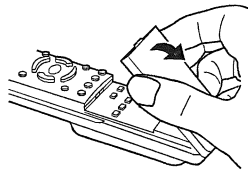
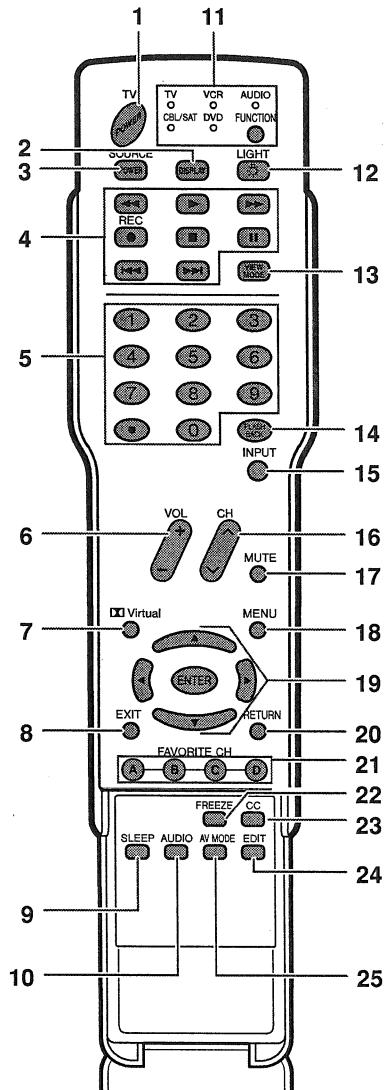


Part names

Remote control unit



NOTE

- When using the remote control unit, point it at the TV.

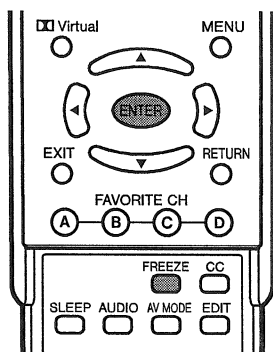
- 1 TV POWER:** Switches the TV power on or enters standby mode. (See page 14.)
- 2 DISPLAY:** Displays the channel information.
- 3 SOURCE POWER:** Turns the power of the external equipment on and off.
- 4 External equipment operational buttons:** Operates the external equipment.
- 5 0 – 9/• (DOT):** Sets the channel.
- 6 VOL +/-:** Sets the volume. (See page 17.)
- 7 Virtual:** Selects Virtual Dolby Surround settings. (See page 17.)
- 8 EXIT:** Turns off the menu screen.
- 9 SLEEP:** Sets the sleep timer. (See page 42.)
- 10 AUDIO:** Selects the MTS/SAP or the audio mode during multi-channel audio broadcasts. (See page 18.)
- 11 FUNCTION:** Switches the remote control for TV, CBL/SAT, VCR, DVD and AUDIO operation. Indicator lights up for the current mode. (See page 52 to 55 for details.)
* To enter the code registration mode, you need to press **FUNCTION** and **DISPLAY** at the same time.
- 12 Light icon:** When pressed all buttons on the remote control unit will light. The lighting will turn off if no operations are performed within about 5 seconds. This button is used for performing operations in low-light situations.
- 13 VIEW MODE:** Selects the screen size. (See pages 39 and 40.)
- 14 FLASHBACK:** Returns to the previous channel or external input mode. (See page 16.)
- 15 INPUT:** Selects a TV input source. (TV, INPUT 1, INPUT 2, INPUT 3, INPUT 4, INPUT 5) (See pages 29 and 37.)
- 16 CH \wedge/\vee :** Selects the channel.
- 17 MUTE:** Mutes the sound. (See page 17.)
- 18 MENU:** Displays the menu screen.
- 19 $\blacktriangle/\blacktriangledown/\blacktriangleleft/\blacktriangleright$ /ENTER:** Selects a desired item on the screen.
- 20 RETURN:** Returns to the previous menu screen.
- 21 FAVORITE CH**
A, B, C, D: Selects four preset favorite channels in four different categories. (See page 22 for details.)

While watching, you can toggle the selected channels by pressing A, B, C and D.
- 22 FREEZE:** Sets the still image. Press again to return to normal screen. (See page 52.)
- 23 CC:** Displays captions during closed-caption source. (See page 43.)
- 24 EDIT:** Registers favorite channel.
- 25 AV MODE:** Selects an audio or video setting. (See page 39.) (AV mode: STANDARD, MOVIE, GAME, USER, DYNAMIC (Fixed), DYNAMIC. PC mode: STANDARD, USER.)

Other viewing options

Picture and still image

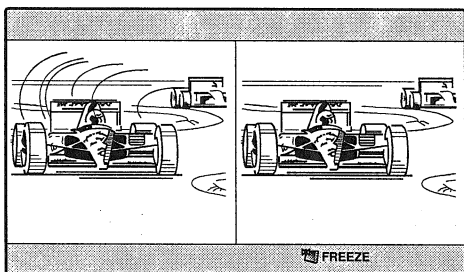
You can display two same-sized pictures – one moving and one still.



1

Press **FREEZE**.

- A moving image displays on the left screen and a still image displays on the right screen. The still image is one frame captured from a moving image at the moment you press **FREEZE**.



2

Update the still image by pressing **ENTER**.

- Each time you press **ENTER**, the image on the right screen updates.

3

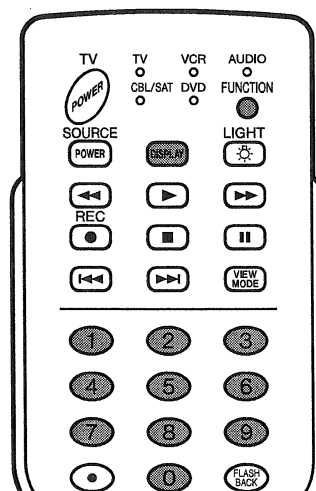
Press **FREEZE** to exit still image.

NOTE

- This function does not work in INPUT 4 (HDMI) and INPUT 5 (DVI-I).
- When this function is not available, "No displaying still image available." will display.
- The still image automatically goes out after 30 minutes.
- If you are using freeze function and a broadcast activates the V-CHIP BLOCK, freeze function will be cancelled and a V-CHIP BLOCK message will appear.

Presetting remote control function

You can operate the connected AV products (AV Receiver, Cable Box, SAT tuner, DTV, VCR, DVD, LD) using the presetting manufacturer function for your remote control unit.



Presetting manufacturer codes

1

Press **FUNCTION** until the LED for your device lights up.

2

After the LED for your device lights up, if you press **FUNCTION** and **DISPLAY** and enter the code registration mode, the LED will blink.

3

Press **0 – 9** to enter the manufacturer code. (See page 53.)

- Preset mode is finished once the LED no longer lights up.

4

After registering the code, the LED will stop blinking then turn off after one second. (If you perform an incorrect operation, the LED will blink quickly then turn off.)

Other viewing options

Manufacturer codes

VCR BRAND	REMOTE CONTROL CODE NUMBER
Akai	25, 26, 37
Audio	15, 22, 30
Broksonic	32
Canon	04
Capehart	34
Craig	10, 31
Curtis Mathis	04
Daewoo	34
DBX	15, 22, 30
Dynatech	29
Emerson	21, 32, 35
Fisher	09, 10, 11
Funai	28, 29
G.E.	04
Goldstar	24
Hitachi	06, 47
Instant Replay	04
JC Penney	04, 06, 24, 30
JVC	15, 41, 42, 53
Kenwood	14, 15
Lloyds	29
Magnavox	04, 05, 08
Magnin	31
Marantz	30
Memorex	04, 10, 24, 29
Minolta	06
Mitsubishi	17, 18, 39, 40
Montgomery Ward	02, 43
Multitech	29
NEC	15, 22, 30
Panasonic	44, 45
Pentax	05, 06
Philco	05
Philips	05, 08
RCA	06, 07, 33, 51
Realistic	01, 02, 10, 24
Samsung	23, 31
Sanyo	10, 14, 52
Scott	20
Sears	06, 11, 24
Sharp	01, 02, 03
Shintom	36
Sony	12, 13, 38
Sound Design	29
Sylvania	05, 08
Symphonic	29
Tatung	15
Teac	15, 29
Teknika	27, 29
Thomas	29
TMK	21
Toshiba	19, 20
Video Concepts	30
Yamaha	15, 29, 30
Zenith	16

DVD/LD BRAND	REMOTE CONTROL CODE NUMBER
Denon	02
JVC	09, 13
Kenwood	21
Magnavox	04
Marantz	04
Mitsubishi	06
Panasonic	02, 22
Philips	04, 23
Pioneer	08, 11, 20
Proscan	03
RCA	03, 24
Samsung	07, 12
Sharp	01, 10
Sony	05, 25
Toshiba	04
Yamaha	02
Zenith	04

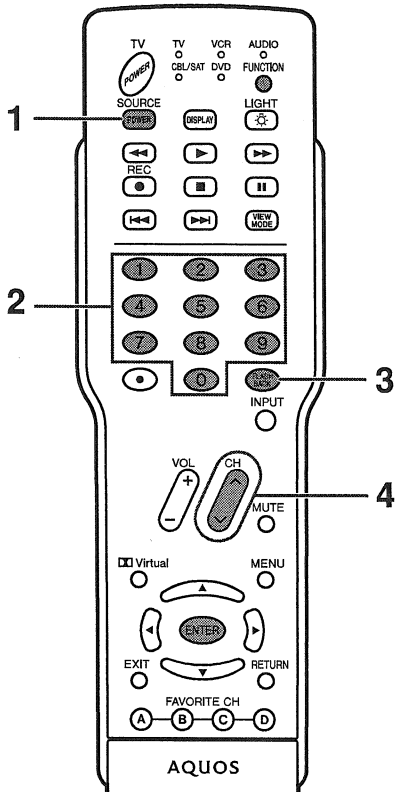
CATV/SAT BRAND	REMOTE CONTROL CODE NUMBER
Anvision	04, 05
Cable Star	04, 05
Eagle	05
General Instrument	02, 03, 07, 12, 13, 14, 19, 22
Jerrold	02, 03, 07, 12, 13, 14, 19, 22, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40
Magnavox	04, 05, 09, 14, 17, 18, 20, 21, 24, 25
Oak Sigma	8
Panasonic	16, 23
Philips	04, 05, 09, 15, 17, 18, 20, 21, 24, 25
Pioneer	08, 10, 29, 30, 43*, 46
Randtek	04, 05
RCA	16, 27, 44*, 45*
Scientific Atlanta	01, 26
Sony	28
Viewstar	04, 05, 09, 15, 17, 18, 20, 21, 24, 25
Zenith	06, 14

NOTE

- Numbers marked with * are SAT codes, all others are CATV codes.

AUDIO BRAND	REMOTE CONTROL CODE NUMBER
Sharp	01

Other viewing options



Cable control buttons

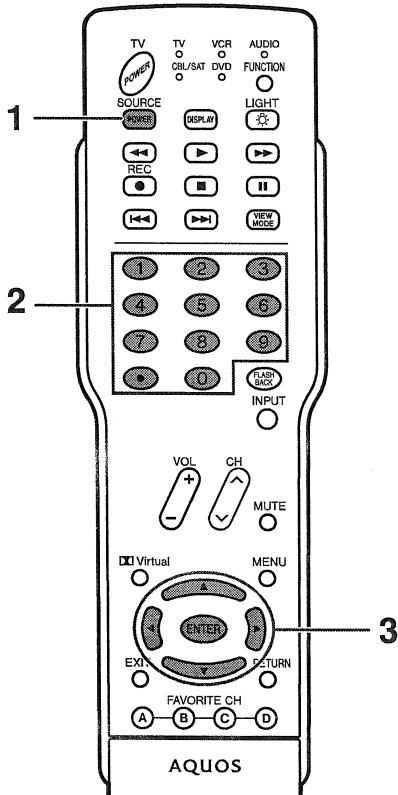
When the **FUNCTION** is set to CBL/SAT the cable converter connected to the TV can operate using 1 to 4.

- 1 SOURCE POWER**
Turns the cable converter power on and off.
- 2 0 - 9**
Press a button (or buttons) that corresponds to the channel that you wish to watch.
- 3 FLASHBACK ***
Press to switch between the current channel and the channel you were watching immediately before.
- 4 CH \wedge / \vee**
Press **CH \wedge** or **CH \vee** to tune in a higher or lower channel.

* Some manufacturers do not preset **FLASHBACK**.

NOTE

- CABLE and SAT cannot be selected at the same time.



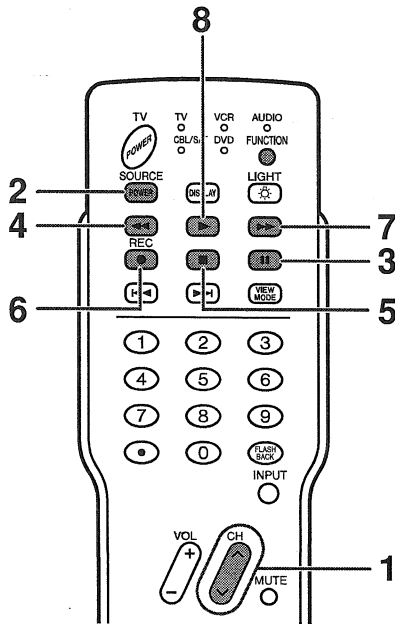
SAT control buttons

- 1 SOURCE POWER**
Turns the Satellite broadcast tuner power on and off.
- 2 0 - 9, • (DOT)**
Press a button (or buttons) that corresponds to the channel that you wish to watch.
- 3 ENTER, \wedge / \vee / \leftarrow / \rightarrow**
ENTER: Press to activate the selected function.
 \wedge / \vee / \leftarrow / \rightarrow : Press the button to select items on the SAT GUIDE screen or SAT MENU screen.

NOTE

- CABLE and SAT cannot be selected at the same time.

Other viewing options

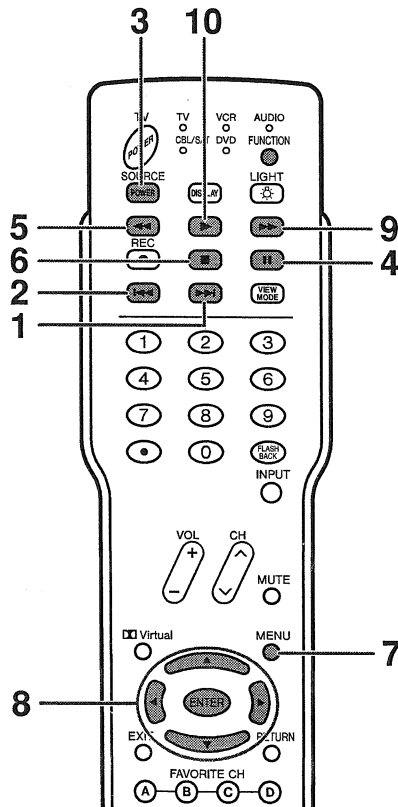


VCR control buttons

The remote control unit button will function as follows when the **FUNCTION** of the remote control unit is set to VCR.

- When the input selector button having the same number as the input terminal connecting the VCR is pressed, the VCR can operate using 1 to 8.

- 1 CH \wedge/\vee**
Press to select the channel of the TV tuner on the VCR.
- 2 SOURCE POWER**
Turns the power of the VCR on and off.
- 3 \parallel**
Sets pauses and still pictures.
- 4 \lll**
Rewinds the tape and allows picture search.
- 5 \blacksquare**
Stops the tape transport.
- 6 REC**
Starts recording.
- 7 \ggg**
Rapidly advances the tape and allows picture search.
- 8 \blacktriangleright**
Starts playback.



DVD control buttons

The remote control unit button will function as follows when the **FUNCTION** of the remote control unit is set to DVD.

- When the input selector button having the same number as the input terminal connecting a DVD player is pressed, these players can operate using 1 to 10.

- 1 \ggg**
Pressing quickly once takes you to the start of the next chapter. Each time you press it, you move ahead to the start of the next chapter.
- 2 \lll**
Pressing quickly once takes you to the start of the chapter currently playing. Each time you press it, you move back to the start of the previous chapter.
- 3 SOURCE POWER**
Turns the power of the DVD player on and off.
- 4 \parallel**
Set pauses and still pictures.
- 5 \lll**
Continue pressing to go backward.
- 6 \blacksquare**
Playback stops when pressing once. With some DVD players, pressing the button twice may open the disc tray.
- 7 MENU**
When this button is pressed, the DVD menu will display.
- 8 ENTER, $\blacktriangle/\blacktriangledown/\blacktriangleleft/\blacktriangleright$**
ENTER: Press to activate the selected function.
 $\blacktriangle/\blacktriangledown/\blacktriangleleft/\blacktriangleright$: Press the button to select items on the DVD MENU screen.
- 9 \ggg**
Continue pressing for fast forward.
- 10 \blacktriangleright**
Starts playback.