



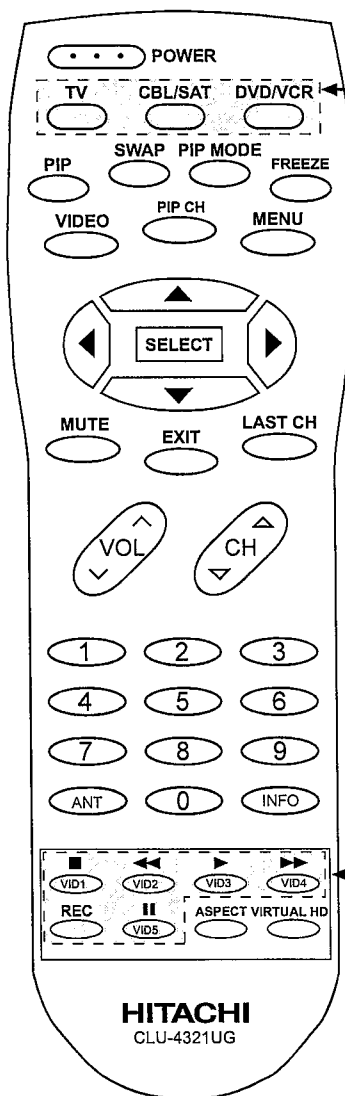
THE REMOTE CONTROL

In addition to controlling all the functions on your HITACHI Projection TV, the new remote control is designed to operate different types of VCRs, CBL (Cable TV) converters, satellite receiver, DVD players, and other audio/video equipment with one touch. Basic operation keys are grouped together in one area.

To operate your TV, point the remote control at the screen of the TV and press the TV button. The remote will now control your television.

To operate your cable/satellite box, point the remote at the remote sensor of the cable/satellite box and press the CABLE/ SATELLITE (CBL/SAT) button. The remote will now control your cable/satellite box. (See page 29 for instructions on how to program the remote to control your cable box.)

To operate your DVD/VCR player, point the remote at the remote sensor of the DVD/VCR player and press the DVD/VCR button. The remote will now control your DVD/VCR player. (See pages 28 and 30 for instruction on how to program the remote to control your DVD/VCR player.)

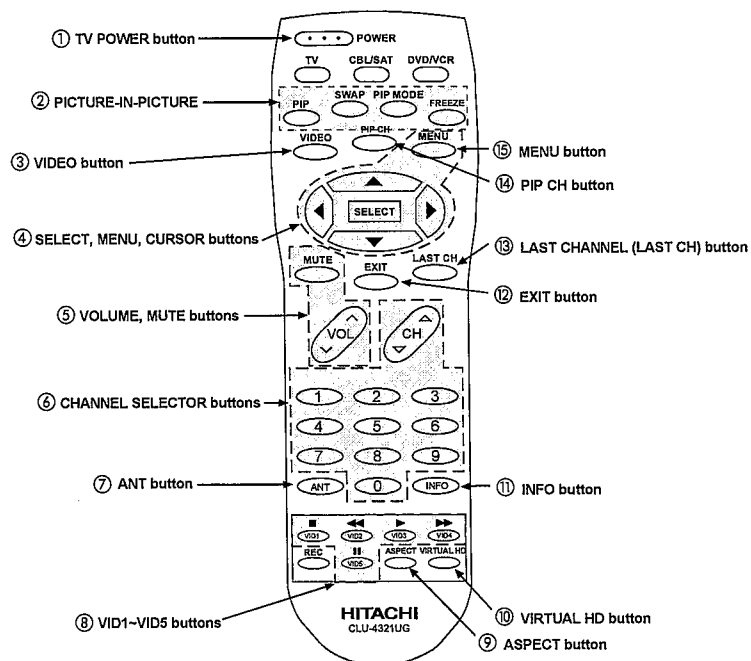


These buttons allow the remote to control your TV, VCR, DVD or cable/satellite box depending on which mode is chosen, as explained above.

TV OR VCR/DVD BUTTONS

When in TV mode, these buttons, except the REC button, will select from five video input sources. When in VCR/DVD mode, these buttons transmit the chosen precoded VCR/DVD codes.

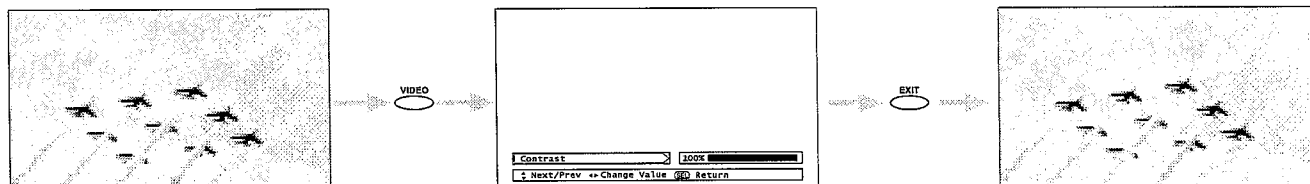
HOW TO USE THE REMOTE TO CONTROL YOUR TV



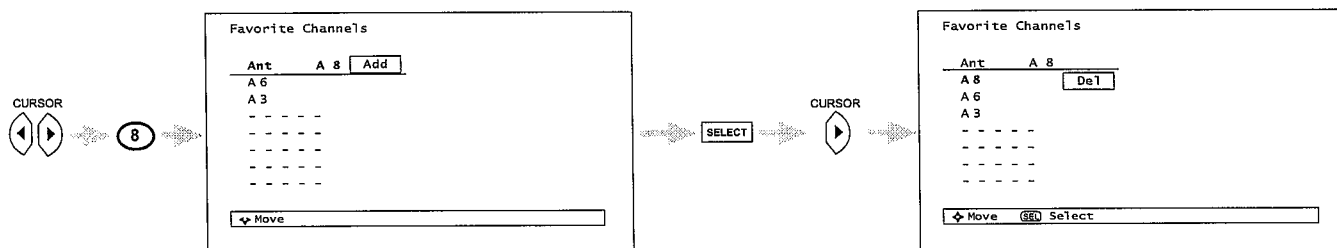
1 POWER button
Press this button to turn the TV set on or off when the remote is in TV mode.

2 PICTURE-IN-PICTURE buttons
See separate section on pages 25, 26 and 27 for description.

3 VIDEO button
Press this button to directly access the VIDEO adjustment menu.



4 SELECT, MENU, CURSOR buttons
All the On-Screen Display features can be set or adjusted by using the CURSOR buttons, except for numeric entries. The CURSOR will highlight functions or adjust and set different features. Press the CURSOR toward desired direction then press the SELECT button to select.



When no on-screen displays are on the TV screen, use CURSOR ◀ or ▶ to access the Favorite Channels feature.

To add channels to Favorite Channels, use the number keys to enter the channel number. Use CURSOR ▶ to highlight "Add", then press SELECT to store the channel to the Favorite Channel feature.

To delete (Del) the channel from the Favorite Channel, use CURSOR ▲, ▼ to highlight the channel, then CURSOR ▶ to highlight Delete (Del) and press SELECT to delete.

To view a Favorite Channel use CURSOR ▲, ▼ to highlight the channel and press SELECT to view.

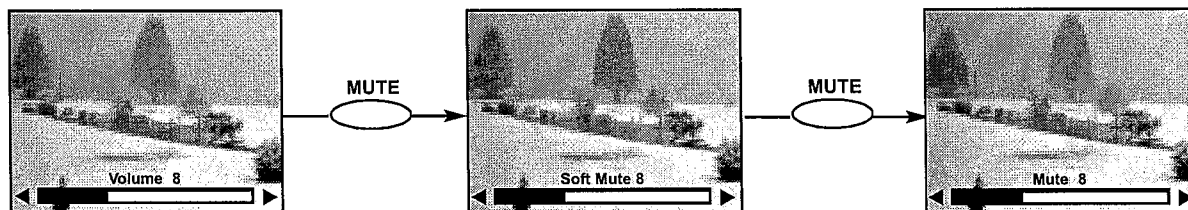


HOW TO USE THE REMOTE TO CONTROL YOUR TV

⑤ VOLUME, MUTE button

Press the VOLUME up (▲) or down (▼) button until you obtain the desired sound level.

To reduce the sound to one half of normal volume (SOFT MUTE) to answer the telephone, etc., press the MUTE button. Press the MUTE button again to turn the sound off completely (MUTE). To restore the sound, press the MUTE button one more time, or press the VOLUME Up (▲) button.



Closed Captioning will display when MUTE/SOFT MUTE is on and Closed Caption is set to AUTO (See page 56).

⑥ CHANNEL selector buttons

CHANNEL selector buttons are used to select channels, lock access code, etc.

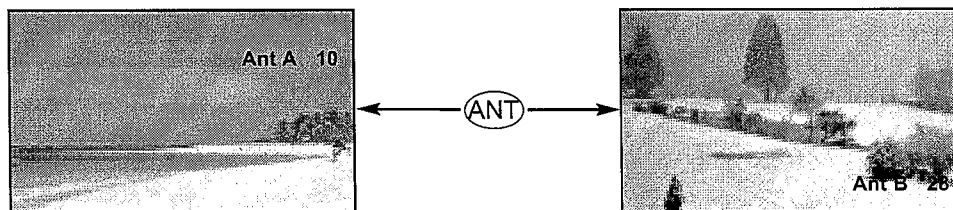
Enter one, two, or three numbers to select channels. Enter "0" first for channels 1 to 9, or simply press the single digit channel you wish to tune then wait a few seconds for the TV to tune. For channels 100 and above, press the "1" button, wait until two dashes appear next to the channel display on your TV, then enter the remaining two numbers using the number buttons.

Channel selection may also be performed by pressing CH up (▲) or down (▼).

NOTE: The TV may not receive some channels if you are not in the correct ANTENNA/CABLE mode. (see page 51)

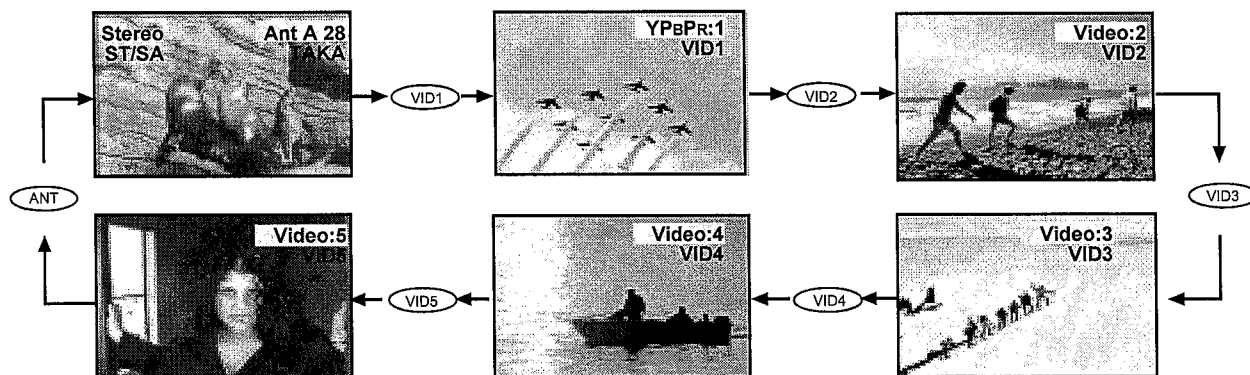
⑦ ANTENNA button

The ANT button will select between Antenna A and Antenna B each time the button is pressed.



⑧ VID1 ~ VID5

When the remote control is in TV mode, press these buttons to directly select the video input sources between the five video inputs. When the remote control is in Set-Top-Box mode (STB) these buttons will control the Set-Top-Box or satellite receiver, and execute the secondary function labeled.



HOW TO USE THE REMOTE TO CONTROL YOUR TV



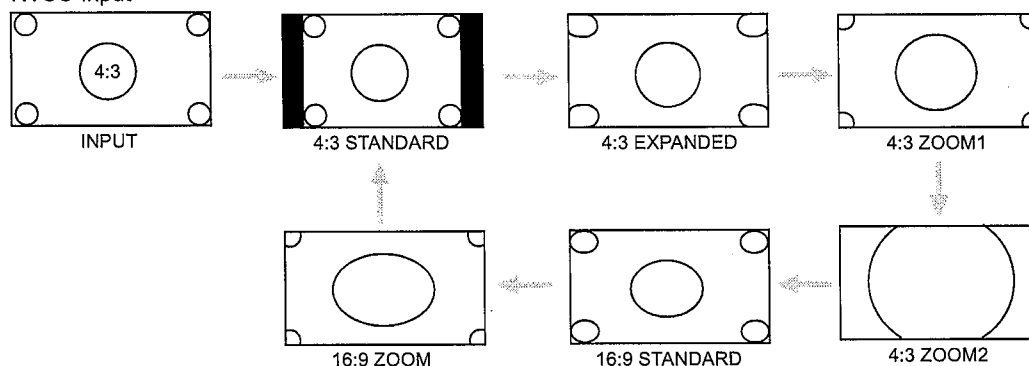
⑨ ASPECT button

Press this button to quickly change the picture format ASPECT ratio.

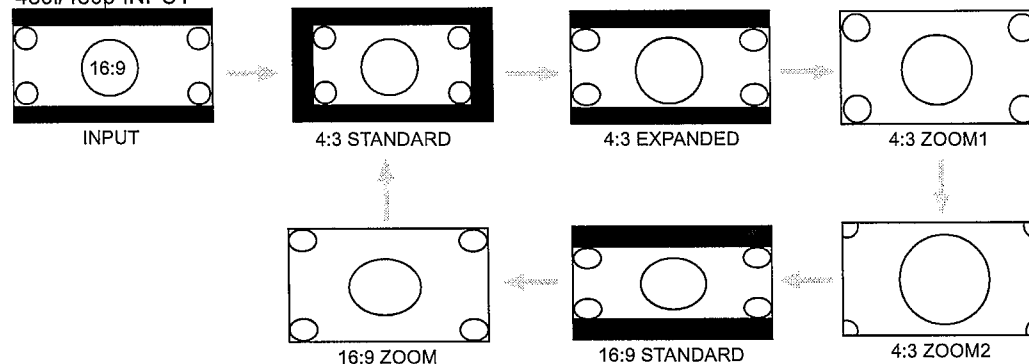
Depending on the input signal, the picture format ratio allows you to adjust the images through the following options.

- 4:3 STANDARD** Use this aspect mode to display conventional (4:3) images. Side panels (gray areas) are placed to the left and right of the image to preserve the original aspect ratio of the source. Note: Use this mode for only 15% of your total viewing time to prevent uneven aging of the phosphors. Phosphors in the lighted area of the picture will age more rapidly than the gray areas.
- 4:3 EXPANDED** Use this aspect mode to display conventional (4:3) sources by expanding the outer edges of the image to fill the 16:9 screen. The center of the image remains unaltered.
- 4:3 Zoom1/Zoom2** Use these aspect modes to zoom in on conventional (4:3) sources.
- 16:9 STANDARD** Use this aspect mode to display 16:9 sources like HDTV and DVD's preserving the original 16:9 aspect ratio.
- 16:9 Zoom** Use this aspect to Zoom-in once while in 16:9 aspect.

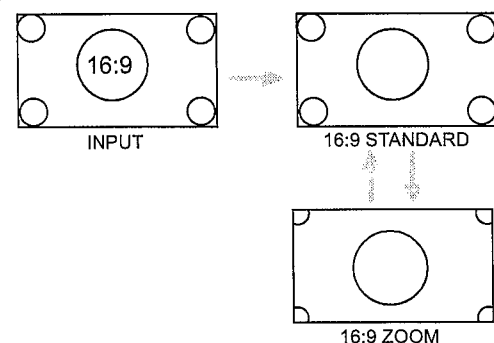
(1) NTSC Input



(2) 480i/480p INPUT



(3) 720p/1080i INPUT





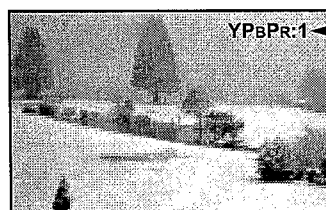
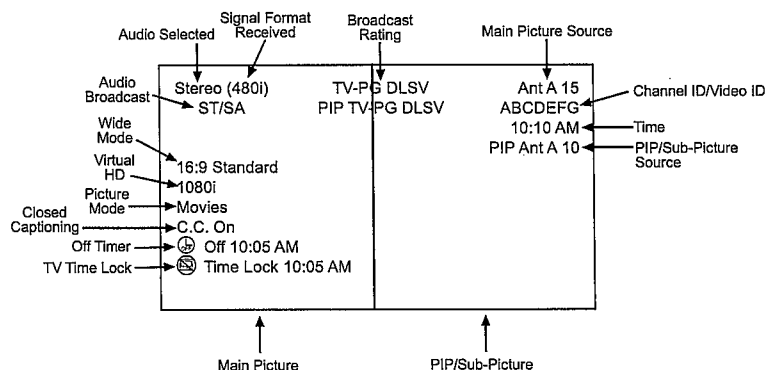
HOW TO USE THE REMOTE TO CONTROL YOUR TV

⑩ VIRTUAL HD button

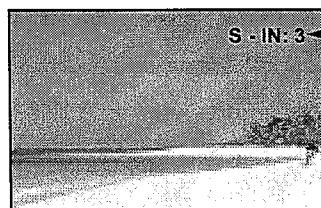
Press this button to toggle between 1080i and 540p.

⑪ INFO button

Press this button when you want to check the channel being received, the picture source, if the channel has stereo (ST) or second audio program (SAP), the time and CHANNEL ID.



When a COMPONENT VIDEO: Y-PbPr Input is connected to VIDEO: 1.



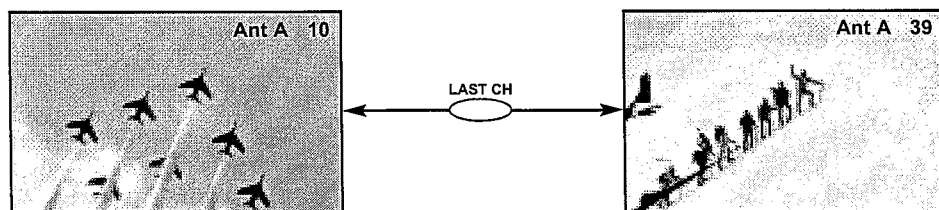
When an S-VIDEO Input is connected to VIDEO: 3.

⑫ EXIT button

When in MENU mode, this button will exit all On-Screen Displays.

⑬ LAST CHANNEL (LAST CH) button

Use this button to select between the last two channels viewed. (Good for watching two sporting events, etc.)



⑭ PIP CH button

Use the PIP CH button to select between main picture and sub-picture tuning. The channel number which is highlighted indicates what channel is being controlled.

⑮ MENU button

The MENU button will start the On-Screen Display.



USING THE REMOTE TO CONTROL VCR FUNCTIONS

Operating the precoded function for your VCR.

This remote is designed to operate different types of VCRs. You must first program the remote to match the remote system of your VCR. (refer to page 31 for pre-codes)

1. Turn ON your VCR.
2. Aim the remote control at the front of your VCR.
3. Press and release the DVD/VCR button to switch to VCR pre-coded mode.
4. Hold down the DVD/VCR button on the remote and enter the two digit preset code that matches your VCR, as shown on page 31.
5. Aim the remote at the VCR and press the POWER button. The remote will turn off your VCR when the correct two digit preset code is entered. When this occurs, the remote control is programmed for your VCR. If the VCR does not turn off, try a different two digit preset code.
6. The remote will now control your VCR.

NOTES:

1. If your VCR cannot be operated after performing the above procedures, your VCR's code has not been precoded into the remote.
2. In the unlikely event that your VCR cannot be operated after performing the above procedures, please consult your VCR operating guide.
3. The remote control will remember the codes you have programmed until the batteries are removed from the remote control. After replacing the batteries repeat the entire programming procedure as stated above.

① DVD/VCR Button

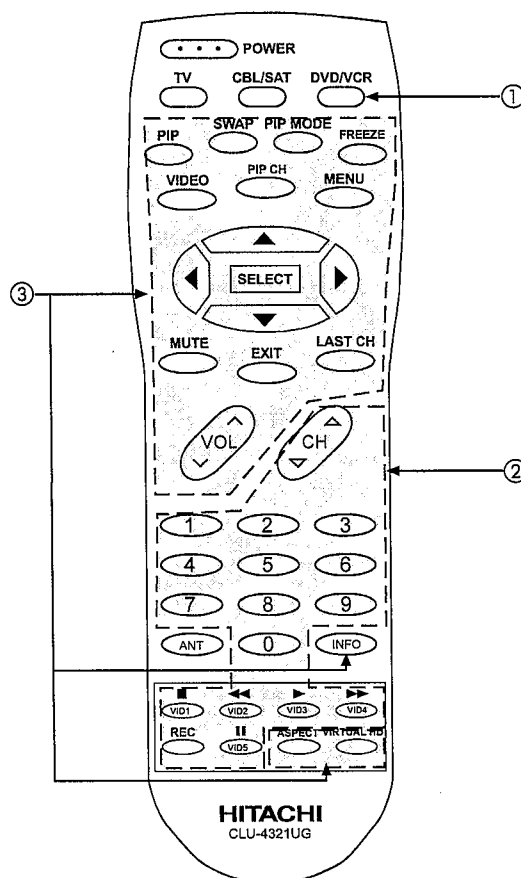
This button allows the remote to control your VCR by setting it to VCR mode.

② PRECODED VCR Buttons

These buttons transmit the chosen precoded VCR codes. For some VCRs, you must press the RECORD button twice to record a program.

③ EXCLUSIVE TV Buttons

These buttons are for operating the TV.



MY VCR CODE IS: _____

NOTE: Refer to instruction manual of the VCR for operation of the buttons exclusively for the VCR.

USING THE REMOTE TO CONTROL CABLE/SATELLITE BOX FUNCTIONS



Operating the precoded function for your cable/satellite box.

This remote is designed to operate different types of cable/satellite boxes. You must first program the remote to match the remote system of your cable/satellite box. (refer to page 31)

1. Turn ON your cable/satellite box.
2. Aim the remote control at the front of your cable/satellite box.
3. Press and release the cable/satellite (CBL/SAT) button to switch to cable/satellite pre-coded mode.
4. Hold down the CBL/SAT button on the remote and enter the two digit preset code that matches your cable/satellite box as shown on page 31.
5. Aim the remote at the cable/satellite box and press the POWER button. The remote will turn off your cable/satellite box when the correct two digit preset code is entered. When this occurs, the remote control is programmed for your cable/satellite box. If the box does not turn off, try a different two digit preset code.
6. The remote will now control your cable/satellite box.

NOTES:

1. If your cable/satellite box cannot be operated after performing the above procedures, your cable/satellite box code has not been precoded into the remote.
2. In the unlikely event that your cable/satellite box cannot be operated after performing the above procedures, please consult your cable/satellite box operating guide.
3. The remote control will remember the codes you have programmed until the batteries are removed from the remote control. After replacing the batteries repeat the entire programming procedure as stated above.

① CABLE (CBL/SAT) button

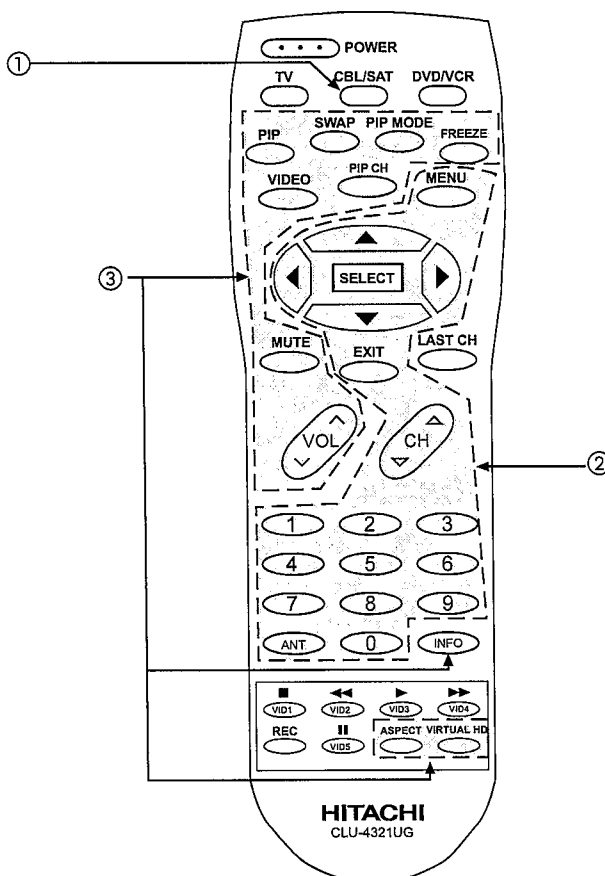
This button allows the remote to control your cable/satellite box by setting it to CABLE/SATELLITE mode.

② PRECODED CABLE/SATELLITE BOX buttons

These buttons transmit the chosen precoded cable/satellite codes.

③ EXCLUSIVE TV buttons

These buttons are for operating the TV.



**MY CABLE/SATELLITE
BOX CODE IS:** _____

NOTE: Refer to instruction manual of the Cable/Satellite Box for operation of the buttons exclusively for the Cable/Satellite Box.



USING THE REMOTE TO CONTROL DVD FUNCTIONS

Operating the precoded function for your DVD player.

This remote is designed to operate different types of DVD players. You must first program the remote to match the remote system of your DVD player. (refer to page 31 for pre-codes)

1. Turn ON your DVD player.
2. Aim the remote control at the front of your DVD player.
3. Press and release the DVD/VCR button to switch to DVD pre-coded mode.
4. Hold down the DVD/VCR button on the remote and enter the two digit preset code that matches your DVD player, as shown on page 31.
5. Aim the remote at the DVD player and press the POWER button. The remote will turn off your DVD player when the correct two digit preset code is entered. When this occurs, the remote control is programmed for your DVD player. If the DVD player does not turn off, try a different two digit preset code.
6. The remote will now control your DVD player.

NOTES:

1. If your DVD player cannot be operated after performing the above procedures, your DVD player's code has not been precoded into the remote.
2. In the unlikely event that your DVD player cannot be operated after performing the above procedures, please consult your DVD player operating guide.
3. The remote control will remember the codes you have programmed until the batteries are removed from the remote control. After replacing the batteries repeat the entire programming procedure as stated above.

① DVD/VCR Button

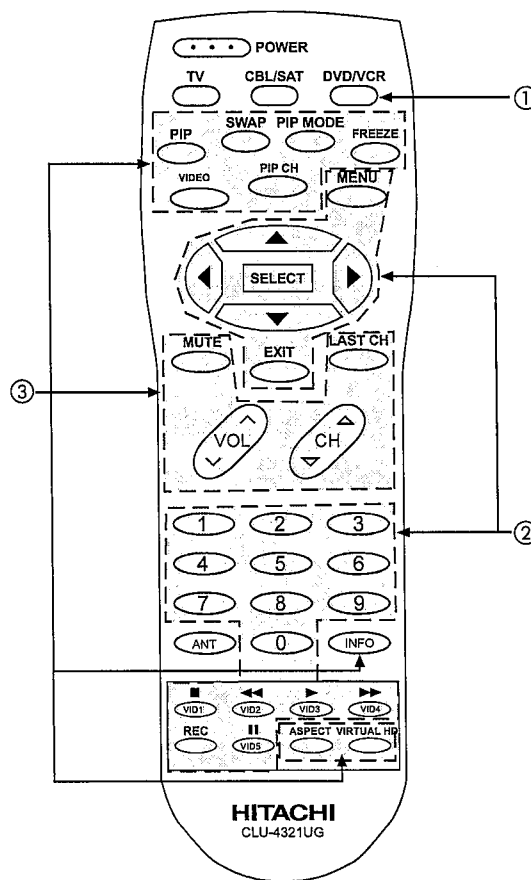
This button allows the remote to control your DVD player by setting it to DVD mode.

② PRECODED DVD Buttons

These buttons transmit the chosen precoded DVD codes.

③ EXCLUSIVE TV Buttons

These buttons are for operating the TV.



MY DVD PLAYER CODE IS: _____

NOTE: Refer to instruction manual of the DVD player for operation of the buttons exclusively for the DVD player.

CABLE, SATELLITE, VCR AND DVD CODES FOR REMOTE CONTROL



CABLE BRAND	CODE
General Instrument	.17
Hamlin	.22,23,24,25
Jerrold	.00,01,02,03,04,05,06,07,21
Oak	.26,27,28
Panasonic	.18,19,20
Pioneer	.13,14
Scientific Atlanta	.08,09,10
Tocom	.15,16
Zenith	.11,12

SATELLITE BRAND	CODE
Ecostar	.32
Hitachi	.29
Hughes	.33
Panasonic	.34
RCA	.30,35
Samsung	.36
Sony	.31

VCR BRAND	CODE
Alwa	.48
Daewoo	.45
Emerson	.20,21,22,23,24
Fisher	.34,37,38,39
Funai	.52
General Electric	.33
Goldstar	.36
Hitachi	.00,01,02,03,04,05,06
JVC	.18,49,50,51
Magnavox	.12,13,14
Mitsubishi	.27,28,29,30
NEC	.40,41
Panasonic	.10,11
Philips	.14
Samsung	.17,25,26
Scott	.16
Sharp	.31,32
Shintom	.19
Sony	.07,08,09
Symphonic	.42
Teknica	.46
Toshiba	.15

DVD BRAND	CODE
Hitachi	.53, 59, 60
Panasonic	.55
Pioneer	.56
RCA	.57
Samsung	.59
Sanyo	.60
Sony	.54
Toshiba	.58