲ o ▼. Luego, pulse el botón ►.
Ajuste el minuto.	Pulse repetidamente el botón ▲ o ▼. Luego, pulse el botón ►.
Ajuste la mañana (AM) o la tarde (PM).	Pulse repetidamente el botón ▲ o ▼.



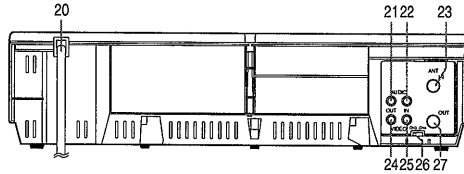
4. Después de establecer AM o PM, pulse el botón RESET/EXIT o ► para poner en funcionamiento el reloj.

CONTROLES DE FUNCIONAMIENTO Y FUNCIONES

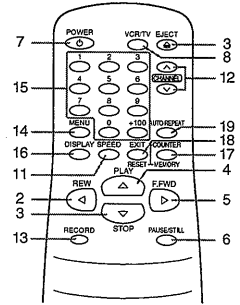
— PANEL DELANTERO DE LA VIDEOGRABADORA —



— PANEL TRASERO DE LA VIDEOGRABADORA —



— MANDO A DISTANCIA —



1. **Compartimiento del videocasete**
2. **Botón de rebobinado (REW)** - Púlselo para rebobinar la cinta o para ver rápidamente la imagen en retroceso durante el modo de reproducción. (Búsqueda con rebobinado)
3. **Botón de expulsión (EJECT)** - Púlselo para sacar el videocasete de la videograbadora.
Botón de parada (STOP) - Púlselo para detener la cinta.
4. **Botón de reproducción (PLAY)** - Púlselo para introducir los dígitos cuando establezca programas (por ejemplo: puesta en hora del reloj o un programa de temporizador). Púlselo para seleccionar los modos de ajuste en el menú en pantalla.
5. **Botón de reproducción (PLAY)** - Púlselo para introducir los dígitos cuando establezca programas (por ejemplo: puesta en hora del reloj o un programa de temporizador). Púlselo para seleccionar los modos de ajuste en el menú en pantalla.
6. **Botón de avance rápido (F.FWD)** - Púlselo para avanzar rápidamente la cinta o para ver rápidamente la imagen en avance durante la reproducción. (Búsqueda en avance)
7. **Botón de alimentación (POWER)** - Cuando establezca un programa (por ejemplo: puesta en hora del reloj o un programa de temporizador), púlselo para determinar su selección y proseguir con el siguiente paso que desee introducir. Púlselo para determinar los modos de ajuste del menú en pantalla. Púlselo para añadir o borrar números de canales durante el preajuste de canales.
8. **Botón de pausa/imagen fija (PAUSE/STILL)** - Púlselo para detener temporalmente la cinta durante la grabación o para ver una imagen fija durante la reproducción.
9. **Botón de la alimentación (POWER)** - Púlselo para encender y apagar la videograbadora. Púlselo para activar la grabación con temporizador cuando ésta haya sido establecida.
10. **Botón de videograbadora/televisor (VCR/TV)** - Púlselo para seleccionar el modo de la videograbadora (VCR) o del televisor (TV).
Posición VCR: para ver la reproducción, comprobar las grabaciones de vídeo o ver programas de TV utilizando el sintonizador de la videograbadora.
Posición TV: para ver programas de TV o para ver un programa mientras se graba otro.
11. **Ventanilla sensora del mando a distancia** - Recibe las señales infrarrojas procedentes del mando a distancia.
12. **Indicadores**
Indicador de alimentación (POWER) - Indica que la alimentación está conectada.
Indicador de videograbadora/televisor (VCR/TV) - Indica que la videograbadora está activada.
Indicador de videocasete introducido (TAPE IN) - Indica que hay un videocasete en la videograbadora.
Indicador del temporizador (TIMER) - Indica que ha sido establecida la grabación con temporizador u OTR.
Indicador de grabación (REC) - Indica que la videograbadora está grabando. Parpadea cuando la grabación ha hecho una pausa.
13. **Botón de velocidad de cinta (TAPE SPEED)** - Púlselo para elegir la velocidad de grabación deseada: SP/SLP.

14. **Botones de selección de canales (CHANNEL)** - Púlselos para seleccionar los canales deseados para ver o grabar.
Función de seguimiento - Pulse los botones para minimizar el "ruido" de vídeo (líneas o puntos en la pantalla) durante la reproducción (sólo en la videograbadora). Púlselo para estabilizar la imagen en el modo de imagen fija cuando ésta empieza a vibrar verticalmente.
15. **Botón de grabación (RECORD)** - Púlselo para realizar la grabación manual.
Botón de grabación con un toque (OTR) - Púlselo para activar la grabación con un toque. (Sólo en la videograbadora)
16. **Botón de menús (MENU)** - Púlselo para visualizar los menús en la pantalla del televisor. Y vuelva a pulsarlo para salir de los menús de la pantalla del televisor.
17. **Botones de números (NUMBER)** - Púlselos para seleccionar los canales deseados para ver o grabar. Para seleccionar los canales del 1 al 9, pulse primero el botón "0" y luego el botón 1 a 9. (Sólo en el mando a distancia)
Botón +100 - Cuando seleccione canales de televisión por cable cuyo número sea superior al 99, pulse primero este botón, y luego pulse los dos últimos dígitos. (Para seleccionar el canal 125, pulse primero el botón "+100" y luego el "2" y el "5"). (Sólo en el mando a distancia)
18. **Botón del visualizador (DISPLAY)** - Púlselo para visualizar en la pantalla del televisor la hora actual, el número del canal, el contador de cinta en tiempo real y otra información. (Sólo en el mando a distancia)
Cada vez que pulse este botón, la pantalla del televisor cambiará. La visualización del estado (PARAR, REPRODUCIR, etc.) y la visualización de velocidad de la cinta [SP, LP (reproducción solamente) o SLP] desaparecerá después de 5 segundos.
19. **Botón de memoria del contador (COUNTER MEMORY)** - Púlselo para activar y desactivar la memoria del contador. (Sólo en el mando a distancia)
20. **Botón de reposición del contador (COUNTER RESET)** - Púlselo para reponer el contador a 0:00:00. (Sólo en el mando a distancia)
Botón de salida (EXIT) - Púlselo para salir de los menús en pantalla. (Sólo en el mando a distancia)
21. **Botón de repetición automática (AUTO REPEAT)** - Púlselo para repetir automáticamente la reproducción. (Sólo en el mando a distancia)
22. **Cable de alimentación** - Conéctelo a una toma de CA estándar (120 V/60 Hz).
23. **Toma de salida de audio (AUDIO OUT)** - Conéctela a la toma de entrada de audio de su equipo de audio o de otra videograbadora.
24. **Toma de entrada de audio (AUDIO IN)** - Conéctela a la toma de salida de audio de su equipo de audio o de otra videograbadora.
25. **Terminal de entrada de antena (ANT. IN)** - Aquí se conecta una antena, sistema de televisión por cable o sistema de emisiones vía satélite.
26. **Toma de salida de vídeo (VIDEO OUT)** - Conéctela a la toma de entrada de vídeo de su videocámara o de otra videograbadora.
27. **Toma de entrada de vídeo (VIDEO IN)** - Conéctela a la toma de salida de vídeo de su videocámara o de otra videograbadora.
28. **Conmutador selector de canales CH3/CH4** - Se utiliza para seleccionar un canal de salida de vídeo (3 ó 4) para la reproducción de la videograbadora.
29. **Terminal de salida de antena (ANT. OUT)** - Conéctelo al terminal de entrada de la antena de su televisor.

Additional Correction
台目が対応し可。

FUNAI CORPORATION LIMITED WARRANTY

Funai Corporation will exchange or repair this product, at its option, in the event of defect in materials or workmanship as follows:

EXCHANGE DURATION:

1-90 DAYS: FUNAI CORPORATION will exchange for a new unit without charge for a period of ninety (90) days from the date of original retail purchase.

91-365 DAYS: FUNAI CORPORATION will exchange for a factory-service-to-new-condition unit for a charge of \$49.00 for the period of ninety one (91) days to three hundred sixty five (365) days from the date of original retail purchase.

REPAIR DURATION:

LABOR: FUNAI CORPORATION will provide the labor without charge for a period of ninety (90) days from the date of original retail purchase.

PARTS: FUNAI CORPORATION will provide parts to replace defective parts without charge for a period of one (1) year from the date of original retail purchase. Two (2) years for Picture Tube. Certain parts are excluded from this warranty.

LIMITS AND EXCLUSIONS:

This warranty is extended only to the original retail purchaser. A purchase receipt or other proof of original retail purchase will be required together with the product to obtain exchange or service under this warranty.

This warranty shall not be extended to any other person or transferee.

This warranty is void and of no effect if any serial numbers on the product are altered, replaced, defaced or missing. This FUNAI CORPORATION Limited warranty applies only to product purchased and used in the United States.

This warranty only covers failures due to defects in material or workmanship, which occur during normal use. It does not cover damage which occurs in shipment, or failures which are caused by repairs, alterations, or parts not supplied by FUNAI CORPORATION, or damage which results from accident, misuse, abuse, mishandling, misapplication, alteration, faulty installation, improper maintenance, commercial use such as hotel, rental or office use of this product, or damage which results from fire, flood, lightning or other acts of God.

THIS WARRANTY DOES NOT COVER PACKING MATERIALS, ANY ACCESSORIES (EXCEPT REMOTE CONTROL UNITS), ANY COSMETIC PARTS, COMPLETE ASSEMBLY PARTS, DEMONSTRATION OR FLOOR MODELS.

FUNAI CORPORATION AND ITS REPRESENTATIVES OR AGENTS SHALL IN NO EVENT BE LIABLE FOR ANY GENERAL, INDIRECT OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR OCCASIONED BY THE USE OF OR THE INABILITY TO USE THIS PRODUCT. THIS WARRANTY IS MADE IN LIEU OF ALL OTHER WARRANTIES INCLUDING THE WARRANTY OF MERCHANT ABILITY, AND FITNESS FOR A PARTICULAR PURPOSE, THAT ARE HEREBY DISCLAIMED BY FUNAI CORPORATION AND ITS REPRESENTATIVES OR AGENTS IN THE UNITED STATES.

ALL WARRANTY INSPECTIONS AND REPAIRS MUST BE PERFORMED BY A FUNAI AUTHORIZED CENTER. THIS WARRANTY IS VALID WHEN THE PRODUCT IS DELIVERED PREPAID TO A FUNAI AUTHORIZED SERVICE FACILITY.

IMPORTANT:

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE. IF AT ANY TIME DURING THE WARRANTY PERIOD YOU ARE UNABLE TO OBTAIN SATISFACTION WITH THE EXCHANGE OR REPAIR OF THIS PRODUCT, PLEASE CONTACT FUNAI CORPORATION.

ATTENTION:

FUNAI CORPORATION RESERVES THE RIGHT TO MODIFY ANY DESIGN OF THIS PRODUCT WITHOUT PRIOR NOTICE.

For information about your product, or for information on how to exchange or repair your product, telephone or write to the following:

FUNAI CORPORATION
Customer Service
100 North Street; Teterboro, NJ 07608
Telephone (800)242-7158

PLEASE DO NOT SHIP YOUR UNIT TO THE TETERBORO ADDRESS.