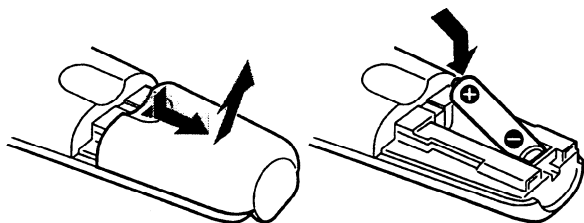


Step 3: Setting up the remote commander

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



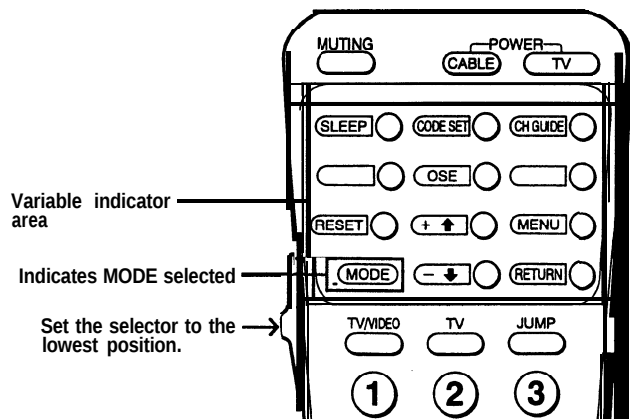
Notes

- With normal use, the battery should last for approximately six months.
- If you do not use the remote commander for an extended period of time, remove the battery to avoid possible damage from battery leakage.
- Do not handle the remote commander roughly. Do not drop it, step on it or let it get wet.
- Do not place the remote commander in direct sunlight, near a heater, or where the humidity is high.

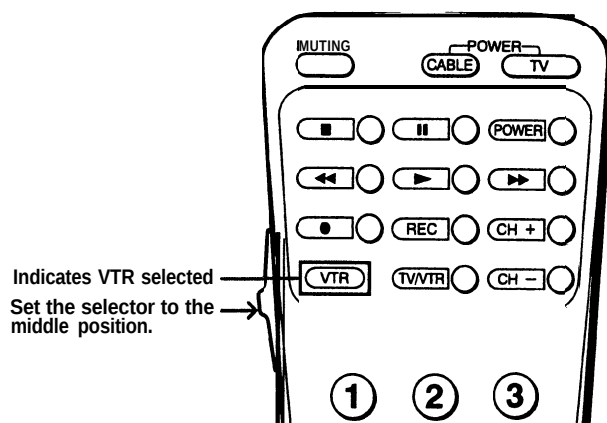
Using the remote commander

The upper half of the remote commander has three selectable operation modes. Each button in this area has three different functions. You can select the mode by sliding a selector on the left side.

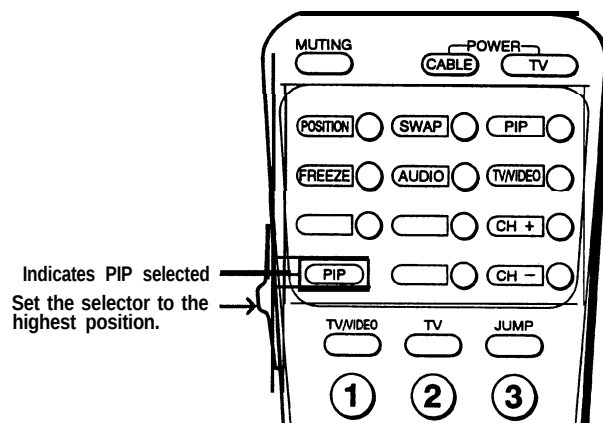
For normal TV viewing



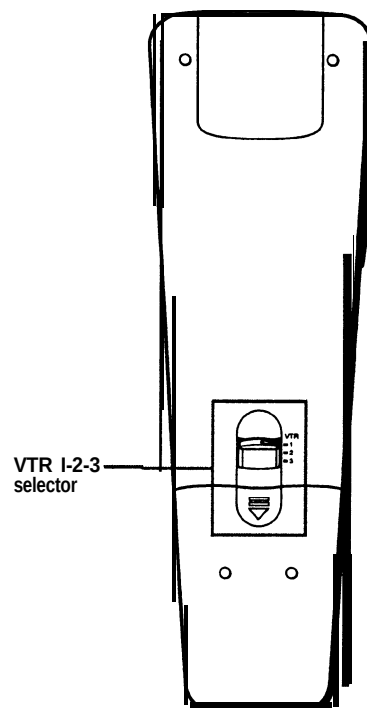
For operating video equipment



For using the Picture-in-Picture feature



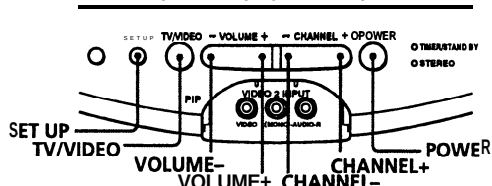
Rear of the remote commander



Step 4: Setting up the projection TV automatically (AUTO SET UP)

You can set up your projection TV easily by using AUTO SET UP feature. It presets all the receivable channels, adjusts the convergence and changes the on-screen menu language. To set up the TV manually, see "Adjusting convergence" (page 15), "Setting cable TV on or off" (page 15), "Presetting channels" (page 16) and "Changing the menu language" (page 16). If the TV is set to a video input, you cannot execute AUTO SET UP. Press TV/VIDEO so that a channel number appears.

(Front of projection TV)



1 Press **POWER** to turn the projection TV on.



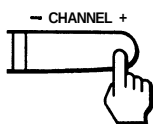
2 Press **SET UP** on the front of the projection TV.

SET UP

8

AUTO SET UP : [CH+]
AUTO AJUSTES : [CH-]
RÉGLAGE AUTO : [VOL +]
DEMO : [VOL -]
Press [SETUP] to Exit

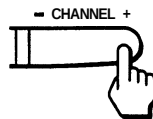
3 Press **CHANNEL+** to start AUTO SET UP.
If you prefer Spanish or French to English, you can change the on-screen menu language. Press **CHANNEL -** for Spanish or **VOLUME+** for French.



CONTINUE TO
AUTO PROGRAM?
YES : [CH+]
NO : [CH-]

All of the menus will be set to the factory preset condition in the selected language.

4 Press **CHANNEL+** to preset channels.



AUTO PROGRAM

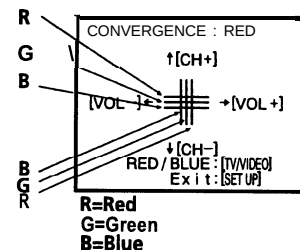
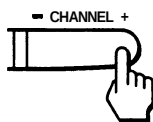
"AUTO PROGRAM" appears on the screen and the TV starts scanning and presetting channels automatically. When all the receivable channels are stored, "AUTO PROGRAM" disappears and the following menu appears. If the projection TV receives cable TV channels, CATV is set to ON automatically.

CONTINUE TO
CONVERGENCE?
YES : [CH+]
NO : [CH-]

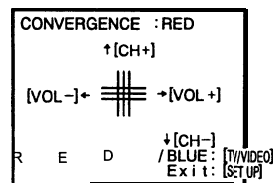
5 Adjust convergence.

(1) Press **CHANNEL+**.

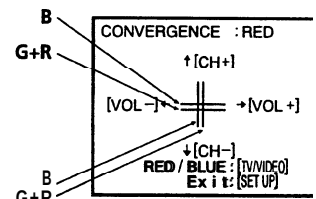
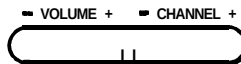
The **CONVERGENCE** adjustment screen appears.



(2) Press **TV/VIDEO** to select RED or BLUE.



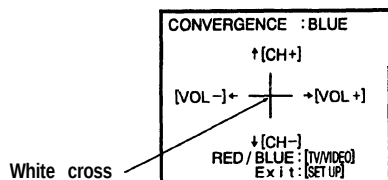
(3) Using **CHANNEL + / -** or **VOLUME + / -**, move the line until it converges with the center green line.



To move horizontal line up/down, press **CHANNEL+ / -**.
To move vertical line right/left, press **VOLUME+ / -**.

(continued)

- (4) Repeat steps (2) and (3) to adjust the other lines until all three lines converge and are seen as a white cross.



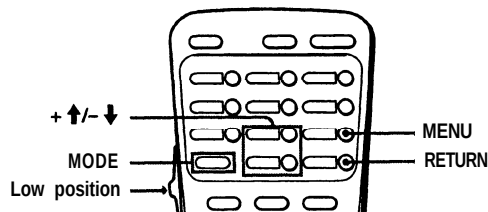
Notes

- If more than 90 seconds elapse after you press a button, the menu disappears automatically.
- In case of using the AUX connector, press the TV button on the remote commander first and make sure that "AUX" is displayed beside the channel number on the screen. Then follow steps 2 to 5 above to perform AUTO SET UP.

To preview the main functions (DEMO) Press VOLUME- in step 3. The functions and menus are displayed one by one.

Erasing or adding channels

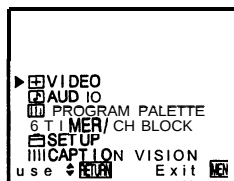
After AUTO SET UP you can erase unnecessary channels or add the channels you want. Preset channels during the day rather than late at night, when some channels may not be broadcasting.



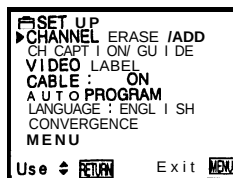
- 1** Press MENU.
The main menu appears.

(MENU)

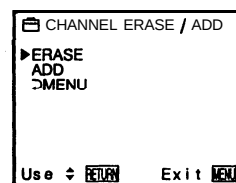
8



- 2** Press + ↑ or - ↓ to move the cursor (▶) to SET UP and press RETURN.
The SET UP menu appears.

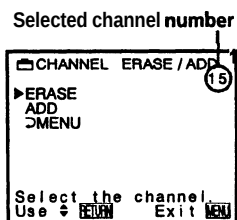


- 3** Make sure the cursor (▶) is beside CHANNEL ERASE/ADD and press RETURN.
If the cursor is not beside CHANNEL ERASE/ADD, press + ↑ or - ↓ to move the cursor and press RETURN.
The CHANNEL ERASE/ ADD menu appears.



- 4** Erase and/or add the channel you want:
To erase an unwanted channel

- (1) Make sure the cursor (▶) is beside ERASE.
- (2) Press CH + or - to select the channel you want to erase.

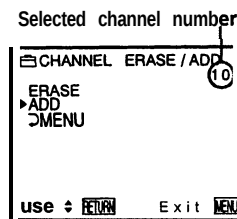
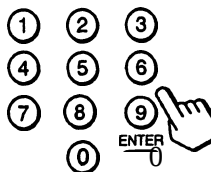


- (3) Press RETURN.
The indication "-" appears beside the channel number, showing that the channel is erased from the preset memory.



To add a channel that you want

- (1) Press + ↑ or - ↓ to select ADD.
- (2) Press 0 - 9 button to select the channel you want to add and press ENTER.



- (3) Press RETURN.
The indication "+" appears beside the channel number, showing that the channel is added to the preset memory.



5 To erase and/or add other channels, repeat step 4.

6 When you finish, press MENU.



Notes

- . If you erase or add a VHF or UHF channel, the cable TV channel with the same number is also erased or added, and vice versa.
- . If more than 90 seconds elapse after you press a button, the menu disappears automatically.
- . Erasing and adding channels are also available for the AUX input.

Adjusting convergence (CONVERGENCE)

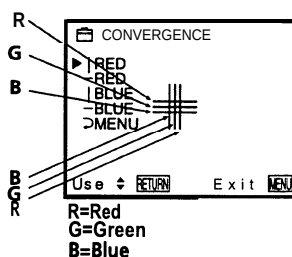
The projection tube image appears on the screen in three layers (red, green and blue). If they do not converge, the color is poor and the picture blurs. To correct this, adjust convergence.

You do not have to do this procedure if you execute AUTO SET UP (page 13). Do this procedure only when you want to adjust it manually.

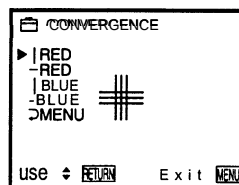
1 Press MENU.

2 Press +**↑** or -**↓** to move the cursor (▶) to SET UP and press RETURN.

3 Press +**↑** or -**↓** to move the cursor (▶) to CONVERGENCE and press RETURN.
The CONVERGENCE adjustment screen appears.

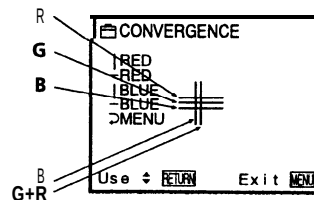


4 Press +**↑** or -**↓** to move the cursor (▶) to the symbol showing the line you want to adjust, and press RETURN.



- | RED: Red vertical line (left/right adjustment)
- RED: Red horizontal line (up/down adjustment)
- | BLUE: Blue vertical line (left/right adjustment)
- BLUE: Blue horizontal line (up/down adjustment)

5 Press +**↑** or -**↓** to move the line until it converges with the center green line, and press RETURN.



To move up/right, press +**↑**.
To move down/left, press -**↓**.

6 Repeat steps 4 and 5 to adjust the other lines until all three lines converge and are seen as a white cross.

7 Press MENU to return to the original screen.

Setting cable TV on or off

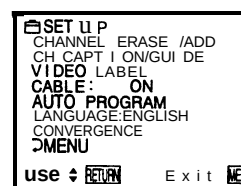
If you have connected the projection TV to a cable TV system, set CABLE to ON, the factory setting. If not, set CABLE to OFF.

You do not have to do this procedure if you execute AUTO SET UP (page 13). Do this procedure only when you want to set it manually.

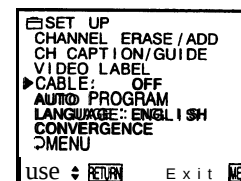
1 Press MENU.

2 Press +**↑** or -**↓** to move the cursor (▶) to SET UP and press RETURN.

3 Press +**↑** or -**↓** to move the cursor (▶) to CABLE and press RETURN.



4 Press +**↑** or -**↓** to select ON or OFF and press RETURN.



5 Press MENU to return to the original screen.

Note

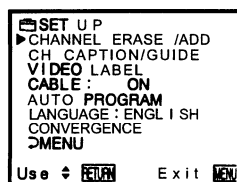
- . If CABLE appears in black, the projection TV is set to a video input and you cannot select CABLE. Press TV on the remote commander so that a channel number appears.

Presetting channels

You can preset TV channels easily by AUTO PROGRAM feature.

You do not have to do this procedure if you execute AUTO SET UP (page 13). Do this procedure only when you want to set it manually.

- 1 Press **MENU**.
- 2 Press + **↑** or - **↓** to move the cursor (▶) to **SET UP** and press **RETURN**.



- 3 Press + **↑** or - **↓** to move the cursor (▶) to **AUTO PROGRAM** and press **RETURN**.



“AUTO PROGRAM” appears on the screen and the projection TV starts scanning and presetting channels automatically. When all the receivable channels are stored, “AUTO PROGRAM” disappears and the lowest numbered channel is displayed.

- 4 Press **MENU** to return to the original screen.

Notes

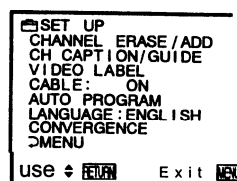
- . If AUTO PROGRAM appears in black in the SET UP menu, the projection TV is set to a video input and you cannot select AUTO PROGRAM. Press TV/VIDEO or TV on the remote commander so that a channel number appears.
- . If more than 90 seconds elapse after you press a button, the menu disappears automatically.
- . Presetting channels is also available for the AUX input.

Changing the menu language

If you prefer Spanish or French to English, you can change the menu language.

You do not have to do this procedure if you execute AUTO SET UP (page 13). Do this procedure only when you want to set it manually.

- 1 Press **MENU**.
- 2 Press + **↑** or - **↓** to move the cursor (▶) to **SET UP** and press **RETURN**.
- 3 Press + **↑** or - **↓** to move the cursor (▶) to **LANGUAGE** and press **RETURN**.



- 4 Press + **↑** or - **↓** to **select** the language and press **RETURN**.
The menu in selected language appears.



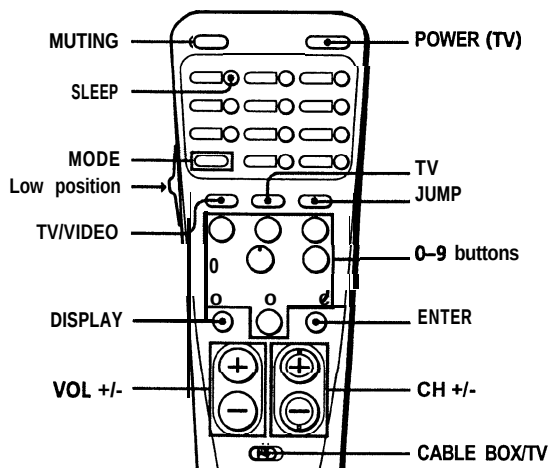
- 5 Press **MENU** to return to the original screen.

Note

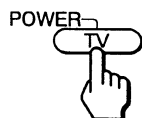
- . Even when you select Spanish or French language, certain parts of the menus remain in English.

Watching TV programs

Check that the CABLE BOX/TV selector is set to TV.

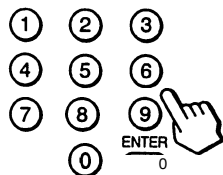


- 1 press **POWER (TV)** to turn on the projection TV.
The **TIMER/STAND BY** indicator flashes until the picture appears.



If "VIDEO" appears on the screen, press the **TV/VIDEO** or **TV** button so that a channel number appears.

- 2 Select the channel you want to watch:
To select a channel directly
Press the 0 – 9 buttons and then press **ENTER**.
For example, to select channel 10, press 1, 0 and **ENTER**.

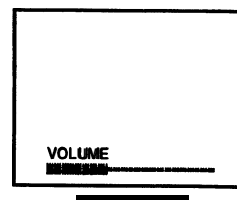
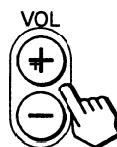


To scan through channels

Press **CH +/-** until the channel you want to watch appears.



- 3 Press **VOL +/-** to adjust the volume.



Switching quickly between two channels

Press **JUMP**.

The channel you previously selected with the 0-9 buttons appears.

JUMP

8

Pressing **JUMP** again switches back the channel.

Muting the sound

Press **MUTING**.

"MUTING" appears on the screen.

MUTING

8

To restore the sound, press **MUTING** again, or press **VOL t**.

Displaying on-screen information

Use this feature to check the channel number, current time (if set), channel caption (if set), and MTS mode (if SAP is selected).

Press **DISPLAY**.

DISPLAY

8

To cancel the display, press **DISPLAY** until "DISPLAY OFF" appears.

Setting the Sleep Timer

The projection TV stays on for the length of time you specify and then shuts off automatically.

Press SLEEP repeatedly until the time (in minutes) you want appears.

Each time you press SLEEP, the time changes as follows: 30 → 60 → 90 → OFF.

(SLEEP/

8

“SLEEP” appears about one minute before the projection TV shuts off.

To cancel the Sleep Timer, press SLEEP repeatedly until “SLEEP OFF” appears, or turn off the projection TV.

The sleep timer is also cancelled when you select AUTO PROGRAM under the SET UP menu.

Watching a video input picture

Press TV/VIDEO repeatedly until the desired video input appears.

Each time you press TV/VIDEO, the display changes as follows: TV → VIDEO 1 → VIDEO 2 → VIDEO 3.



To return to TV picture, press TV.

Changing the VHF/UHF input to the AUX input

Press TV.

“AUX” appears beside the channel number.

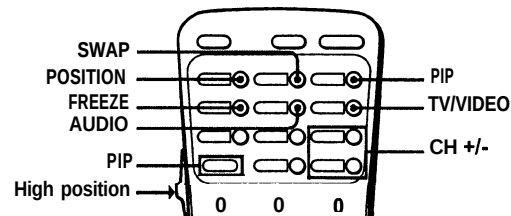


Pressing TV again switches back to the previous input.

Watching two programs at one time — PIP

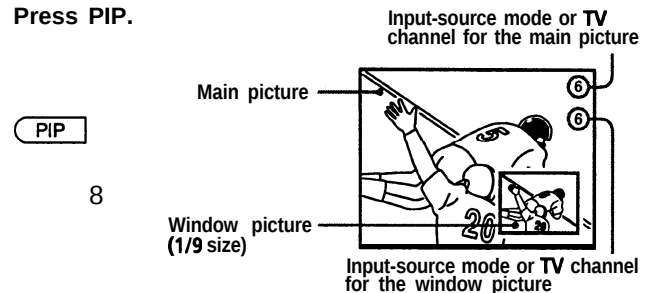
The Picture-in-Picture (PIP) feature allows you to watch both the main picture and a window picture simultaneously.

You can watch two TV channels at one time.

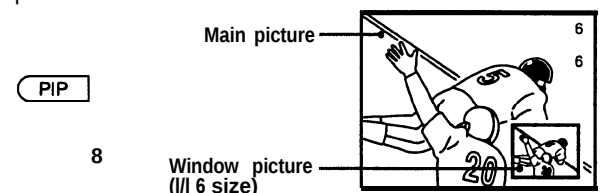


Displaying a window picture

Press PIP.



Press PIP again to display a smaller window picture.



Each time you press PIP, the size of the window picture changes as follows: 1/9 size → 1/16 size → OFF.

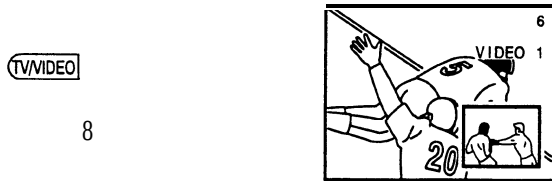
To remove the window picture, press PIP repeatedly until the window picture disappears.

Notes

- If the main picture is not receiving an image, the window picture may be in black and white.
- The window picture sound is also output from the AUDIO (VAR/FIX) OUT jacks when you listen to it.

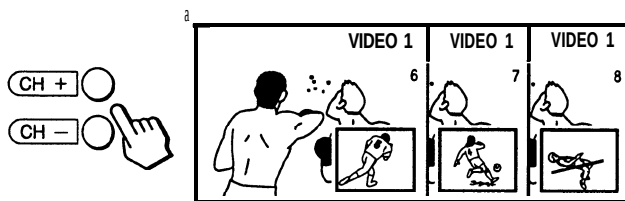
Changing the window picture input mode

Press **TV/VIDEO** in the PIP control area of the remote commander to select the input mode. Each time you press TV/VIDEO, “TV,” “VIDEO 1,” “VIDEO 2” and “VIDEO 3” appear in sequence.



Changing TV channels in the window picture

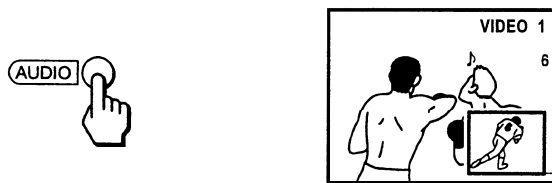
Press **CH +/-** in the PIP control area.



Listening to the sound of the window picture

Press **AUDIO**.

“♪” appears for a few seconds, indicating that the window picture sound is being received.

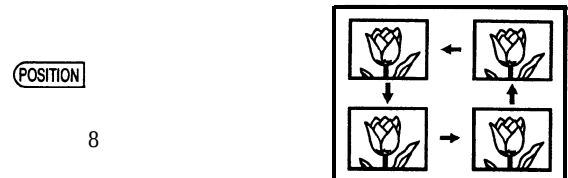


To restore the main picture sound, press **AUDIO** again.

Changing the position of the window picture

Press **POSITION**.

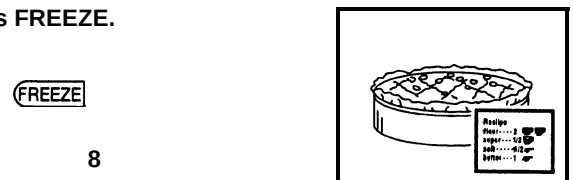
Each time you press POSITION, the window picture will move as illustrated.



Freezing the window picture

This feature is useful when you want to write down a recipe from a cooking program, a displayed address or a phone number and so on.

Press **FREEZE**.

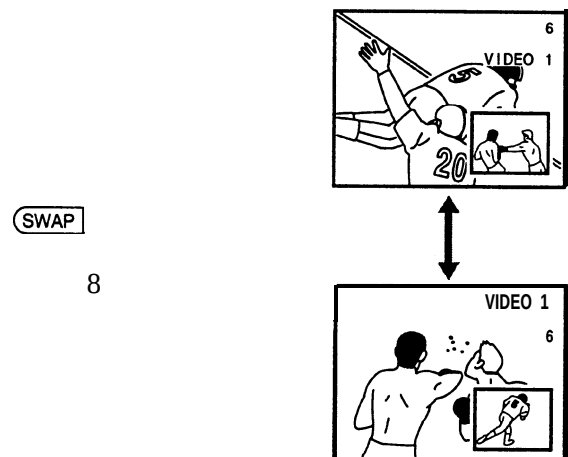


To restore the normal screen, press **FREEZE** again.

Swapping the main and window pictures

Press **SWAP**.

Each time you press SWAP, the images and sound from the main and window pictures switch places with another.

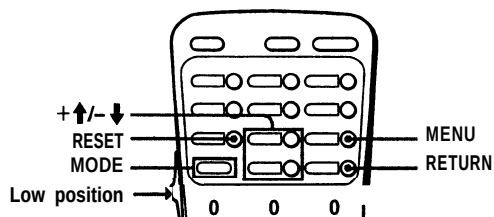


Note

- The channels being received through the AUX jack cannot be displayed as a window picture.

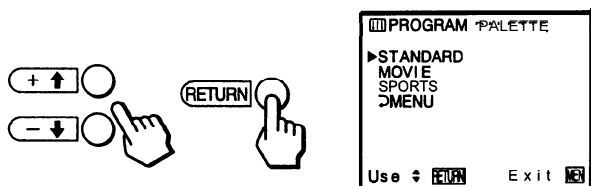
Selecting picture and sound effects (PROGRAM PALETTE)

You can select one of three settings for picture and sound effects that best suits the program.
You can also adjust picture effect for each setting to suit your taste.



1 Press MENU.

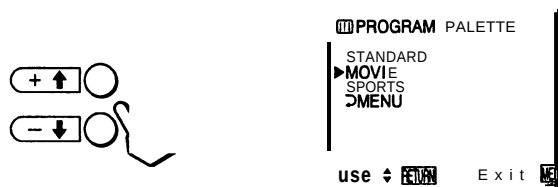
2 Press +↑ or -↓ to select PROGRAM PALETTE and press RETURN.



3 Select the item you want to adjust.

For example:

(1) To select MOVIE, press +↑ or -↓ to move the cursor to MOVIE.



(2) Press RETURN.



For details on each item, see “Effect of three items” in the right column.

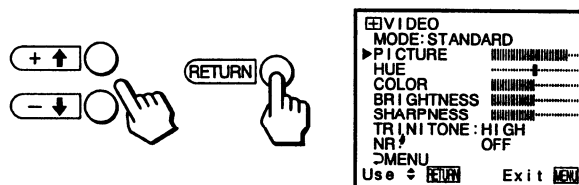
Effect of three items

Item	Picture effect	Sound effect
STANDARD	Standard	Standard
MOVIE	Finely detailed picture	Theatrical audio effect
SPORTS	Vivid, bright picture	Sound with a sports stadium effect

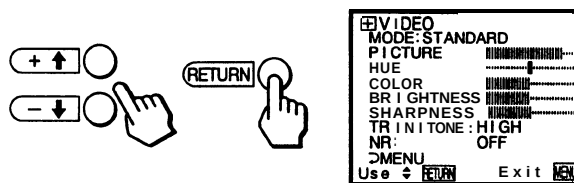
Adjusting the picture in PROGRAM PALETTE

1 Press MENU.

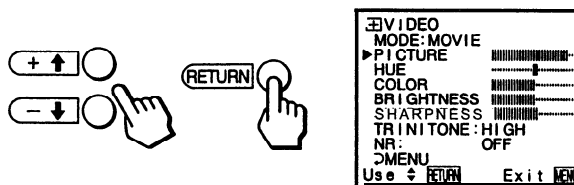
2 Press +↑ or -↓ to select VIDEO and press RETURN.



3 Press +↑ or -↓ to select MODE and press RETURN.



4 Press +↑ or -↓ to select the item which you want to adjust and **press** RETURN.

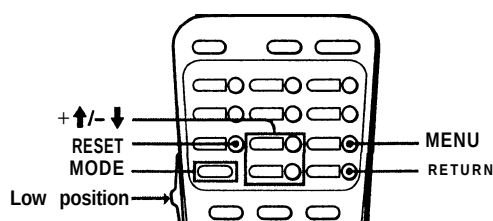


5 **Adjust** the picture according to the steps 3 to 5 in “Adjusting the **picture**” on page 21.

To restore the factory setting
Press RESET while the VIDEO menu is displayed.

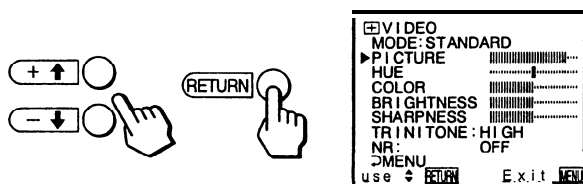
Adjusting the picture (VIDEO)

When watching TV programs, you can adjust the quality of the picture to suit your taste. The adjusted level is stored in PROGRAM PALETTE in which that adjustment is done.



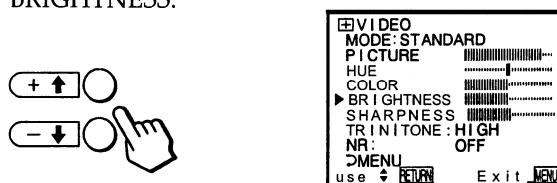
1 Press MENU.

2 Press +↑ or -↓ to move the cursor to VIDEO and press RETURN.
The VIDEO adjustment menu appears.

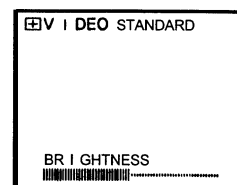


3 Select the item you want to adjust.
For example:

(1) To adjust brightness, press +↑ or -↓ to select BRIGHTNESS.

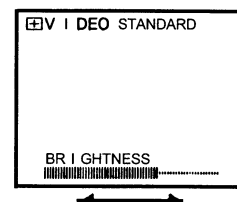
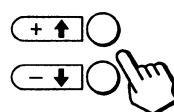


(2) Press RETURN.



4 Adjust the selected item:

(1) Press +↑ or -↓ to adjust the item.



(2) Press RETURN.

The new setting appears in the VIDEO menu, and is stored in the displayed PROGRAM PALETTE mode.



For details on each item, see "Description of adjustable items" below.

5 To adjust other items, repeat steps 3 and 4.

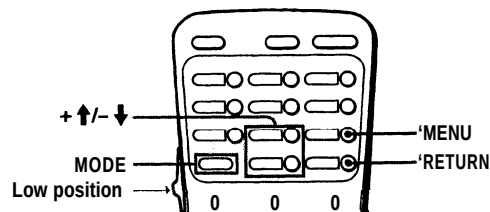
Description of adjustable items.

Item	Press +↑ to	Press -↓ to
PICTURE	Increase picture contrast for vivid color	Decrease picture contrast for soft color
HUE	Make overall picture greenish	Make overall picture purplish
COLOR	Increase color intensity	Decrease color intensity
BRIGHTNESS	Brighten the picture	Darken the picture
SHARPNESS	Sharpen the picture	Soften the picture

To restore the factory setting
Press RESET on the remote commander.

Adjusting the color temperature (TRINITONE)

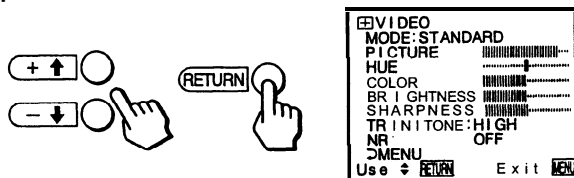
The TRINITONE feature controls the color temperature, permitting white balance preference adjustment without affecting skin tones.



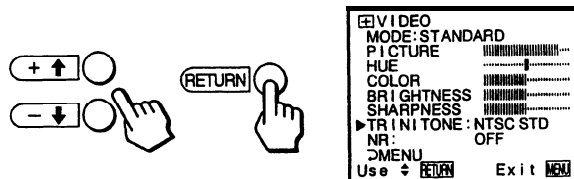
1 Press MENU.

2 Press +↑ or -↓ to select VIDEO and press RETURN.

3 Press +↑ or -↓ to select TRINITONE and press RETURN.



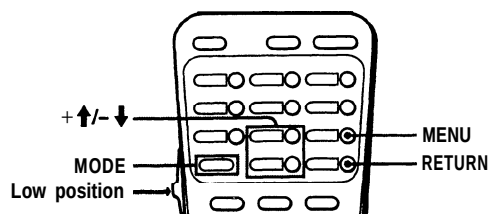
4 Press +↑ or -↓ to select NTSC STD, MEDIUM or HIGH and press RETURN.



Choose	TO
NTSC STD	Make the white color reddish.
MEDIUM	Make the white color whitish.
HIGH	Make the white color bluish.

Reducing picture noise (NR)

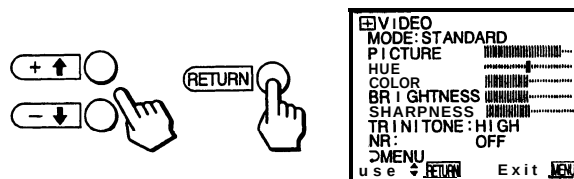
You can reduce picture noise when NR is set to ON.



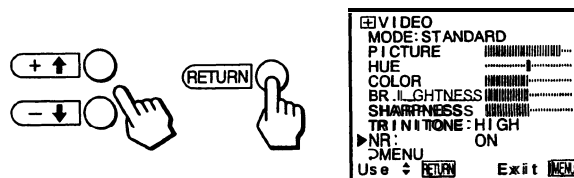
1 Press MENU.

2 Press +↑ or -↓ to select VIDEO and press RETURN.

3 Press +↑ or -↓ to select NR and press RETURN.

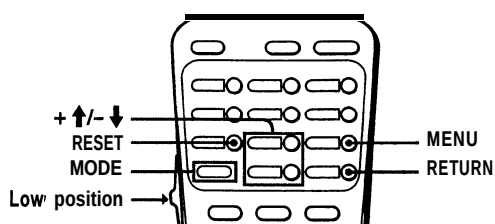


4 Press +↑ or -↓ to select ON and press RETURN.



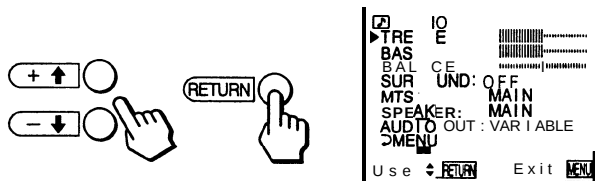
Adjusting sound (AUDIO)

You can adjust the quality of the TV sound to suit your taste. You can adjust the sound of video input(s) as well, and these settings are stored separately from those for the broadcast signal.



1 Press MENU.

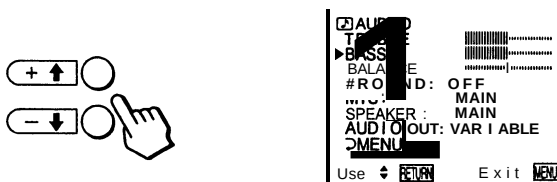
2 Press + ↑ or - ↓ to select AUDIO and press RETURN.



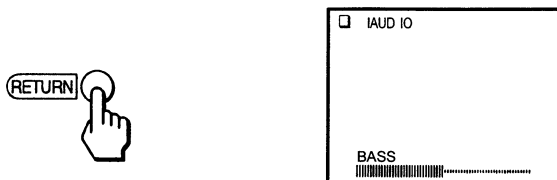
3 Select the item you want to adjust.

For example:

(1) To adjust bass, press + ↑ or - ↓ to select BASS.

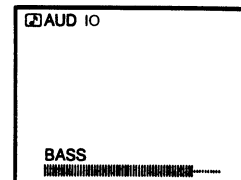
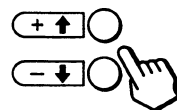


(2) Press RETURN.



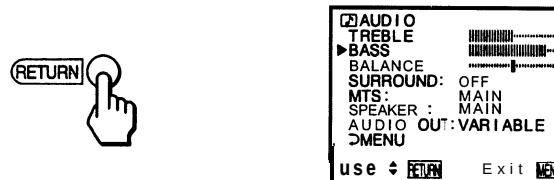
4 Adjust the selected item:

(1) Press + ↑ or - ↓ to adjust the item.



(2) Press RETURN.

The new setting appears in the AUDIO menu



For details on each item, see “Description of adjustable items” below.

5 To adjust other items, repeat steps 3 and 4 above.

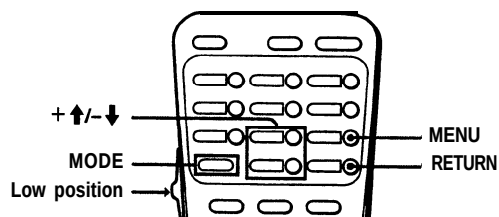
Description of adjustable items

Item	Press + 4 to	Press - ↓ to
TREBLE	Increase the treble response	Decrease the treble response
BASS	Increase the bass response	Decrease the bass response
BALANCE	Emphasize the right speaker's volume	Emphasize the left speaker's volume

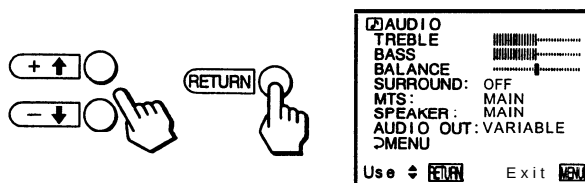
To restore the factory settings
Press RESET on the remote commander.

Listening to surround sound (SURROUND)

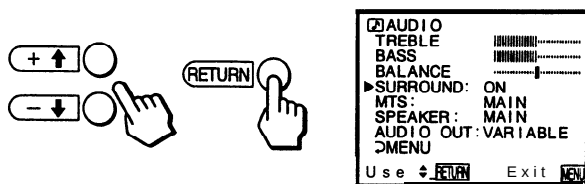
The SURROUND feature simulates sound reproduction with the atmosphere of a movie theater or a concert hall. Surround sound is only effective for stereo programs.



- 1 Press MENU.
- 2 Press +↑ or -↓ to select AUDIO and press RETURN.
- 3 Press +↑ or -↓ to select SURROUND and press RETURN.

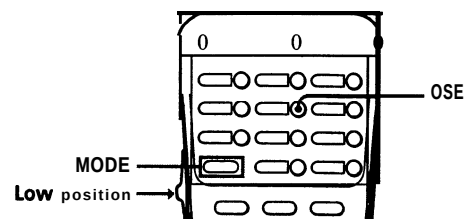


- 4 Press +↑ or -↓ to select ON and press RETURN.



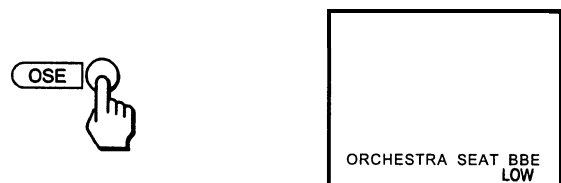
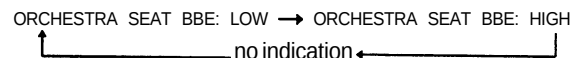
Listening to orchestra seat effect sound—OSE

Orchestra Seat Effect™ (OSE) feature restores the harmonic balance of the sound to dramatically improve the overall reproduction of programs. It gives the sound more clarity, depth, and definition, making the sound more dynamic.



Press OSE.

Each time you press OSE, the display changes as follows:



We recommend LOW setting for news programs and HIGH setting for music, sports, video games and movies.

For the best sound quality, we recommend that AUDIO to be set at factory setting when OSE is set to ON.

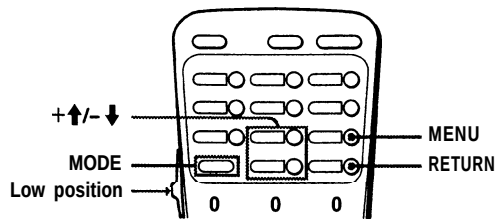
- * Orchestra Seat™ Sound Effect™ (OSE) feature restores the harmonic balance of the sound to dramatically improve the overall reproduction of programs.
Orchestra Seat™ Sound Effect is using BBE technology under licence from BBE sound Inc.

Note

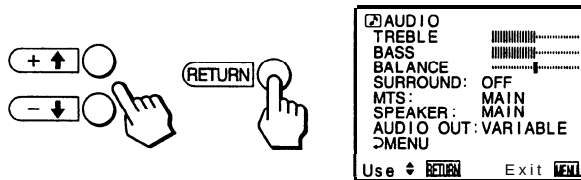
- OSE may also be output through audio out.

Selecting stereo or bilingual programs (MTS)

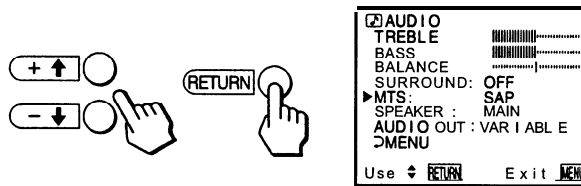
The Multichannel TV Sound (MTS) feature gives you the choice to enjoy stereo sound or Second Audio Programs (SAP) when available. The initial setting is stereo sound (MAIN).



- 1 Press MENU.
- 2 Press +↑ or -↓ to select AUDIO and press RETURN.
- 3 Press +↑ or -↓ to select MTS and press RETURN.



- 4 Press +↑ or -↓ to select MAIN, SAP or MONO and press RETURN.



Choose To

MAIN	Listen to stereo sound. The STEREO indicator on the projection TV lights up while a stereo broadcast is received.
SAP	Listen to bilingual programs. The sound of non-SAP-programs will be muted when SAP is selected.
MONO	Reduce noise during stereo broadcasts.

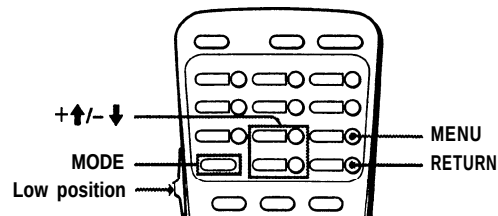
Note

- Stereo and SAP sounds are subject to program sources,

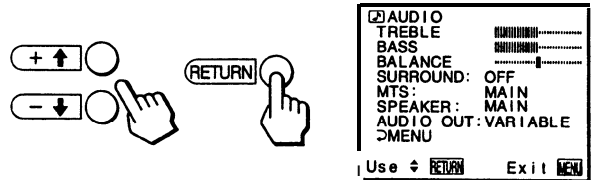
Setting the speaker switch (SPEAKER)

You may switch off the projection TV speakers when, for example, you want to listen to the sound through a stereo system.

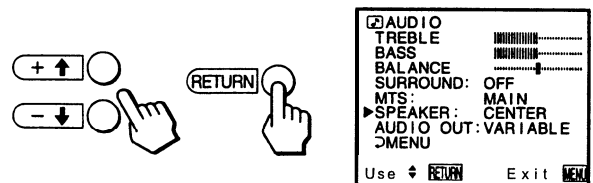
If you connect a Dolby Pro Logic-compatible amplifier to the CENTER SPEAKER IN terminals, you can use the projection TV speakers as center speakers. After making the connections (page 11) set SPEAKER to "CENTER."



- 1 Press MENU.
- 2 Press +↑ or -↓ to select AUDIO and press RETURN.
- 3 Press +↑ or -↓ to select SPEAKER and press RETURN.



- 4 Press +↑ or -↓ to select MAIN, CENTER or OFF and press RETURN,

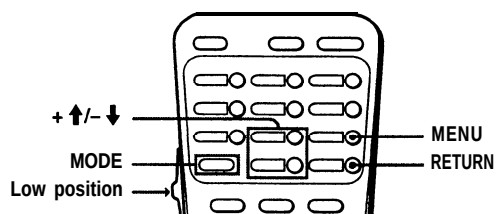


Choose To

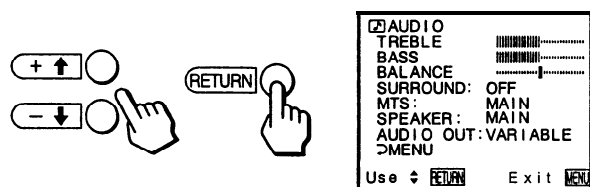
MAIN	Listen to the sound from the projection TV.
CENTER	Use the projection TV speakers as center speakers.
OFF	Cut off the projection TV speaker sound and listen to the projection TV's sound solely through the audio system speakers

Setting audio out (AUDIO OUT)

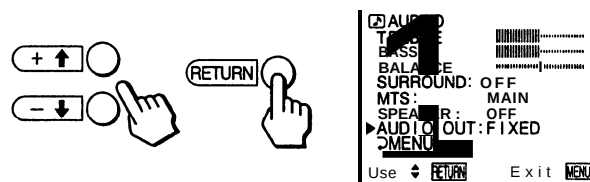
You can select audio out to variable or fixed when SPEAKER is set to OFF or CENTER.
Audio out is variable when SPEAKER is set to MAIN.



- 1 Press MENU.
- 2 Press +↑ or -↓ to select AUDIO and press RETURN.
- 3 Press +↑ or -↓ to select AUDIO OUT and press RETURN.



- 4 Press +↑ or -↓ to select VARIABLE or FIXED and press RETURN.



VARIABLE: Sound output varied according to the TV settings. You can adjust the volume, bass, treble and balance.

FIXED: Sound output is always fixed to a certain level. You cannot adjust the volume.

Setting daylight saving time (DAYLIGHT SAVING)

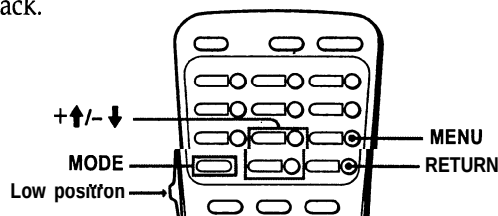
If your area uses daylight saving time, change DAYLIGHT SAVING setting depending on the season, before setting the current time.

Daylight saving start

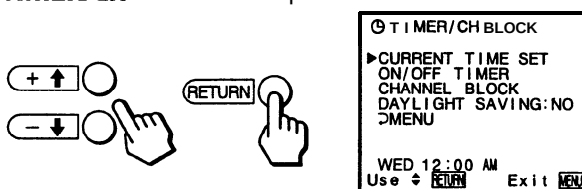
- After the first Sunday in April, set DAYLIGHT SAVING to YES. Current time (page 27), On/off Timer (page 28) and Channel Block (page 29) settings automatically move one hour ahead.

Daylight saving end

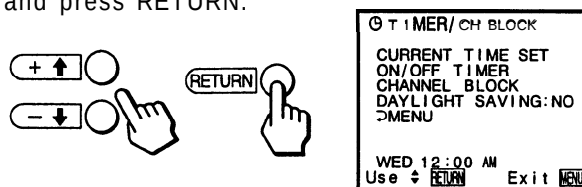
- After the last Sunday in October, set DAYLIGHT SAVING to NO. Current time, On/off Timer and Channel Block settings automatically move one hour back.



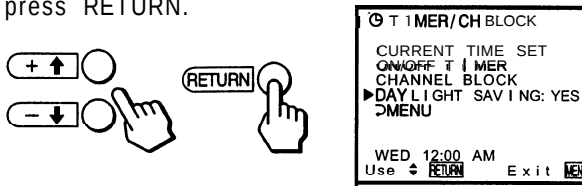
- 1 Press MENU.
- 2 Press +↑ or -↓ to move the cursor (▶) to **TIMER/CH BLOCK** and press RETURN.



- 3 Press +↑ or -↓ to select DAYLIGHT SAVING and press RETURN.



- 4 Press +↑ or -↓ to select YES or NO and press RETURN.



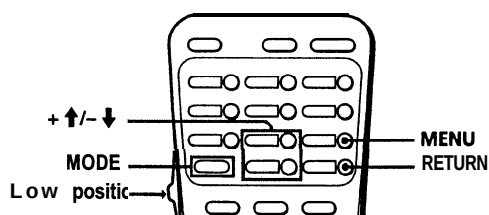
Choose To

YES	Set for daylight saving start
NO	Set for daylight saving end

Setting the clock

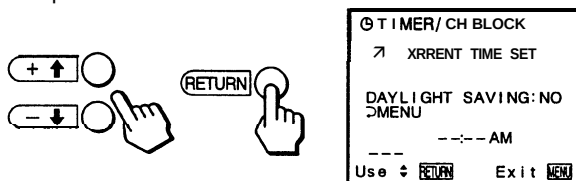
(CURRENT TIME SET)

Set the current time before using On/off Timer (page 28) and Channel Block features (page 29). For example, set the clock to 3:15 p.m., Monday.



1 Press MENU.

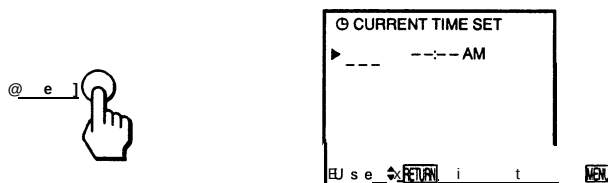
2 Press +↑ or -↓ to select **TIMER/CH BLOCK** and press RETURN.



If you need to set DAYLIGHT SAVING, follow the procedure on the previous page.

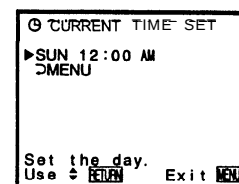
3 Make sure the cursor (▶) is beside **CURRENT TIME SET**, and press RETURN.

If the cursor is not beside **CURRENT TIME SET**, press +↑ or -↓ to move the cursor and press RETURN.

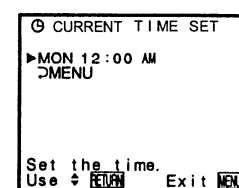


4 Set the current time.

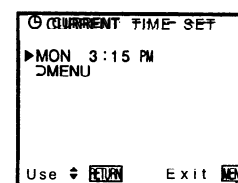
(1) Press RETURN to start setting the time.



(2) Press +↑ or -↓ to set the day and press RETURN.



(3) Using +↑ or -↓ and RETURN, set hour and minute in the same way as in step (2).
When you press RETURN after setting the minute, the clock starts.



If you make a mistake while setting the time Press RESET while the **CURRENT TIME SET** menu is displayed, then repeat step 4.

To display the current time
Press **DISPLAY**.

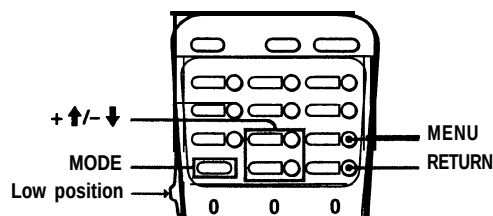
Note

- If you unplug the projection TV or a power interruption occurs, the clock will be erased. Reset the current time.

Setting the timer to turn the projection TV on and off

(ON/OFF TIMER)

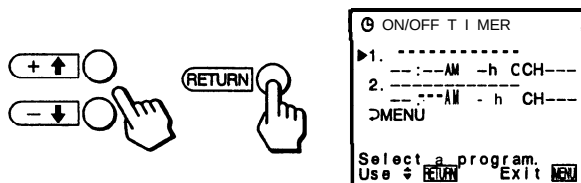
You can set the projection TV to turn on and off at the time you specify. Make sure the clock is set correctly. If it is not, set the clock first.



1 Press MENU.

2 Press +↑ or -↓ to select **TIMER/CH** BLOCK and press RETURN.

3 Press +↑ or -↓ to select ON/OFF TIMER and press RETURN.



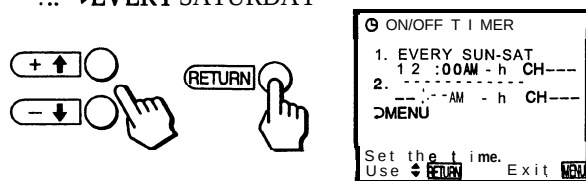
4 Enter the ON/OFF TIMER setting.

(1) Press +↑ or -↓ to select program 1 or 2 and press RETURN.

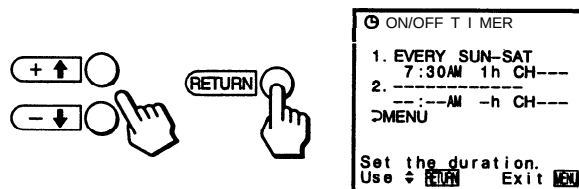
(2) Press +↑ or -↓ to set the days and press RETURN.

Each time you press +↑ or -↓, the days cycle as shown below.

EVERY SUN-SAT-EVERY MON-FRI→
SUNDAY→MONDAY→...→SATURDAY→
EVERY SUNDAY→EVERY MONDAY→
...→EVERY SATURDAY

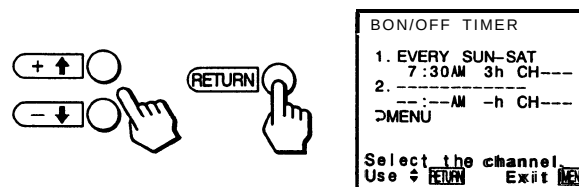


(3) Press +↑ or -↓ to set the time (hour then minute) that you want to turn on the projection TV and press RETURN.

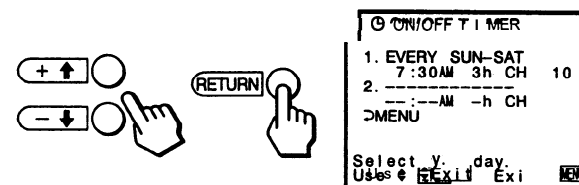


(4) Press +↑ or -↓ to set the hour duration and press RETURN.

You can set the hour duration by one hour up to a maximum of six hours.



(5) Press +↑ or -↓ to select the channel and press RETURN.



The TIMER/STAND BY indicator on the projection TV lights.

5 To set the other program, press RETURN and repeat step 4.

One minute before the projection TV switches to turn off, a message "TV will turn off." is displayed on the screen.

To cancel the timer

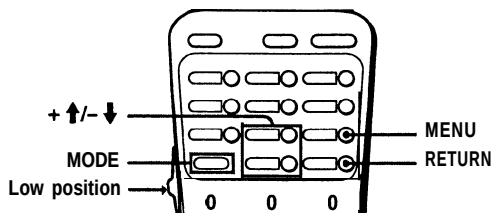
Press RESET on the remote commander.

Note

- If you unplug the projection TV or a power interruption occurs, ON/OFF TIMER settings will be erased. Reset the current time, then set the timer.

Blocking out a channel (CHANNEL BLOCK)

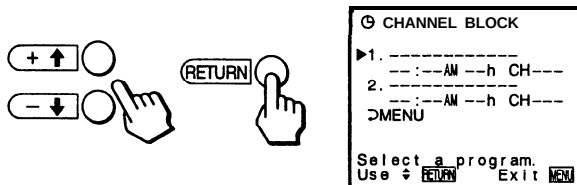
This feature allows you to prevent children from watching unsuitable programs. Make sure the clock is set correctly. If it is not, set the clock first (page 27).



1 Press MENU.

2 Press +↑ or -↓ to select **TIMER/CH BLOCK** and press RETURN.

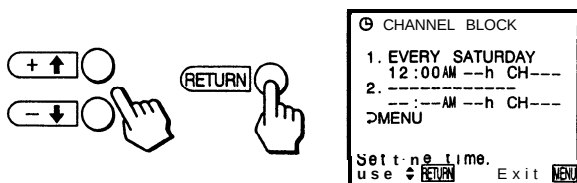
3 Press +↑ or -↓ to select **CHANNEL BLOCK** and press RETURN.



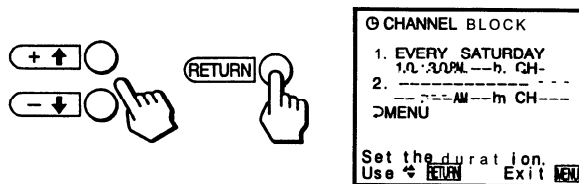
4 Enter a CHANNEL BLOCK setting.

(1) Press t↑ or -↓ to select program 1 or 2 and press RETURN.

(2) Press t↑ or -↓ to set the days and press RETURN. Each time you press t↑ or -↓, the days cycle as shown below.
 EVERY SUN-SAT-EVERY MON-FRI→
 SUNDAY→MONDAY→...→SATURDAY→
 EVERY SUNDAY→EVERY MONDAY--,
 ...→EVERY SATURDAY

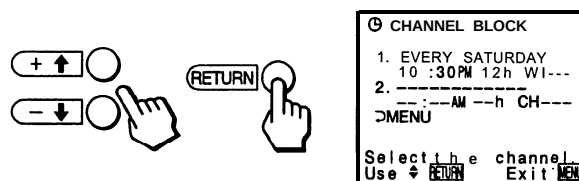


(3) Press t↑ or -↓ to set the time (hour then minute) that you want to start blocking the channel and press RETURN.

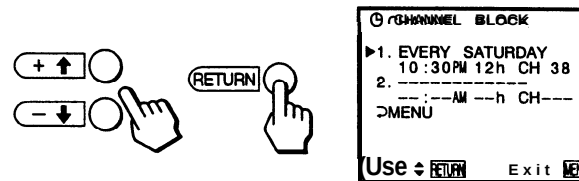


(4) Press t↑ or -↓ to select the hour duration you want to block and press RETURN.

Each time you press RETURN, the hour duration increases by one hour up to a maximum of 12 hours.



(5) Press t↑ or -↓ to select the channel and press RETURN.



If you select the blocked channel during the time you set, the message "BLOCKED" appears and the picture is blocked and the sound is muted.

To cancel a CHANNEL BLOCK setting
 Press RESET on the remote commander.

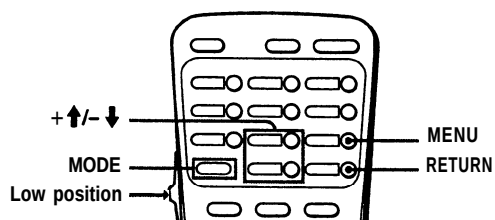
Note

- If the CHANNEL BLOCK and ON/OFF TIMER settings are overlapped, the later time setting has priority over the other setting.

Customizing the channel number buttons (CH CAPTION/GUIDE)

You can choose up to 12 channels, caption each channel, and assign a specific channel number button to each channel. This feature allows you to select your favorite channels easily by name. For example, you can name channel 20 "ESPN," and assign the channel number 4 button to it.

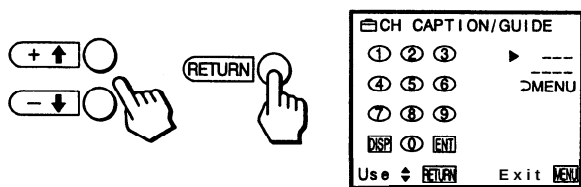
Setting captions to favorite channels



1 Press MENU.

2 Press +↑ or -↓ to select SET UP and press RETURN.

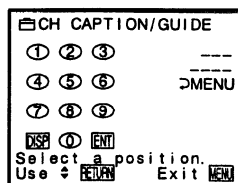
3 Press +↑ or -↓ to select CH CAPTION/GUIDE and press RETURN.



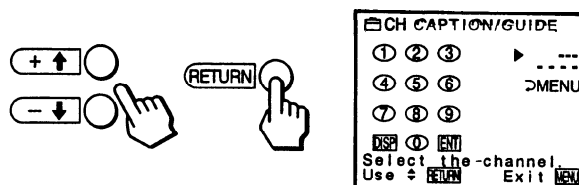
4 Press RETURN again.

RETURN

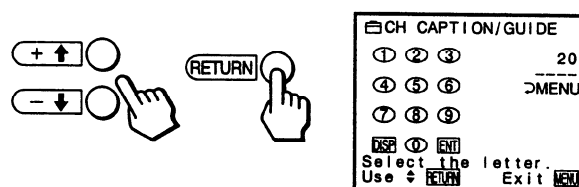
8



5 Press +↑ or -↓ to select a channel guide number button and press RETURN. Each time you press +↑ or -↓, the channel positions change to red in turns. The channel number button you select will be the one you press to call up your favorite channel.



6 Press +↑ or -↓ to select the channel that you want to caption and press RETURN.

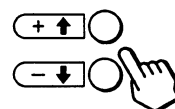


7 Enter the letters or numbers (up to four) to caption the channel:

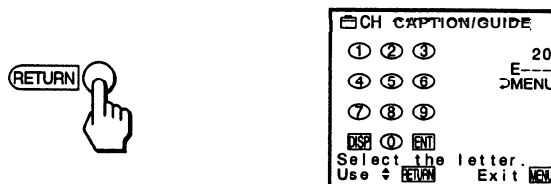
(1) Press +↑ or -↓ to select the first letter (number).

Each time you press +↑ or -↓, the letter (number) changes as shown below.

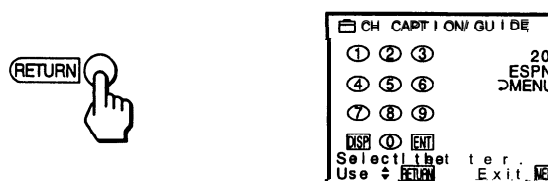
0→1→...→9→A→B→...→Z→&→/→-→_ (blank space)



(2) Press RETURN.



(3) Repeat steps (1) and (2) to select the remaining letters (numbers) and press RETURN.



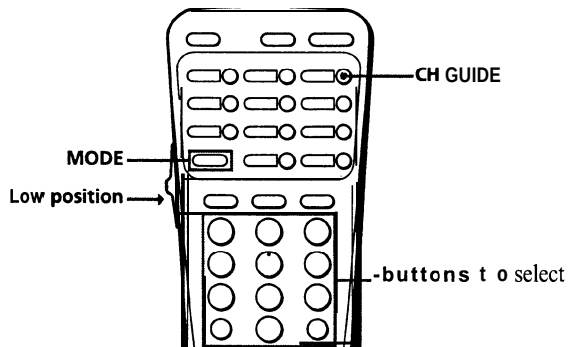
- 8** Repeat steps **4** to **7** to caption other channels,

To erase a caption
Press RESET after step 4.

Notes

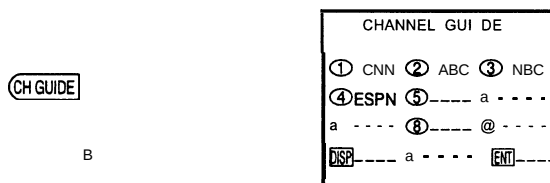
- The position number you already selected appears in yellow.
- If the CH CAPTION/GUIDE menu appears in black, the projection TV is set to a video input, and you cannot select CH CAPTION/GUIDE. Press TV so that a channel number appears.
- If more than 90 seconds elapse after you press a button, the menu disappears automatically.
- The channel caption/guide feature is available for the AUX input.

Selecting a captioned channel



- 1** Press CH GUIDE.

The CHANNEL GUIDE menu appears showing channel captions and the corresponding channel number buttons.

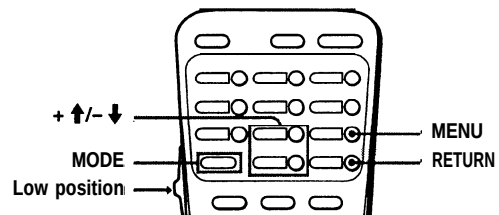


- 2** Press a channel number button, the DISPLAY or ENTER button to select the channel you want.

To cancel the **CHANNEL GUIDE** menu
Press CH GUIDE again.

Setting video labels (VIDEO LABEL)

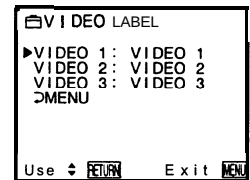
This feature allows you to label each input mode so that you can easily identify the connected equipment. For example, you can label VIDEO 1 IN as VHS.



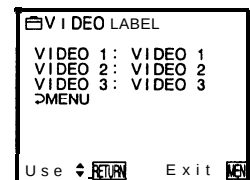
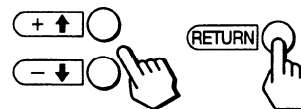
- 1** Press MENU.

- 2** Press +↑ or -↓ to select SET UP and press RETURN.

- 3** Press +↑ or -↓ to select VIDEO LABEL and press RETURN.

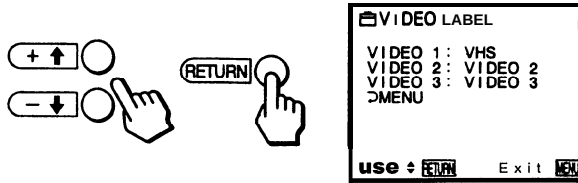


- 4** Press +↑ or -↓ to select the input mode you want to label and press RETURN.



(continued)

- 5** Press +↑ or -↓ to select the label and press RETURN.



Each time you press +↑ or -↓, the label changes as shown below.

VIDEO 1
VIDEO 1→S-VIDEO→BETA→8mm→VHS→LD→DSS

VIDEO 2
VIDEO 2→BETA→8mm→VHS→LD→DSS

VIDEO 3
VIDEO 3→BETA→8mm→VHS→LD→DSS

- 6** Repeat steps 4 and 5 to label other input modes.

Note

- If more than 90 seconds elapse after you press a button, the menu disappears automatically.

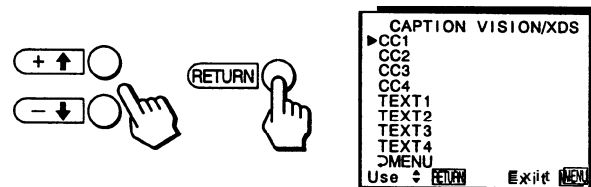
Displaying Caption Vision

(CAPTION VISION/XDS)

Some programs are broadcast with Caption Vision. To display Caption Vision, select either CC1, CC2, CC3, CC4, TEXT1, TEXT2, TEXT3 or TEXT4 from the menu. CC1, CC2, CC3 or CC4 shows you a caption, that is a printed version of the dialog or sound effects of a program. (The mode should be set to CC1 for most programs.)

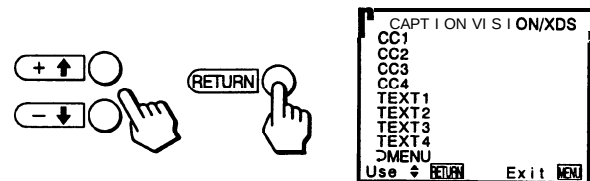
TEXT1, TEXT2, TEXT3 or TEXT4 shows you text, that is information presented using either half or the whole screen. It is not usually related to the program.

- 1 Press MENU.
- 2 Press +↑ or -↓ to select CAPTION VISION/XDS and press RETURN.



- 3 Press +↑ or -↓ to select the caption type and press RETURN.

The selected caption type is colored green.



To turn off the captions or text

Press DISPLAY on the remote commander.

Each time you press DISPLAY, the display changes as follows:

on-screen information + XDS* + Caption Vision or Text
↑ DISPLAY OFF ←

“DISPLAY OFF” goes off after three seconds.

- * Some programs are broadcast with XDS service which shows a network name, program name, program length, call letters and time in show data.

When you select XDS with the DISPLAY button, this information will be displayed on the screen if the broadcaster offers this service.

Note

- Captions may appear with a white box or another error instead of a certain word. Poor reception of TV programs can also cause errors in Closed Caption.

Operating video equipment

You can operate a piece of video equipment that has an infrared remote sensor with the supplied remote commander. Before operating, set the manufacturer's code number.

Setting the manufacturer's code

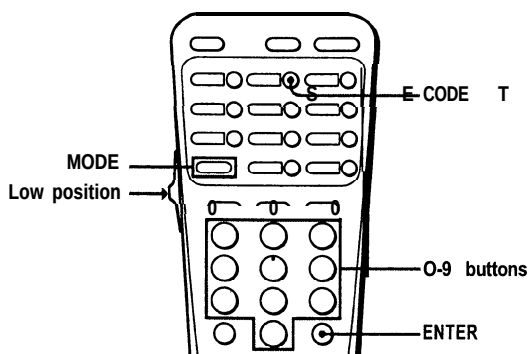
The following Sony video equipment is assigned to each position of the selector at its factory preset:

VTR 1 Beta, ED Beta VCR

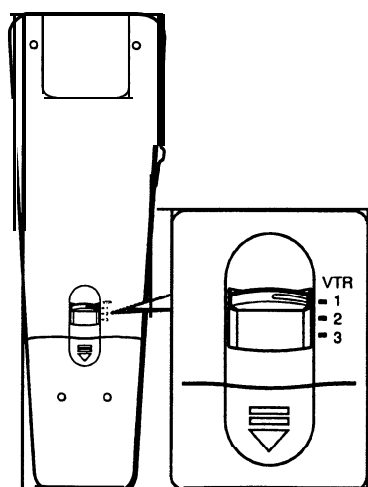
VT-R2 8 mm VCR

VTR 3 VHS VCR

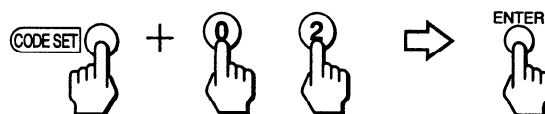
You can change the settings of each position.



- 1 Set the VTR 1-2-3 selector to the position you want to set the code.



- 2 While pressing **CODE SET**, press 0 - 9 to enter the manufacturer's code number (see the chart in the right column) and press **ENTER**. For example, to operate a Sony 8 mm VCR, press **0, 2** and **ENTER**.



Note

- To use another manufacturer's equipment besides a Sony VCR set the selector to a position not being used for your Sony video equipment.

VCR manufacturer code numbers

Manufacturer	Code number
SONY	01, 02, 03, 04
CANON	05
EMERSON	22, 30, 33
FISHER	10, 11, 12, 15
FUNAI	29
GENERAL ELECTRIC	05, 08
GOLDSTAR	25
HITACHI	07, 08, 36
JVC	16, 35
MAGNAVOX	05, 06, 09
MITSUBISHI	18, 19, 26, 27
MULTITECH	29
NEC	16, 23, 31
PANASONIC	05, 06, 37
PHILCO	05, 06
PHILIPS	05, 06, 09
QUASAR	05, 06
RCA	07, 08
SAMSUNG	24, 32
SANYO	11, 15
SCOTT	21
SHARP	13, 14
SHINTOM	34
SYLVANIA	05, 06, 09
SYMPHONIC	29
TEKNIKA	28, 29
TOSHIBA	20, 21
TOTE VISION	25
ZENITH	17

(continued)

MDP manufacturer code numbers

Manufacturer	Code number
SONY	04
KENWOOD	58
MAGNAVOX	52
MARANZ	54
MITSUBISHI	51
PANASONIC	55
PHILIPS	52
PIONEER	51
RCA	51
SANYO	57
SHARP	56
YAMAHA	53

Notes

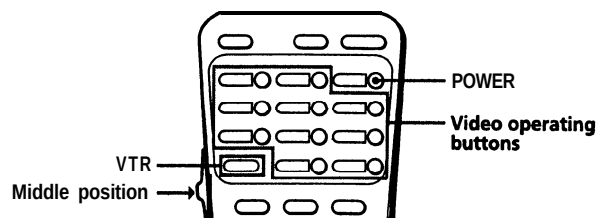
- If more than one code number is listed, try entering them one by one, until you come to the correct code for your equipment.
- In some rare cases, you may not be able to operate your **non-**Sony video equipment with this remote commander. This is because your equipment may use a code that is not provided with this remote commander. In this case, please use the equipment's own remote control unit.
- The code numbers for Sony equipment are assigned at the factory as follows:

Beta, ED Beta VCRs	01
8 mm VCR	02
VHS VCR	03
MDP	04

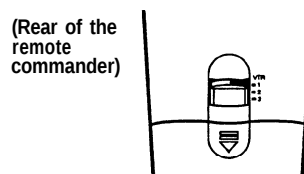
Caution

When you remove a battery from the remote commander, the code may revert to the factory preset. Reset the codes each time you replace the battery, if necessary.

Operating video equipment



Set the selector VTR 1-2-3 according to the video equipment you want to operate.



Use the video operating buttons on the remote commander to operate the video equipment.

Operating a VCR	Buttons on the remote commander
To turn on or off	Press POWER
To change channels	Press CH +/-
To record	Press ● and REC simultaneously
To play	Press ►
To stop	Press ■
To fast forward	Press ►►
To rewind the tape	Press ◄◄
To pause	Press
To search the picture forward and backward	Press ►► or ◄◄ during playback

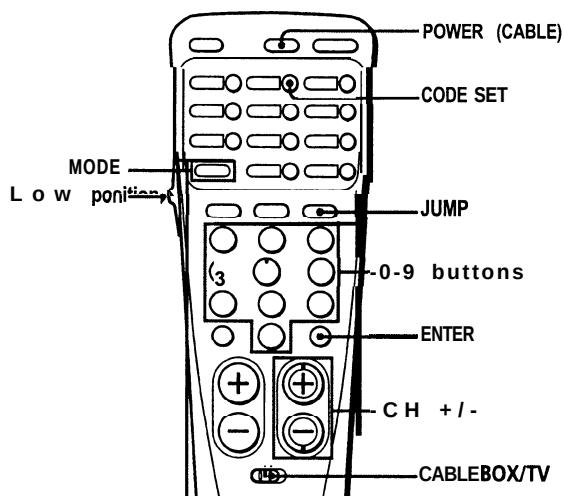
Operating a laser-disc player	Buttons on the remote commander
To play	Press ►
To stop	Press ■
To pause	Press To resume normal playback, press again.
To search the picture forward and backward	Keep pressing ►► or ◄◄ during playback To resume normal playback, release the button.
To search the chapter forward and backward	Press CH +/-

Note

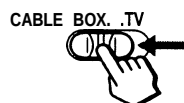
- If the video equipment does not have a certain function, the corresponding button on this remote commander will not operate.

Operating a cable box

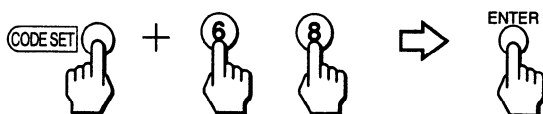
You can operate a connected cable box with the supplied remote commander. Before operating, set the manufacturer's code number.



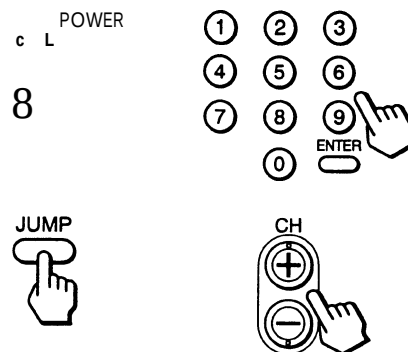
- 1 Set the CABLE BOX/TV selector to CABLE BOX.



- 2 While pressing **CODE SET**, press 0 - 9 to enter the manufacturer's code number (see the chart below) and press **ENTER**. For example, to operate a Zenith cable box, press 6 and 8 and press **ENTER**,



- 3 Use **POWER (CABLE)** and the projection TV control buttons (**0 - 9**, **ENTER**, **JUMP** and **CH +/-**) to operate the cable box.



To operate the projection TV
Set the CABLE BOX/TV selector to TV. Then use the projection TV control buttons to control the projection TV.

For more details on operating the cable box
Refer to the operating instructions that come with the cable box.

Manufacturers and code numbers (cable box)

Manufacturer	Code number
IERROLD	60, 61, 62, 63, 64, 65, 73
PIONEER	69, 70
SCIENTIFIC ATLANTA	66, 67
TOCOM	71, 72
ZENITH	68'

Notes

- . If more than one code number is listed, try entering them one by one until you come to the correct code for your equipment.
- . If you enter a new code number, the code number you previously entered at that setting is erased.
- . In some rare cases, your equipment may use a code that is not provided with this remote commander and you may not be able to operate your cable box with the supplied remote commander. In this case, use the equipment's own remote control unit.
- . When you remove a battery from the remote commander, the code may be erased. Reset the code each time you replace the battery, if necessary.