



Color Television OWNER'S MANUAL

MODEL : RP-44NA20T

Please read this manual carefully before operating your set.
Retain it for future reference.
Record model number and serial number of the set.
See the label attached on the back cover and quote this
information to your dealer when you require service.

Internet Home Page : www.lge.com

P/N : 3828VA0256 (USA)
P/N : 3828VA0256 (Korea)

Safety Precautions

WARNING : TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.
CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER(OR BACK). NO USER-SERVICEABLE PARTS IN SIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

Cleaning

Unplug this television receiver from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
Do not use attachments not recommended by the television receiver manufacturer as they may cause hazards.

Power Supply

This television receiver should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult your television dealer or local power company.

Installation

Do not use this television receiver near water, for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swim-ming pool, etc.
Do not place this television on a sloping or unstable area as the casters on the bottom of the television may cause it to move and to be damaged.
Slots and openings in the cabinet and the back or bottom are provided for ventilation, and to insure reliable operation of the television receiver, and to protect it from overheating. These openings must not be blocked or

covered. The openings should never be blocked by placing the television receiver on a bed, sofa, rug, or other similar surface. This television receiver should not be placed in a built-in installation such as a bookcase unless proper ventilation is provided.
It is recommended not to operate this unit near speakers or big metallic furnitures in order to keep their magnetism from disturbing colors purity (uniformity) on the screen.

Use

Do not allow anything to rest on the power cord. Do not locate this television receiver where the cord will be abused by persons walking on it. Do not overload wall outlets and extension cords as this can result in fire or electric shock. Never push objects of any kind into this television receiver through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the television receiver.

Service

Do not attempt to service this television yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified personnel.

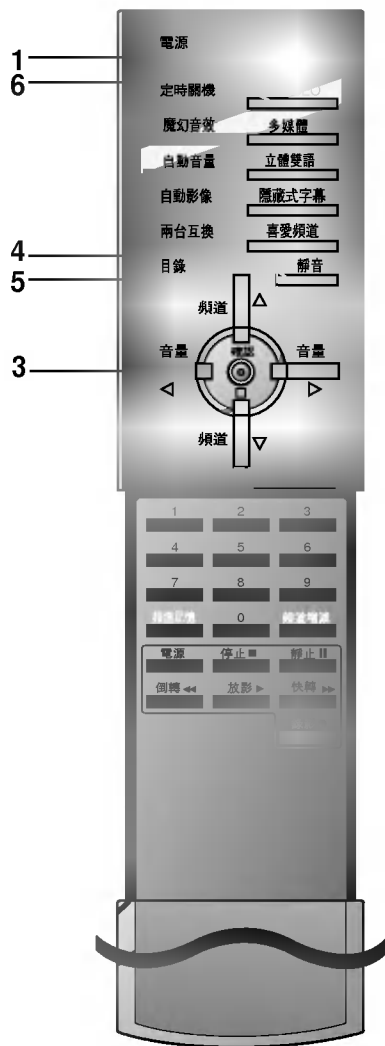
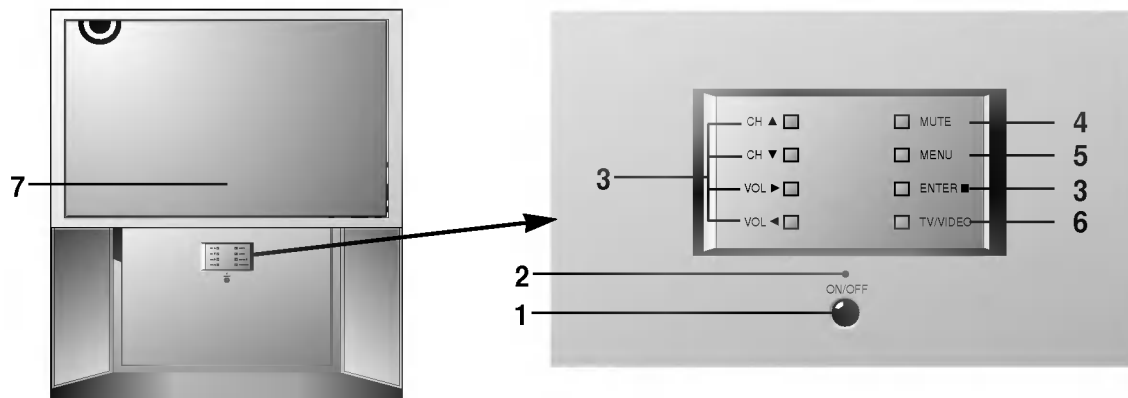
Writing Model And Serial Numbers

The serial number and model number are found on the back of this unit. The serial number is unique to this unit. You should record requested information here and retain this guide as a permanent record of your purchase. Please retain your purchase receipt as your proof of purchase.

Date of Purchase _____
Dealer Purchased from _____
Dealer Address _____
Dealer Phone No. _____
Model No. _____
Serial No. _____

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1. 電源 (or ON/OFF)

Refer to "Turning on/off the TV".

2. POWER/STAND BY INDICATOR

- Illuminates brightly when the TV is in standby mode.
- Dims when the TV is switched on.

3. 頻道 UP/DOWN (▲ / ▼)

- To select the desired channel.
- To select the desired menu item when menu is displayed on the screen.

音量 UP/DOWN (◀ / ▶)

- To increase or decrease volume level.
- To enter or adjust the selected menu when menu is displayed on the screen.

確認 (■)

- To exit from the displayed menu.
- To memorize the adjusted menu.
- To recall the current TV mode (by remote control only).

4. 靜音

To mute the sound. Again to restore the muted sound.

5. 目錄

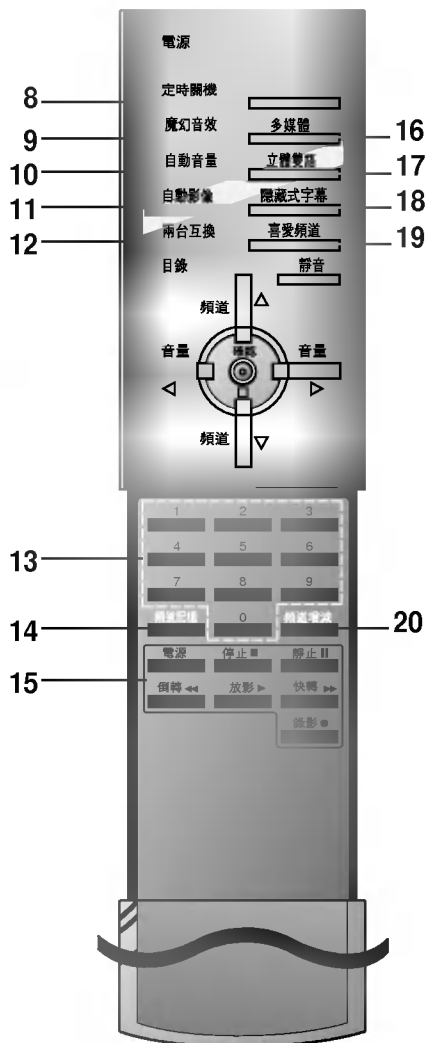
To display on screen menus one by one.

6. TV/VIDEO

To select TV, VIDEO or COMPONENT mode.

7. REMOTE CONTROL SENSOR

When using the remote control, aim it at the screen.



8. 定時關機
To set the desired sleep time.
9. 魔幻音效
To select the sound appropriate to your viewing program character ; **CINEMA, MUSIC, SPORTS** or **USER**.
10. 自動音量
To keep on equal volume level of each channels.
11. 自動影像
To adjust the factory preset pictures corresponding to the lighting around.
12. 兩台互換
To return to the previous channel.
13. **NUMBER**
To select the desired channel directly.
14. 頻道記憶
To memorize channels by AUTO PROGRAM.
15. **VCR**
To control LG video cassette recorder.
16. 多媒體
To select COMPONENT mode.
17. 立體雙語
To listen to the MTS sound ; **MONO, STEREO** or **SAP**.
18. 隱藏式字幕
To select the CAPTION mode.
Refer to "**Closed caption function**".
19. 喜愛頻道
To select the favorite channel.
Refer to "**Favorite channel memory**".
20. 頻道增減
To memorize or erase the desired channel.

Fitting Batteries in the Remote Control Unit

The remote control is powered by batteries. This requires **AAA** type batteries for operation. To ensure consistent operation, change the batteries about once a year.

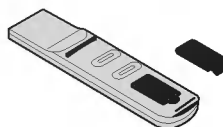
Caution: Batteries installed incorrectly may leak and damage the remote control. Do not mix old and new batteries or different types of batteries (for example, standard and alkaline).



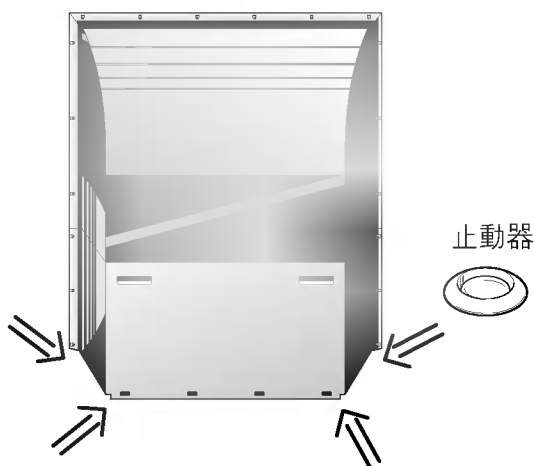
1. Remove the battery compartment cover by sliding it in the arrowhead direction.



2. Insert new batteries as indicated by the polarity markings (+ and -) inside the compartment.



3. Replace the battery compartment cover.



固定電視機以防止移動:

爲了防止電視機移動, 請按照圖中的指示, 使用產品隨附的 4 個止動器來固定電視機.

• 底部的萬向輪會使電視機很容易轉動及移動.

Before operating your TV, make sure the following instructions have been completed.

- Your TV has been connected to an antenna or a cable system.
- Your TV has been plugged in a power outlet.

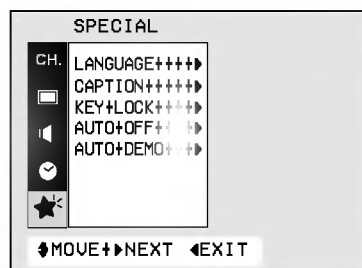
Turning on/off the TV

1. Press the power button to turn on the TV.
2. If the TV is in standby mode, press 頻道, 多媒體, TV/VIDEO, number button on the remote control or the set (except POWER button) to turn on it fully.
3. Press the 電源 button on the remote control.
The TV reverts to standby mode.
4. Press the power button again to turn off the TV.

Note: While the TV is turned on, If the mains plug is disconnected, the TV will switch to standby mode when the mains plug is replaced in the mains power socket.

Selecting the on screen language

1. Press the 目錄 button until the special menu is displayed.
2. Press the ► and then ▲/▼ button to select **LANGUAGE**.
3. Press the ► button to enter the language mode.
4. Press the ▲/▼ button to select the desired language.
From this point on, the on-screen display will be presented in the language of your choice.
5. Press the 音量 (◀) button to exit.



Memorizing Channels

This is the function to memorize all the active channels in your area before you can use the TV. There are two ways of memorizing channels. You can use either.

One is called **AUTO PROGRAM** and the other is called **MANUAL PROGRAM**.

In **AUTO PROGRAM** the TV will memorize the channels in ascending order. If there are additional channels you want to add or delete, you can manually add or delete those channels.

Memorizing the Channels by AUTO PROGRAM

AUTO PROGRAM searches and memorizes all the active channels in your area then you can select the desired channel with the ▲ / ▼ button.

Using the 頻道記憶 button

You can conveniently perform AUTO PROGRAM using the 頻道記憶 button on the remote control.

1. Press the 頻道記憶 button.
2. Press the ► or 頻道記憶 button to start The AUTO PROGRAM.

If you want to stop auto programming, press the 確認 (■) button. Only the channels searched up to that time are memorized.

Notes: • AUTO PROGRAM stores all receivable channels regardless of receiving signal (RF, Cable).

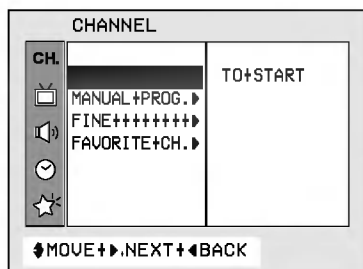
- If channels of general wireless TV and cable TV are duplicated, press the number buttons (0 ~ 9) to change as

channels of general wireless TV ↔ channels of cable TV .



Using the channel menu

1. Press the 目錄 button until the channel menu is displayed.
2. Press the ► and then ▲ / ▼ button to select **AUTO PROGRAM**.
3. Press the ► button to enter the **AUTO PROGRAM** mode.
The AUTO PROGRAM starts now.



Memorizing the Channels by MANUAL PROGRAM

Using the 頻道增減 button

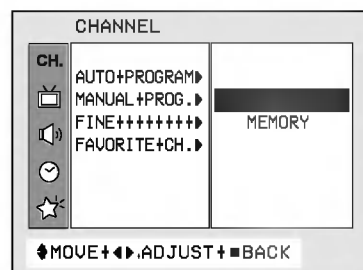
You can conveniently perform MANUAL PROGRAM using the 頻道增減 button on the remote control.

1. Press the ▲/▼ or NUMBER buttons to select the channel number you want to memorize or erase.
2. Press the 頻道增減 button.
The on screen display appears as shown right.
3. Press the 頻道增減 button to select **MEMORY** or **ERASE**.
4. Press the 確認 (■) button to exit.



Using the channel menu

1. Press the 目錄 button until the channel menu is displayed.
2. Press the ► and then ▲ / ▼ button to select the **MANUAL PROG.**
3. Press the ► button to enter the **MANUAL PROG.** mode.
4. Press the ◀/▶ or NUMBER buttons to select the channel number you want to memorize or erase.
5. Press the ▲ / ▼ button.
6. Press the ◀/▶ button to select **MEMORY** or **ERASE**.
7. Repeat process 3 to 6 to memorize or erase another channels.
8. Press the 確認 (■) button to exit.



Selecting the Channel

Press the ▲/▼ button to conveniently select the upper or lower channel then the channel being viewed, or NUMBER buttons to directly select the desired channel.

Adjusting the Volume

Press the ► button to increase the volume level or ◀ button to decrease the volume level.

To mute the sound, press the **MUTE** button.

The word **MUTE** is displayed.

It's convenient when you get the telephone calls.

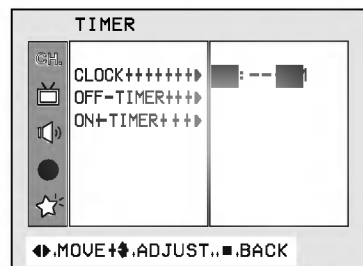
To restore the muted sound, press the **MUTE** button again or **VOL** ◀/▶ button.



Setting the Clock

Before setting the on/off timer, first you should set the current time.

1. Press the 目錄 button until the timer menu is displayed.
2. Press the ► and then ▲ / ▼ button to select **CLOCK**.
3. Press the ► button to enter the **CLOCK** mode.
4. Press the ▲/▼ button to adjust the hour.
5. Press the ◀/▶ button to select the minute position and then press the ▲/▼ button to adjust the minute.
6. Press the 確認 (■) button to exit.

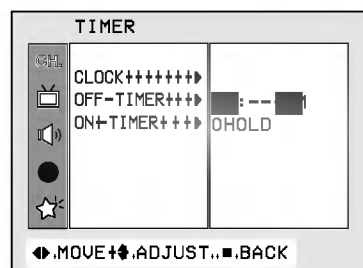


Setting the OFF TIMER

This is the function to automatically switch the TV to standby mode at a preset time.

1. Press the 目錄 button until the timer menu is displayed.
2. Press the ► and then ▲ / ▼ button to select **OFF-TIMER**.
3. Press the ► button to enter the **OFF-TIMER** mode.
4. Press the ▲/▼ button to adjust the hour.
5. Press the ◀/▶ button to select the minute position and then press the ▲/▼ button to adjust the minute.
6. **RUN/HOLD** is used to activate or deactivate preset on/off times. Press the ◀/▶ button to select **HOLD** or **RUN** position and then press the ▲/▼ button to select **HOLD** or **RUN**.
7. Press the 確認 (■) button to exit.

Note: • If the same time is set for the on time and off time, only the off time operates.

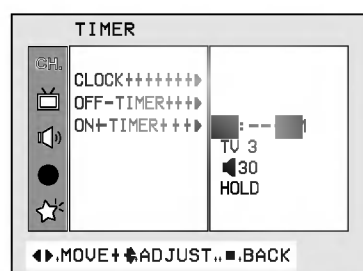


Setting the ON TIMER

This is the function to automatically turn the TV on at a preset time and channel.

1. Press the 目錄 button until the timer menu is displayed.
2. Press the ► and then ▲ / ▼ button to select **ON-TIMER**.
3. Press the ► button to enter the **ON-TIMER** mode.
4. Repeat OFF TIMER process 4 to 5.
5. Press the ◀/▶ button to select the channel position and then press the ▲/▼ button to adjust the desired channel.
6. Press the ◀/▶ button to select the volume position and then press the ▲/▼ button to adjust the desired volume.
7. Press the ◀/▶ button to select **HOLD** or **RUN** position and then press the ▲/▼ button to select **HOLD** or **RUN**.
8. Press the 確認 (■) button to exit.

Notes: • Two hours after the set is switched on by the on timer function, it will automatically switched back to standby mode unless a button has been pressed.
• This function works only in standby mode.



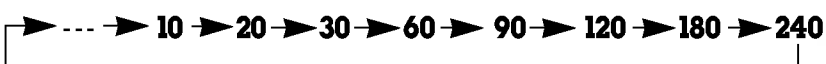
Setting the Sleep Time

You don't have to remember to switch the TV to standby mode before you go to sleep. The sleep timer automatically turns the TV off after the preset time elapses.

Press the 定時關機 button to select the desired sleep time.

Each time you press this button, the sleep time is displayed one by one as shown below.

The timer begins to count down from the number of minutes selected.



Notes: • After 30 seconds, the desired sleep time will disappear and be operated automatically.

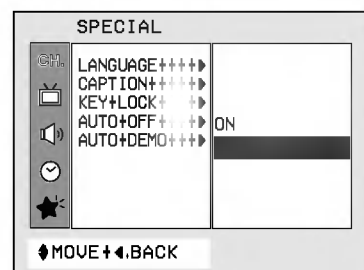
- To view the remaining sleep time, press the 定時關機 button once and the remaining sleep time will be displayed.
- To cancel the sleep time, select the **SLEEP** --- mode by using the 定時關機 button.



Auto Off

If there is no input signal, the TV is switched to standby mode automatically in 10 minutes.

1. Press the 目錄 button until the special menu is displayed.
2. Press the ► and then ▲/▼ button to select **AUTO OFF**.
3. Press the ► button to enter the **AUTO OFF** mode.
4. Press the ▲/▼ button to select **ON** or **OFF**.
5. Press the 音量 (◀) button to exit.

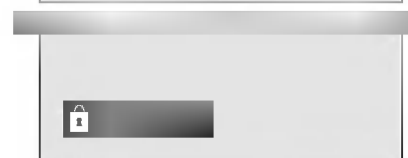
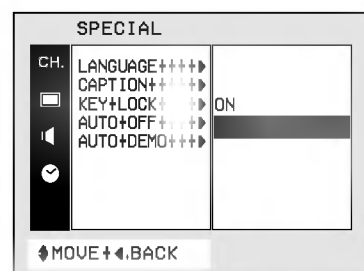


Key Lock

The TV can be set so that the remote control is needed to control it. This feature can be used to prevent unauthorized viewing.

1. Press the 目錄 button until the special menu is displayed.
2. Press the ► and then ▲/▼ button to select **KEY LOCK**.
3. Press the ► button to enter the **KEY LOCK** mode.
4. Press the ▲/▼ button to select **ON** or **OFF**.
5. Press the 音量 (◀) button to exit.

With the key lock on, the display **KEY LOCK** appears on the screen if any button on the front panel is pressed while viewing the TV.



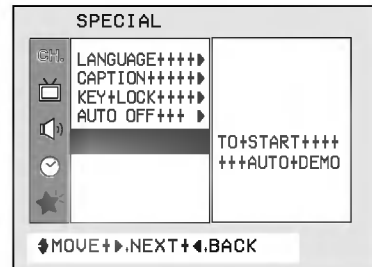
Auto Demonstration

Auto demonstration allows you to review all the menus programmed in the TV set.

1. Press the 目錄 button until the special menu is displayed.
2. Press the ► and then ▲/▼ button to select **AUTO DEMO**.
3. Press the ► button, and the demonstration starts.

When the demonstration reaches the last display, it starts again from the beginning.

To stop auto demonstration, press any button.

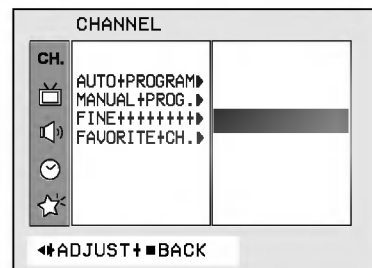


Adjusting the Fine Tuning

This function is to adjust the picture to stable condition when it is poor, for example, a horizontal stripe, twisted picture or no color in broadcasting.

1. Press the 目錄 button until the channel menu is displayed.
2. Press the ► and then ▲/▼ button to select **FINE**.
3. Press the ► button to enter the **FINE** mode.
4. Press the ◀/▶ button to tune the desired picture condition.
5. Press the 確認 (■) button to memorize.

- Notes :**
- To release the memorized fine tuning, program again the fine-tuned channel by AUTO PROGRAM or MANUAL PROGRAM.
 - If the finely tuned channel is memorized, the color of the channel number changes to yellow.

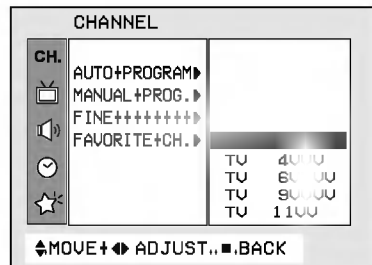


Favorite channel memory

Favorite channel memory is a convenient feature that lets you quickly scan up to five channels of your choice without having to wait for the TV to scan through all the in-between channels.

1. Press the 目錄 button until the channel menu is displayed.
2. Press the ► and then the ▲/▼ button to select **FAVORITE CH.**
3. Press the ► button to enter the **FAVORITE CH.** mode.
4. Press the ▲/▼ button to select a favorite channel.
5. Press the ◀/▶ button to select the desired channel number.
6. Repeat steps 4 to 5.
7. Press the 確認 (■) button to exit.

To select the favorite channel, repeatedly press the 喜愛頻道 button. Five channels programmed appear on the screen one by one.



Auto Picture Control

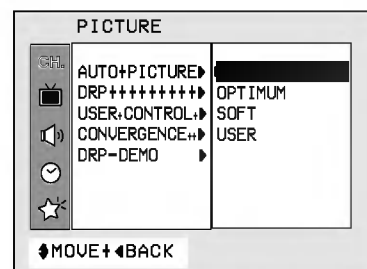
You can select picture modes programmed at factory as you prefer.

Using the 自動影像 button

1. Press the 自動影像 button.
2. Press the 自動影像 button to select **CLEAR, OPTIMUM, SOFT** or **USER**.
3. Press the 確認 (■) button to exit.

Using the picture menu

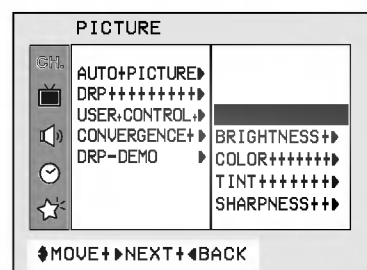
1. Press the 目錄 button until the picture is displayed.
2. Press the ► and then ▲/▼ button to select **AUTO PICTURE**.
3. Press the ► button to enter the **AUTO PICTURE** mode.
4. Press the ▲/▼ button to select **CLEAR, OPTIMUM, SOFT** or **USER**.
5. Press the 音量 (◀) button to exit.



Adjusting the Picture

This is the function to manually adjust the desired picture levels (**CONTRAST, BRIGHTNESS, COLOR, TINT, SHARPNESS**) of the screen as you like. If the picture you set is not satisfactory, you can select a factory preset picture. In the broadcasting system PAL-M/N, the picture item **TINT** is inactivated.

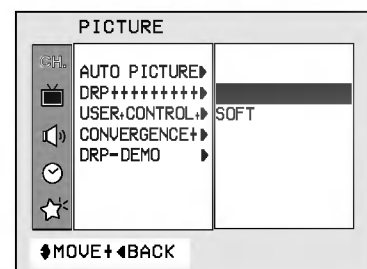
1. Press the 目錄 button until the picture menu is displayed.
2. Press the ► and then ▲/▼ button to select **USER CONTROL**.
3. Press the ► button to enter the **USER CONTROL** mode.
4. Press the ▲/▼ button to select the desired picture mode.
5. Press the ► button to enter the desired picture mode.
6. Press the ◀/▶ button to adjust the level.
The level of displayed picture mode is adjusted.
7. Press the 確認 (■) button to exit.



DRP(Digital Reality Picture)

This is the function to stress picture outline in showing a dark area light.

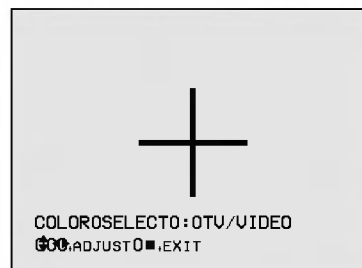
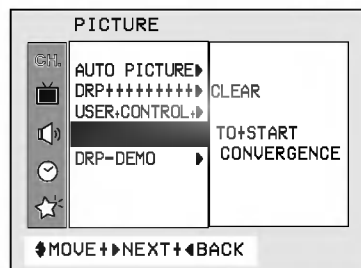
1. Press the 目錄 button until the picture menu is displayed.
2. Press the ► and then ▲/▼ button to select **DRP**.
3. Press the ► button to enter the **DRP** mode.
4. Press the ▲/▼ button to select **CLEAR** or **SOFT**.
5. Press the 音量 (◀) button to exit.



CONVERGENCE

This is the function to adjust the color convergence of screen during receiving the signal. When the TV is first installed or it is relocated, the picture may be unstable with three color ghosts (red, green, blue). This problem can be solved by adjusting the color convergence.

1. Press the 目錄 button until the picture menu is displayed.
2. Press the ► and then ▲/▼ button to select **CONVERGENCE**.
3. Press the ► button to enter the **CONVERGENCE** mode.
If the display + are unstable with three color ghosts, the color convergence needs to be adjusted. If the display + is white, color convergence adjustment is not necessary.
4. Press the TV/VIDEO button.
The display ◀▶ button is selected in red or blue.
5. Press the ▲/▼/◀/▶ button to superimpose the display + (red or blue) with green one. It will be changed to yellow or cyan.
6. If both red and blue display + is superimposed with the green one, the display + will be changed to white.
7. Press the 確認 (■) button to exit.

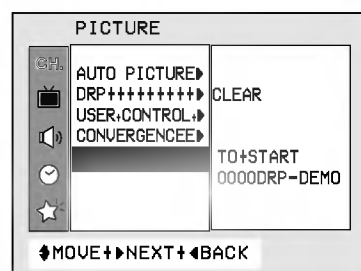


DRP-DEMO

Being divided into two, the screen is shown clear on the left and soft on the right.

1. Press the 目錄 button until the picture menu is displayed.
2. Press the ► and then ▲/▼ button to select **DRP-DEMO**.
3. Press the ► button to enter the **DRP-DEMO** mode.
4. Press the ► button, and the demonstration starts.

To stop DRP demonstration, press any button.



Enjoying the Stereo/SAP Broadcast

This TV set can receive MTS stereo programs and any SAP (Secondary Audio Program) that accompanies the stereo program, as the system to be transmitted one additional sound signal as well as the original one. MTS function doesn't operate in the video mode.

Using the 立體雙語 Button

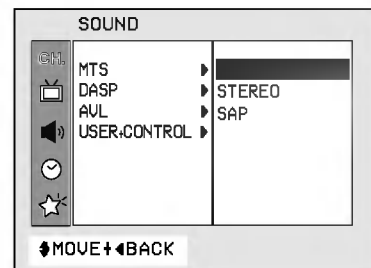
1. Press the 立體雙語 button to select your desired MTS mode.
Each time you press this button, the **MONO**, **STEREO** or **SAP** mode appears in turn.
2. Press the 確認 (■) button to exit.



Using the sound menu

1. Press the 目錄 button until the sound menu is displayed.
2. Press the ► and then ▲/▼ button to select **MTS**.
3. Press the ► button to enter the **MTS** mode.
4. Press the ▲/▼ button to select **MONO**, **STEREO** or **SAP**.
5. Press the 音量 (◀) button to exit.

- Notes:**
- The stereo or SAP can be broadcast only when the TV station transmits its signal even though you have selected **STEREO** or **SAP**.
 - The mono sound is automatically broadcast in case of mono broadcast even when the **STEREO** or **SAP** has been selected.
 - Select **MONO** if you want to listen to the mono sound in the fringe area during stereo/SAP broadcasting.



AVL (Auto Volume Leveler)

AVL automatically keeps on an equal volume level even if you change channels.

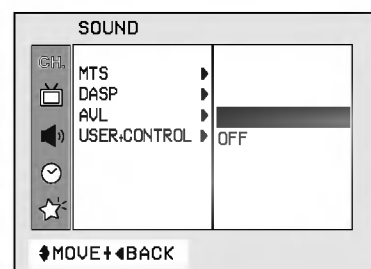
Using the 自動音量 Button

1. Press the **AVL** button.
2. Press the **AVL** button to select **ON** or **OFF**.
3. Press the 確認 (■) button to exit.



Using the sound menu

1. Press the 目錄 button until the sound menu is displayed.
2. Press the ► and then ▲/▼ button to select **AVL**.
3. Press the ► button to enter the **AVL** mode.
4. Press the ▲/▼ button to select **ON** or **OFF**.
5. Press the 音量 (◀) button to exit.

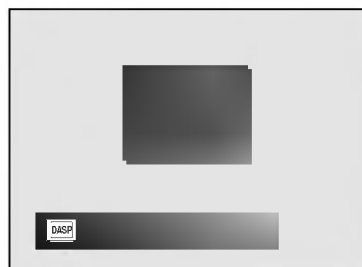


Auto Sound Control

You can enjoy the best sound without any special adjustment because this TV set automatically adjusts the sound appropriate to viewing program character by self-intelligence.

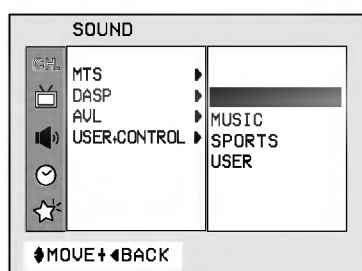
Using the 魔幻音效 Button

1. Press the 魔幻音效 button.
2. Press the 魔幻音效 button to select **CINEMA**, **MUSIC**, **SPORTS** or **USER**.
3. Press the 確認 (■) button to exit.



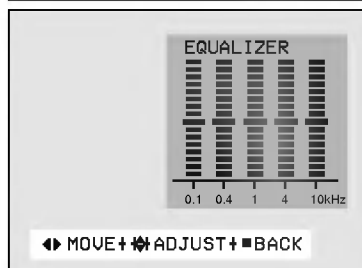
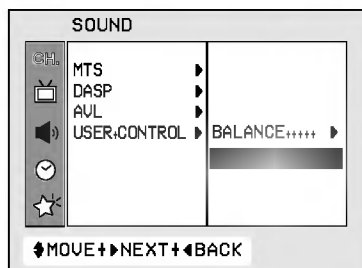
Using the sound menu

1. Press the 目錄 button until the sound menu is displayed.
2. Press the ► and then the ▲/▼ button to select **DASP**.
3. Press the ► button to enter the **DASP** mode.
4. Press the ▲/▼ button to select **CINEMA**, **MUSIC**, **SPORTS** or **USER**.
5. Press the 音量 (◀) button to exit.



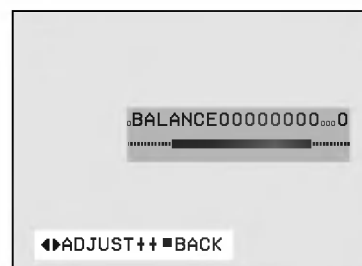
Adjusting the equalizer

1. Press the 目錄 button until the sound menu is displayed.
2. Press the ► and then the ▲/▼ button to select **USER CONTROL**.
3. Press the ► button to enter the **USER CONTROL** mode.
4. Press the ▲/▼ button to select **EQUALIZER**.
5. Press the ► button to enter the **EQUALIZER** mode.
6. Press the ◀/▶ button to select the sound band and then press the ▲/▼ button to adjust the desired level.
7. Press the 確認 (■) button to exit.



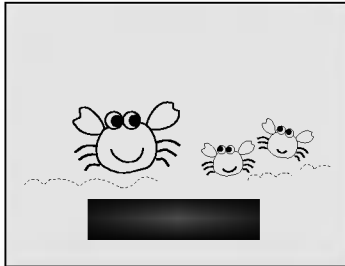
Adjusting the balance

1. Press the 目錄 button until the sound menu is displayed.
2. Press the ► and then the ▲/▼ button to select **USER CONTROL**.
3. Press the ► button to enter the **USER CONTROL** mode.
4. Press the ▲/▼ button to select **BALANCE**.
5. Press the ► button to enter the **BALANCE** mode.
6. Press the ◀/▶ button to adjust the balance level.
7. Press the 確認 (■) button to exit.



Closed captioning is a process which converts the audio portion of a television program into written words, which then appear on the television screen in a form similar to subtitles. Closed captions allow viewers to read the dialogue and narration of television programs.

Using Closed Captions



Captions are the subtitles of the dialogue and narration of television programs. For prerecorded programs, program dialogue can be arranged into captions in advance. It's possible to caption a live program by using a process called "real-time captioning", which creates captions instantly. Real-time captioning is normally done by professional reporters using a machine shorthand system and computer for translation into English.

Captioning is an effective system for the hearing-impaired, and it can also aid in teaching language skills.

- The picture at left shows a typical caption.

Caption Tips

- Not all TV broadcasts include closed caption signals.
- Sometimes TV stations broadcast two different caption signals on the same channel. By selecting MODE 1 or MODE 2, you can choose which signal you view. MODE 1 is usually the signal with the captions, while MODE 2 might show demonstration or programming information.
- Your TV might not receive caption signals normally in the following situations.

1 Poor reception conditions are encountered:



■ **IGNITION:**

Picture may flutter, drift, suffer from black spots or horizontal streaking. Usually caused by interference from automobile ignition systems, neon lamps, electrical drills and other electrical appliances.



■ **GHOSTS:**

Ghosts are caused when the TV signal splits and follows two paths. One is the direct path and the other is reflected off tall buildings, hills or other objects. Changing the direction or position of the antenna may improve reception.



■ **SNOW:**

If your receiver is located at the weak, fringe area of a TV signal, your picture may be marred by small dots. It may be necessary to install a special antenna to improve the picture.

2 An old, bad or illegally recorded tape is played.

3 Strong, random signals from a car or airplane interfere with the TV signal.

4 The signal from the antenna is weak.

5 The program wasn't captioned when it was produced, transmitted or taped.

Using the Text Function

Text services give a wide variety of information on all kind of subjects (ex. captioned program lists, weather forecasts, stock exchange topics, news for hearing-impaired---) through the full TV screen. But not all stations offer text services, even though they might offer captioning.

Note: In the event you receive a poor signal, an empty black box may appear and disappear, even when the text mode is selected. This is normal function in such an event.

Operating the Caption and Text

Using the 隱藏式字幕 button

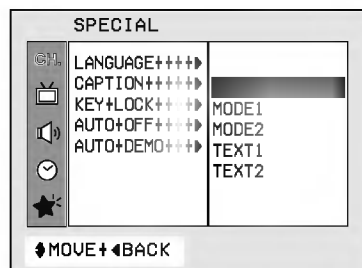
1. Press the 隱藏式字幕 button.
2. Press the 隱藏式字幕 button to select **MODE 1**, **MODE 2**, **TEXT 1**, **TEXT 2** or **OFF**.
3. Press the 確認 (■) button to exit.



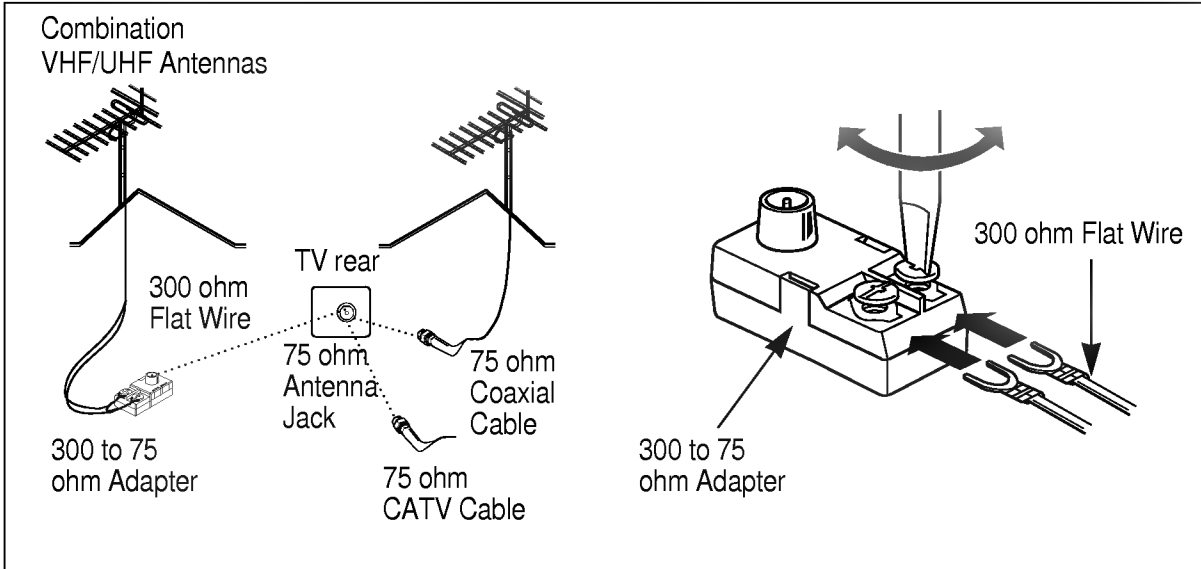
Using the special menu

1. Press the 目錄 button until the special menu is displayed.
2. Press the ► and then ▲/▼ button to select **CAPTION**.
3. Press the ► button to enter the **CAPTION** mode.
4. Press the ▲/▼ button to select **MODE 1**, **MODE 2**, **TEXT 1**, **TEXT 2** or **OFF**.
5. Press the 音量 (◀) button to exit.

Note: This TV is programmed to remember which mode it was last set to, even if you switch the set to standby mode.



Antenna Connections



Connecting an Outdoor Antenna

For the best reception, we recommend you use an outdoor antenna. Severely weathered antennas and antenna cables can reduce the signal quality. Before connecting it, necessarily inspect them. Any service center can explain the various outdoor antennas available to you.

300 Ohm Flat Wire

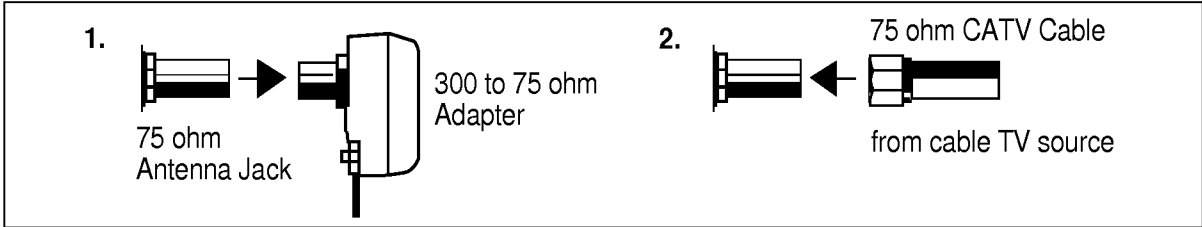
1. Connect the 300 ohm flat wire to screws on the 300 ohm to 75 ohm adapter.
2. Push the end of 300 ohm to 75 ohm adapter into 75 ohm antenna jack.

75 Ohm Coaxial Cable

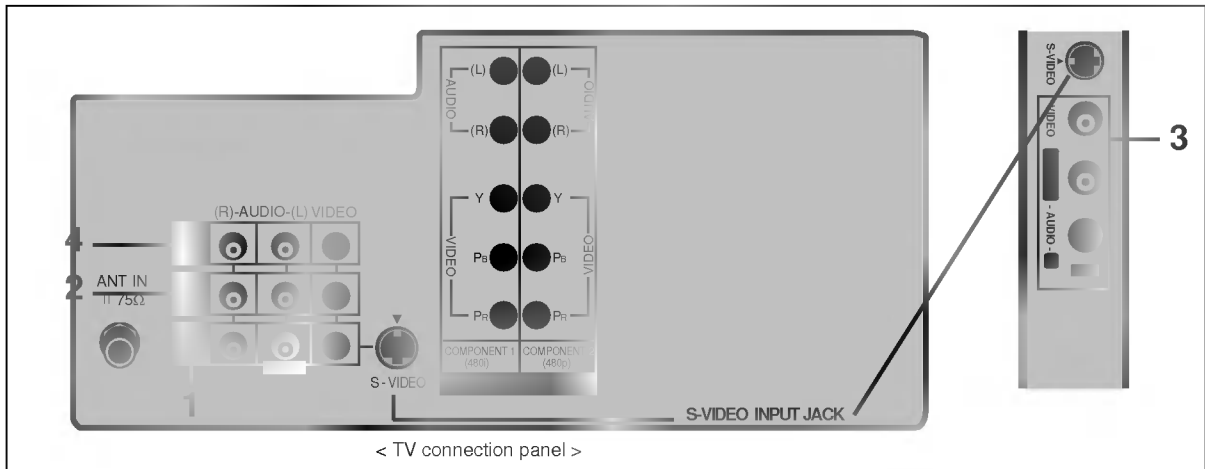
1. Connect the 75 ohm coaxial cable directly to the 75 ohm antenna jack.

Connecting a CATV Cable

If you subscribe to a CATV system, change the antenna connection as described below.



1. Remove the 300 to 75 ohm adapter or the cable from the set if attached.
2. Connect the CATV cable (75 ohm coaxial cable) to the 75 ohm antenna jack.



1. **IN 1 JACKS** : Connect external equipment outputs (VCR, LASER DISC, CAMCORDER) to these inputs. Press the **TV/VIDEO** button to select **VIDEO-1**.
2. **IN 2 JACKS** : Connect external equipment outputs (VCR, LASER DISC, CAMCORDER) to these inputs. Press the **TV/VIDEO** button to select **VIDEO-2**.
3. **IN 3 JACKS** : Connect external equipment outputs (VCR, LASER DISC, CAMCORDER) to these inputs. Press the **TV/VIDEO** button to select **VIDEO-3**.
4. **OUT JACKS** : Connect external equipment inputs (VCR, Audio amplifier) to these outputs for recording or monitoring the selected program.

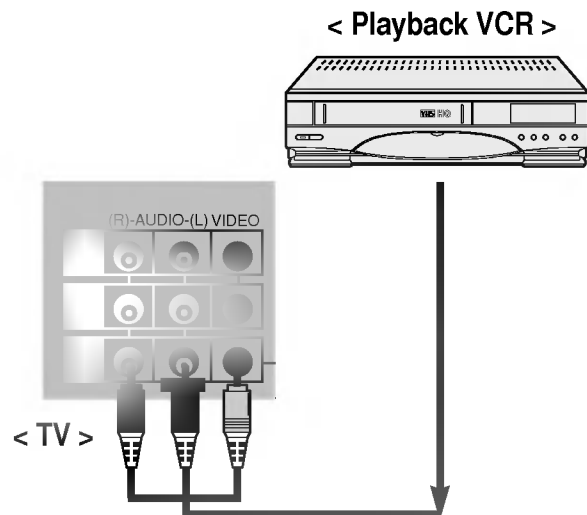
Note : Avoid having a fixed image remain in the screen for a long period of time. Typically a frozen still picture from a VCR is present ; the fixed image may remain visible on the screen.

Connecting AUDIO/VIDEO IN Jacks

1. Connect the audio/video output jacks of the VCR to **IN 1** or **IN 2(A/V)** jacks on the back.
2. Press the **TV/VIDEO** button to select **VIDEO-1** or **VIDEO-2**.

Note: If you connect the audio/video output jacks of the VCR to the **IN 3 (A/V)** jacks on the side of TV, select **VIDEO-3**.

3. Press the **PLAY** button on the VCR.
The video playback is on the TV screen.



Note: In case of MONO VCR, connect the output jack of VCR to the **AUDIO-(L)/(MONO) IN 1** or **IN 3** jack of TV so that the sound can be heard from both speakers. If you connect it to the **AUDIO-(R) IN** jack of TV the sound is heard only from right speaker.

Connecting the S-VHS VCR

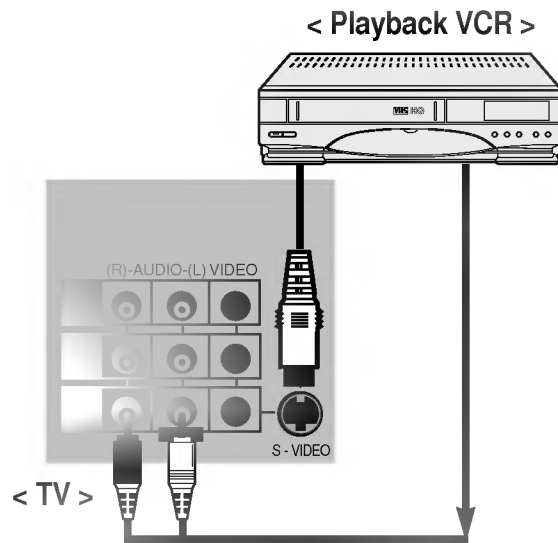
Connecting the S-VIDEO jacks

1. Connect the S-VHS output jacks of the VCR to the **S-VIDEO** jack on the back.

Remember to connect the audio cables from the VCR to the **IN1** audio jacks on the TV.

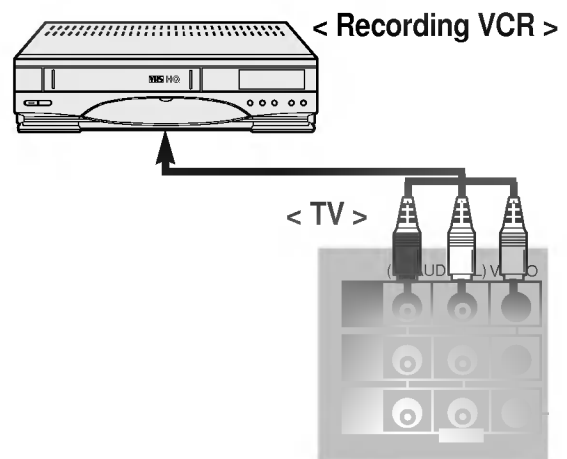
2. Press the **TV/VIDEO** button to select **VIDEO-1**.
Note: If you connect the S-VHS/audio output jacks of the VCR to the **S-VIDEO** jack and **IN 3** audio jacks on the side of TV, select **VIDEO-3**.

3. Press the **PLAY** button on the VCR.
The video playback is on the TV screen.



Recording Onto VCR

1. Connect the audio/video input jacks of the recording VCR to the **OUT (A/V)** jacks on the back.
2. Select the program number on the TV.
3. Set the recording VCR to record.

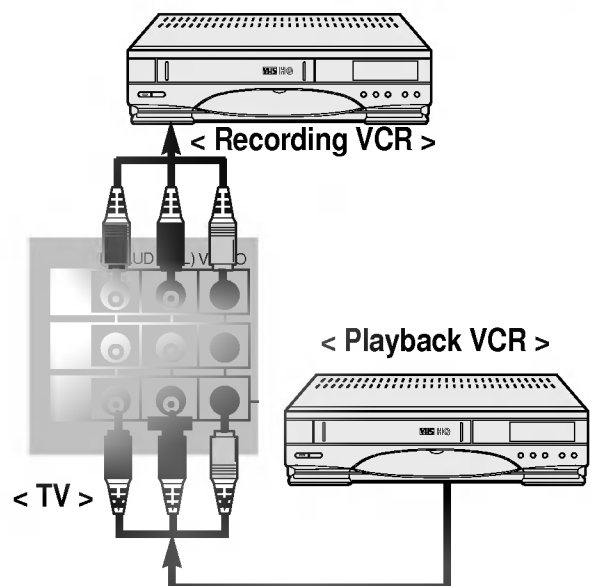


Recording a program from connected other equipment

1. Connect the output jacks of the playback VCR to the **IN 1** or **IN 2 (A/V)** jacks on the back of TV (or **IN 3** jacks on the side of TV).
2. Connect the input jacks of the recording VCR to the **OUT (A/V)** jacks on the back of TV.
3. Press the **TV/VIDEO** button to select **VIDEO-1** or **VIDEO-2**.

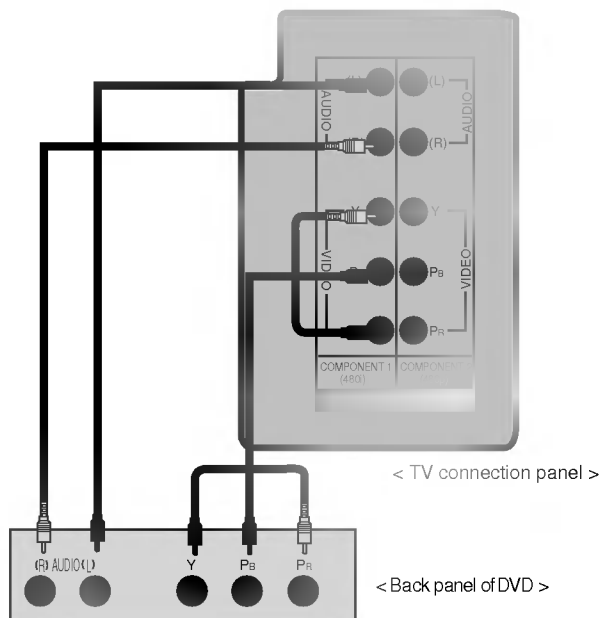
If you connect it to the **IN 3 (A/V)** jacks on the side of TV, you should select **VIDEO-3**.

4. Press the **PLAY** button on the playback VCR and set the recording VCR to record.

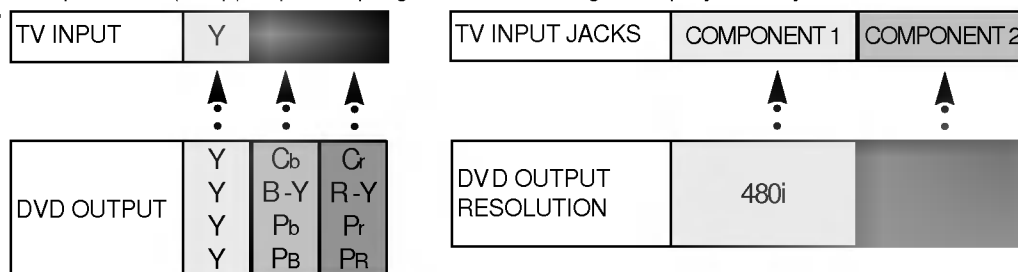


- Connect component video inputs to Y, P_B, P_R and audio inputs to right and left port of AV ports.

1.How to connect

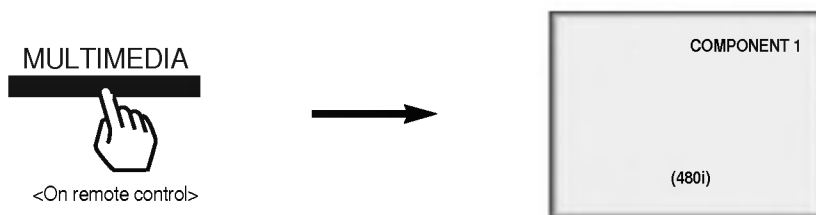


- Note:**
- Component 1 (480i): Input for interlace-scanning DVD players only.
 - Component 2 (480p): Input for progressive-scanning DVD players only.



2.How to use

- Turn the TV on and press the 多媒體 button on the remote control or TV/VIDEO button on the front panel to select **COMPONENT 1** or **2**.



- Try this after turning on the DVD set.

SYMPTOMS

No power

No picture or sound

Poor picture but good sound

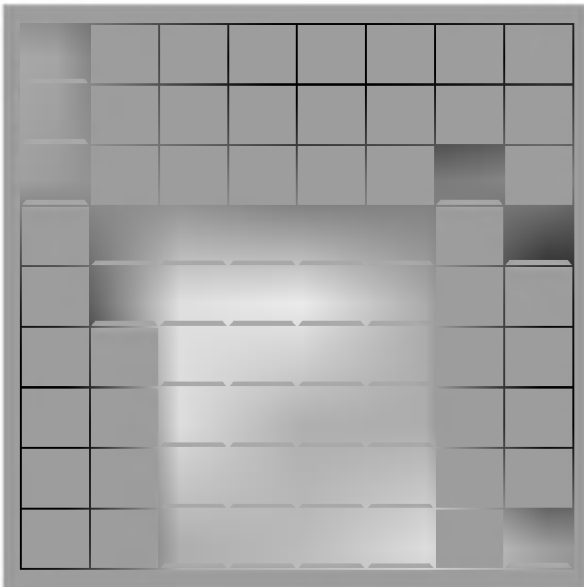
Poor reception

Lines in picture

Ghosts (multiple images)

Remote control does not work.

Cannot tune desired channel.



CHECK THESE THINGS

- Is power cord plugged in?
- Is television turned on?
- Check batteries in remote control.
- Try another channel (station trouble).
- Check antenna connectings.
- Check for local interference.
- Adjust the antenna.
- Adjust the picture control.
- Program channel using AUTO PROGRAM.

