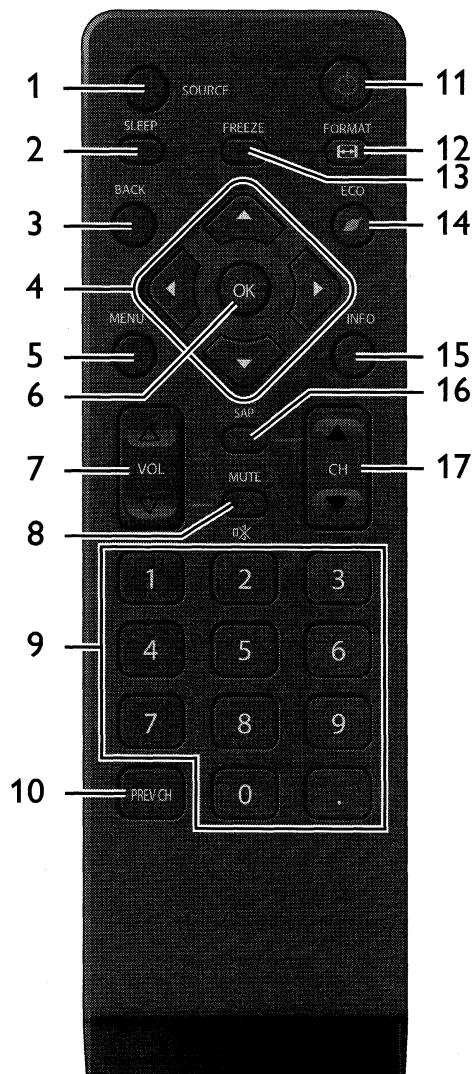


Remote Control Function



- | | | |
|----|---|--|
| 1 | SOURCE | ➡ p.16 |
| 2 | SLEEP | ➡ p.16 |
| 3 | BACK | ➡ p.18 |
| | Press to return to the previous menu operation. | |
| 4 | ▲/▼/◀/▶ (cursor) | ➡ p.15 |
| 5 | MENU | ➡ p.19 |
| 6 | OK | ➡ p.15 |
| 7 | VOL ▲/▼ | ➡ p.16 |
| 8 | MUTE 静音 | ➡ p.16 |
| 9 | Number buttons | ➡ p.17 |
| | • (dot) | Press to shift the subchannel from the main channel. |
| 10 | PREV CH | ➡ p.17 |
| | Press to return to previously viewed channel. | |
| 11 | ⏻ (power) | ➡ p.15 |
| 12 | FORMAT 画面 | ➡ p.17 |
| | Press to select aspect ratio available for the TV screen. | |
| 13 | FREEZE | ➡ p.17 |
| | Press to freeze screen image. | |
| 14 | ECO 节能 | ➡ p.18 |
| | Press to reduce the brightness. | |
| 15 | INFO | ➡ p.18 |
| 16 | SAP | ➡ p.16 |
| 17 | CH ▲/▼ | ➡ p.17 |

When using a universal remote control to operate this unit.

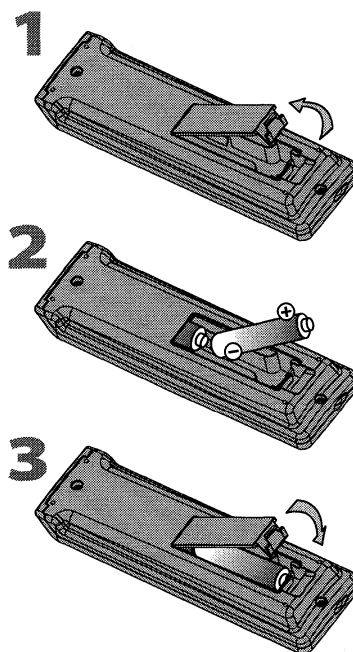
- Make sure the component code on your universal remote control is set to our brand. Refer to the manual accompanying your remote control for more details.
- We do not guarantee 100% interoperability with all universal remote controls.

Battery Precautions:

- Be sure to follow the correct polarity as indicated in the battery compartment. Reversed batteries may cause damage to the device.
- Do not mix different types of batteries together (e.g. Alkaline and Carbon-Zinc, or rechargeable batteries like ni-cad, ni-mh, etc) or old batteries with fresh ones.
- If the device is not to be used for a long period of time, remove the batteries to prevent damage or injury from possible battery leakage.
- Do not try to recharge batteries; they can overheat and rupture.

Installing the Batteries

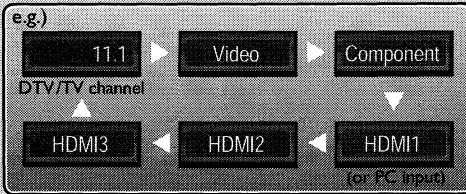
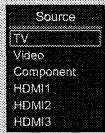
Install the batteries (AAA, 1.5V x 2) matching the polarity indicated inside battery compartment of the remote control.



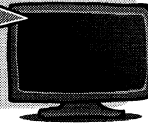
WATCHING TV

Switching Each Input Mode can easily switch with the remote control between TV (ATSC or NTSC) and external devices when they are connected to the unit.

Press **SOURCE** or **CH ▲** repeatedly to cycle through the input modes.



- Pressing **CH ▼** reverses the direction of the input modes.



Sleep Timer

can be set to automatically turn off the unit after an incremental period of time.

Press **SLEEP** repeatedly to change the amount of time (increases the time by 30 minutes up to 120 minutes) until shut off.



Press **SLEEP** once to call up the display for checking the remaining time.

- To cancel sleep timer, press **SLEEP** repeatedly until **[Sleep Off]** is displayed.



Sound Functions

describe how to change the audio or the audio language as well as the volume.

Volume Adjustment

Use **VOL ▲/▼** to adjust the volume.



will be displayed for a few seconds when adjusting the volume.



Silence Mode

Press **MUTE** to turn off the sound temporarily.

Mute will be displayed for a few seconds.

- Press **MUTE** again or **VOL ▲/▼** to recover the original volume.



Switching Audio Mode

ATSC

Press **SAP** repeatedly to cycle through the available audio languages.

- Available languages differ depending on the broadcast.
- [Other]** is displayed when the audio language cannot be acquired, or the acquired languages are other than English, Spanish or French.



NTSC

Press **SAP** to display the currently selected audio mode.

While receiving an MTS broadcast, press repeatedly to cycle through the available audio channel.

e.g.) When all audio are available



STEREO : Outputs stereo-audio

SAP : Outputs second audio program

MONO : Outputs mono-audio



Freeze Mode can freeze the image shown on the TV screen for 5 minutes.

Press **FREEZE** to freeze the image.



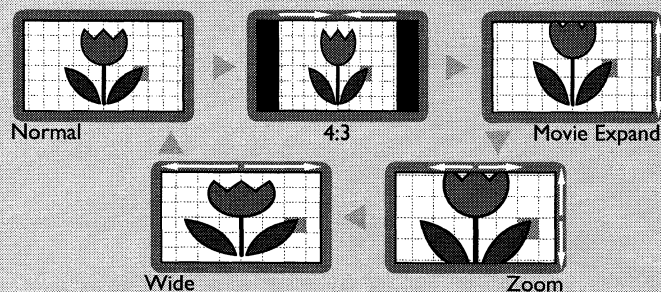
- The sound output will not be paused.
- To cancel freeze mode, press any buttons except **OK**.

TV Screen Display Mode

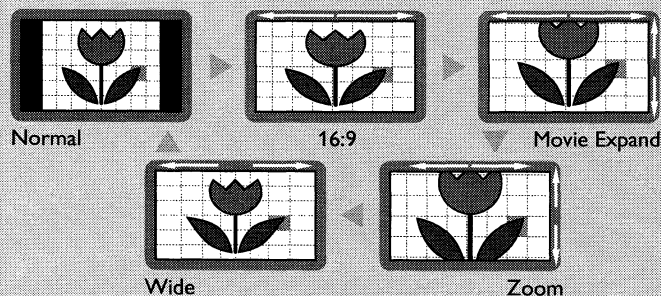
5 types of display modes can be selected when the broadcasting station is sending 16:9 or 4:3 video signal. And 3 types of display modes can be selected for PC input signal.

Press **FORMAT** repeatedly to switch the TV aspect ratio.

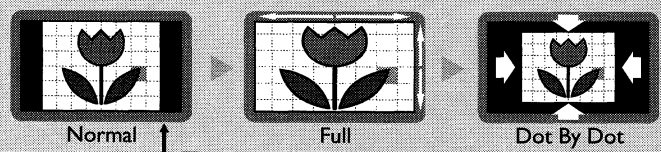
For 16:9 video signal



For 4:3 video signal



For PC input signal through **HDMI** Input mode



Normal displays a 16:9 picture at its original size.

4:3 displays a 16:9 picture at a 4:3 size; the picture is shortened horizontally. Sidebars appear on both edges of the screen.

Movie Expand displays a 16:9 picture that is vertically stretched to fill the screen. This only crops out the top of the picture.

Zoom displays a 16:9 picture at its maximum size without changing its horizontal and vertical ratio.

Wide displays a horizontally stretched picture. This crops out the left and right sides of the picture.

Normal displays a 4:3 picture at its original size.

Sidebars appear on both edges of the screen.

16:9 displays a 4:3 picture at a 16:9 size; the picture is stretched horizontally to fill the screen.

Movie Expand displays a 4:3 picture at a 16:9 size; the picture is stretched more vertically at the top of the screen. This crops out the top of the picture.

Zoom displays a 4:3 picture at a 16:9 size; at its maximum size that is more vertically stretched to fill the screen. This crops out the top and bottom of the picture.

Wide displays the picture with its center at the original size and the edges stretched horizontally to fill the screen.

Normal displays a proportionately stretched picture. Sidebars appear on both edges of the screen.

Full displays a picture that is stretched out of proportion horizontally to fill the screen.

Dot By Dot displays a picture in its original size.

Channel Selection

Select channels by using **CH ▲/▼** or the **Number** buttons.

- To select the memorized channels, use **CH ▲/▼** or the **Number** buttons.
- To select the non-memorized channels, use the **Number** buttons.

To use the **Number** buttons

ATSC

- When selecting digital channel 11.1, Be sure to press **•** before entering the subchannel number.



NTSC

- When selecting cable or analog channel 11



Press **PREV CH** to return to the previously channel.

Note

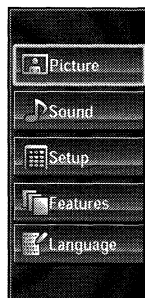
- **[No Signal]** will appear on the TV screen after the subchannel broadcast is over.
- **[Audio only program]** message will appear on the TV screen, when you receive only sound signal.

OPTIONAL SETTING

Main Menu

This section describes the overview of the main menu displayed when you press **MENU**. The main menu consists of the function setting items below.

Press **MENU**.



- | | | |
|-----------------|--|--------|
| Picture | [Picture Adjustment] | ➡ p.22 |
| Sound | [Sound Adjustment] | ➡ p.23 |
| Setup | [Autoprogram] | ➡ p.19 |
| | • You can automatically scan the viewable channels. | |
| | [Channel List] | ➡ p.20 |
| | • The Channels that were autoprogrammed are in this Channel list, use CH ▲/▼ to access them. | |
| | [Add Channels] | ➡ p.20 |
| | • You can add TV channels that were not found by the autoprogram scan. | |
| Features | [Closed Caption] | ➡ p.24 |
| | • You can change the display closed caption format which displays the dialogue of a TV program or other text information across the TV screen. | |
| | [Child Lock] | ➡ p.27 |
| | • You can set viewing limitations. | |
| | [Fun-Link] | ➡ p.29 |
| | • You can set Fun-Link options. | |
| | [Energy Saving Mode] | ➡ p.30 |
| | [Location] | ➡ p.30 |
| | • Switch setting from [Retail] to [Home] to allow the desired [Picture] and [Sound] mode to be kept in memory. | |
| | [Current Software Info] | ➡ p.30 |
| Language | [Language Selection] | ➡ p.21 |
| | • Change the Main Menu language. | |

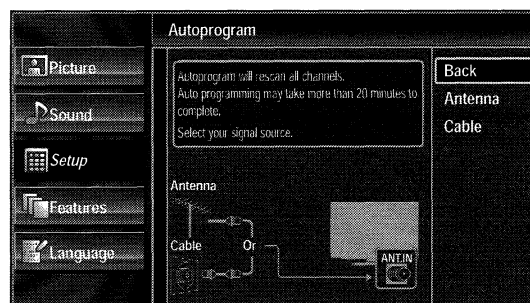
Autoprogram

If you switch wires (e.g. between antenna and CATV) or if you move the unit to a different area after the initial setting, or if you restore the DTV channels you deleted, it is recommended to use Autoprogram to perform a new channel search.

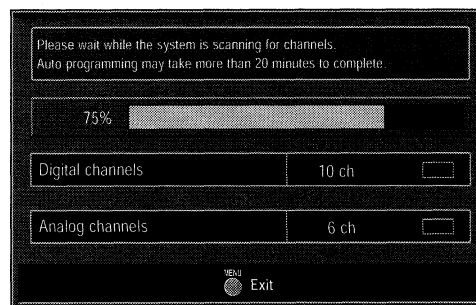
Before you begin:

Make sure the unit is connected to antenna or cable.

- 1 Press **MENU** to display the main menu.
- 2 Use **▲/▼** to select [Setup], then press **OK**.
- 3 Use **▲/▼** to select [Autoprogram], then press **OK**.
- 4 Use **▲/▼** to select an appropriate option, then press **OK**.



- When connected to VHF/UHF antenna, select [Antenna].
- When connected to CATV, select [Cable].
- [Autoprogram] will begin.



- When the scanning and memorizing are completed, the lowest memorized channel will be displayed.

Note

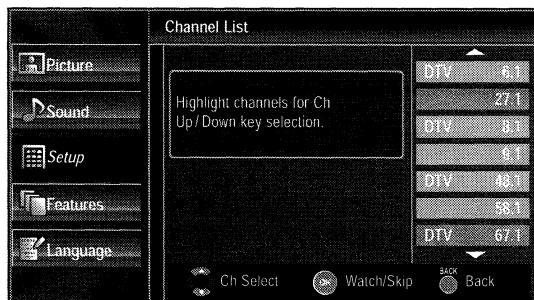
- After setting [Autoprogram], using **CH ▲/▼** on the remote control skips unavailable programs automatically.
- If you are not receiving a signal from your cable service, contact the Cable provider.
- If you press **⏻** or **MENU** during autoprogram, the setting will be canceled.
- Even if [Autoprogram] is completed, the channel setting will be lost if the AC power cord is unplugged before turning off the unit by pressing **⏻**.
- The PIN code will be required once you set a PIN code in the [Child Lock]. ➡ p.27
- If you want to change your PIN code, follow the instruction of [Change PIN]. ➡ p.28

Channel List

The channels selected here can be skipped when selecting the channels using **CH ▲/▼**.

Those channels can still be selected with **the Number buttons**.

- 1 Press **MENU** to display the main menu.
- 2 Use **▲/▼** to select **[Setup]**, then press **OK**.
- 3 Use **▲/▼** to select **[Channel List]**, then press **OK**.
- 4 Use **▲/▼** to select the channel you want to remove, then press **OK**.



- The channel display for the removed channel darkens. You will not be able to select the channel again using **CH ▲/▼**.
- To reactivate a removed channel, use **▲/▼** and press **OK**. The registered channels are highlighted.
- When you remove a main channel, its subchannels are removed as well.

- 5 Press **MENU** to exit.

Note

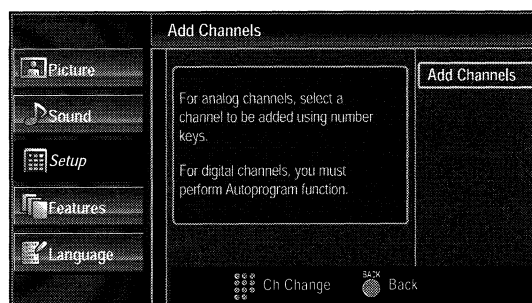
- The channel with the **[DTV]** indicated on the display is ATSC. Otherwise the channel is NTSC.

Add Channels

This function lets you add the channels that were not added by the autoprogram due to reception conditions at the initial setting.

- 1 Press **MENU** to display the main menu.
- 2 Use **▲/▼** to select **[Setup]**, then press **OK**.
- 3 Use **▲/▼** to select **[Add Channels]**, then press **OK**.
- 4 Use **the Number buttons** to enter the number of the channel you want to add, then press **OK**.

11



- 5 Press **MENU** to exit.

Note

- If setup completes successfully, **[Added to the channel list]** is displayed.
- If external input is used, it is not possible to register the channel and **[Unavailable]** will be displayed on the TV screen.
- By using **CH ▲/▼**, you can select the memorized channels only.