

DAEWOO
D I G I T A L

LCD REAR PROJECTION TV

INSTRUCTION MANUAL



DSJ-6000LN

LCD PROJECTION – TV

Special Features

LCD Rear Projection Television DSJ-6000LN

Wide screen with the highest picture quality! Experience the reality and feel the amazing sensation!

Perfection of the finest digital technology-DAEWOO LCD engine.

•Reality and sensation experienced only in theaters!

Small crystal liquid particles compounding the wide screen LCD Projection Television provides a clear image and higher quality of picture!

•Wide Screen! Minimized Space!

LCD Projection Television is easy to install and move around since it is much smaller and lighter compared to an original CRT type television.

•Exceptionally bright engine

The LCD Rear Projection Television DSJ-6000LN has improved its light source by using 130W, which makes the images of the screen much clear and much brighter than just a normal LCD Projection Television.

•LCD panels of 2.76 million pixels

The LCD Rear Projection Television DSJ-6000LN has three separate LCD panels of 2.76 million pixels that help to generate sharper, clearer and brighter images.

•No magnetic influence

The LCD type television is not affected by magnetic field as that of the CRT type projection television; thus, distortion of the picture quality or flickering of the image does not occur. It may be used with oversized speakers, or installed in a place where TV installation was previously undoable.

•Lenticular Screen

The Daewoo lenticular screen of 0.155mm pitch contains an anti-reflection coating that improves its contrast, and consequently, its picture and color quality at the least parts of the edge with the 2.76 million color pixels.

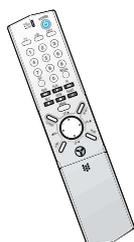
•Dolby Surround Pro Logic

The LCD Rear Projection Television DSJ-6000LN contains the highest quality amp, which provides the richest sound only of Dolby Surround Pro Logic without any additional connection other than the usual speaker systems (Woofer, Surround R, L).

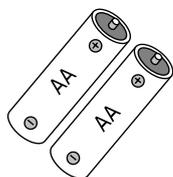
※This user's manual contains important safeguards and instructions that must be followed by the user for its proper usage and maintenance.

Please read the instructions carefully, and keep the manual in a safe place for future

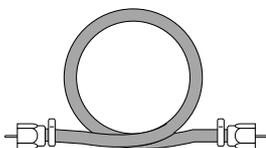
ACCESSORIES



Remote controller



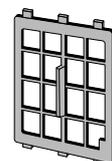
Batteries 1 pair



Coaxial Cable



A/V Connection Cable



Air Filter

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LCD PROJECTION – TV

Special Features

Your new HD Upgradeable big screen television has many special features that makes a perfect addition to your home entertainment system. Below we have highlighted a handful.

DSJ-6000LN

DSJ-6000LN has impressive ability to display both television pictures and computer images with the highest level clarity that has never been previously offered to the home theater. The advanced circuitry has the ability to accept:

- **Conventional video (480i)**
- **Progressive scan video (480p)**
- **Both 1080i and 720p HDTV images**
- **VGA, S-VGA, XGA, SXGA and UXGA computer graphics**

HD Upgradeable

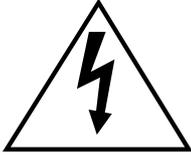
With the use of an optional DTV receiver, your DAEWOO big screen can display high definition pictures.

Wide Screen Picture Format

You will be able to view pictures as the movie directors intended you to see them. Both the DTV and DVD supporting the wide screen format will enable you to enjoy a sensation that can only be experienced in theaters and now in the comfort of your home.

V-Chip Technology

You may want to shield certain viewers from specific program content. Your Daewoo big screen television will allow you to restrict programs by general contents, specific contents, or even by time.



CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Note: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

CAUTION:

TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

NOTE TO CATV SYSTEM INSTALLER:

THIS REMINDER IS PROVIDED TO CALL THE CATV SYSTEM INSTALLER’S ATTENTION TO SECTION 820-40 OF THE NEC, WHICH PROVIDES GUIDELINES FOR PROPER GROUNDING, AND IN PARTICULAR, SPECIFIES THAT THE CABLE GROUND SHALL BE CONNECTED TO THE GROUNDING SYSTEM OF THE BUILDING, AS CLOSE TO THE POINT OF CABLE ENTRY AS PRACTICAL.

LCD PROJECTION – TV

IMPORTANT SAFEGUARDS

Please read the following safeguards for your TV and retain for future reference. Always follow all warnings and instructions marked on the television.

1. Read, Retain and Follow All Instructions

Read all safety and operating instructions before operating the TV. Retain the safety and operating instructions for future reference. Follow all operating and use instructions.

2. Heed Warnings

Adhere to all warnings on the appliance and in the operating instructions.

3. Cleaning

Unplug the TV from the wall outlet before cleaning. Do not use liquid, abrasive, or aerosol cleaners. Cleaners can permanently damage the cabinet and screen. Use a lightly dampened cloth for cleaning.

4. Attachments and Equipment

Never add any attachment and/or equipment without approval of the manufacturer as such additions may result in the risk of fire, electric shock or other personal injury.

5. Water and Moisture

Do not use the TV where contact with or immersion in water is possible. Do not use near bath tubs, wash bowls, kitchen sinks, laundry tubs, swimming pools, etc.

6. Accessories



Do not place the TV on an unstable cart, stand, tripod, or table. The TV may fall, causing serious injury to a child or adult and serious damage to the TV. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the TV. Any mounting of the TV should follow the manufacturer's instructions, and should use mounting accessories recommended by the manufacturer. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

7. Ventilation

Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the TV and to protect it from overheating. Do not block these openings or allow them to be obstructed by placing the TV on a bed, sofa, rug, or other similar surface. Nor should it be placed over a radiator or heat register. If the TV is to be placed in a rack or bookcase, ensure that there is adequate ventilation and that the manufacturer's instructions have been adhered to.

8. Power Source

This TV 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 appliance dealer or local power company.

9. Grounding or Polarization

This TV is equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

10. Power-Cord Protection

Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the TV.

11. Lightning

For added protection for this TV during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent

12. Power Lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

13. Overloading

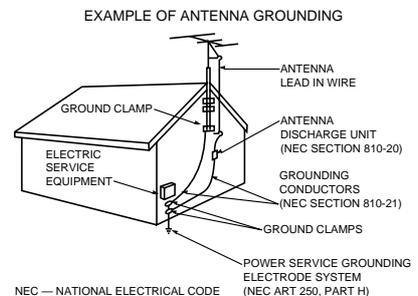
Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

14. Object and Liquid Entry

Never push objects of any kind into this TV through openings as they may touch dangerous voltage points or short-out parts that could result in fire or electric shock. Never spill liquid of any kind on or into the TV.

15. Outdoor Antenna Grounding

If an outside antenna or cable system is connected to the TV, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electric Code, ANSI /NFPA No. 70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.



16. Servicing

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

17. Damage Requiring Service

Unplug the TV from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power-supply cord or plug is damaged.
- If liquid has been spilled, or objects have fallen into the TV.
- If the TV has been exposed to rain or water.
- If the TV does not operate normally by following the operating instructions. Adjust only those controllers that are covered by the operating instructions as an improper adjustment of other controllers may result in damage and will often require extensive work by a qualified technician to restore the TV to its normal operation.
- If the TV has been dropped or the cabinet has been damaged.
- When the TV exhibits a distinct change in performance - this indicates a need for service.

18. Replacement Parts

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

19. Safety Check

Upon completion of any service or repair to the TV, ask the service technician to perform safety checks to determine that the TV is in safe operating condition.

20. Heat

The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

LCD PROJECTION – TV

Warning

This section must be read carefully and followed by the user prior to the operation of the product.

The manual states important instructions for the user's own safety, and the proper operation of the product.



Warning

Ignoring or disregarding the contents of this section and improper operation of the product may result in the person's death or serious injury.

In case of an accident, please unplug the unit from the outlet immediately.

To reduce the risk of electric shock, do not remove cover or back. No user-serviceable parts inside. Refer to qualified service personnel for repair.



Do not put any object that contains water - such as flowerpot - on the unit. The water may penetrate into the unit, and be a cause of fire or hazardous electric shock.



To prevent fire and damages to the product, unplug the unit from the outlet during lightning storm, or when it is left unattended and unused for a long period of time.



Do not put on or use the product near water and moisture-such as in a bathroom, washbowl, etc. It may be a cause of fire and electric shock hazards.



Slots and openings in the case are provided for ventilation to ensure reliable operation of the product. Never put in any item-such as a coin, paper, match- through these openings since it may touch dangerous voltage points that could result in fire or shock hazard.



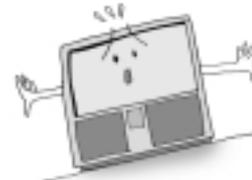
Do not let children hang on or climb on the product since it may be a cause of serious injury.



Take the plug when unplugging the unit from the outlet. The cord may cause fire or electric shock if damaged.



Do not place the product in a lean or unstable place since it may cause a serious injury to a person, as well as damage to the product if it falls.



Caution

Please keep the user's manual in a safe place for future reference.



Caution

Ignoring or disregarding the contents of this section and improper operation of the product may result in the person's death or serious injury.

This section must be read carefully and followed by the user when installing and transporting the product.

Do not put volatile substance—such as benzene, naphtha— near the product since it may cause a change in the product's color.



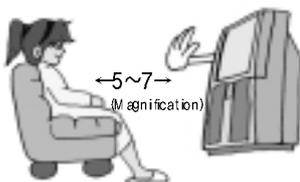
Do not put magnetic related substance, or telephone near the product since it may cause distortion of the image



Do not expose the product in a dusty or moisturized place since it may be a cause of malfunctioning.



Place the television far away from the view since it may cause damage in your eyesight.



Refer servicing to qualified service personnel for cleaning at least once a year since dust inside the TV set may be a result or fire and malfunctioning of the product.



Do not spill water or drop the remote controller since it may be a cause of malfunctioning.



The product should be situated away from any heat source—such as radiators, heat registers, stoves, or other products that produce heat.



Do not put on any heavy item on the power cord since it may result in fire or hazardous electric shock if the cord is damaged.



Do not cover the top of the television set. Ventilation will be prevented, and it may be a cause of fire if the product is internally overheated.



Unplug the power from the outlet and all the related connections from the unit to prevent electric shock. At least two people must work together to move the TV set when transporting to prevent the TV from falling, and consequently, any serious injury or damage.



Do not touch the power cord with moisturized or watery hands when plugging to or unplugging from the outlet since it may be a cause of electric shock.



Please be advised of electric wires and cables when installing the antenna. It may be a cause of hazardous electric shock and fire if the antenna touches or falls on the electric wire; thus, it must be installed firmly, and far away from the cables.



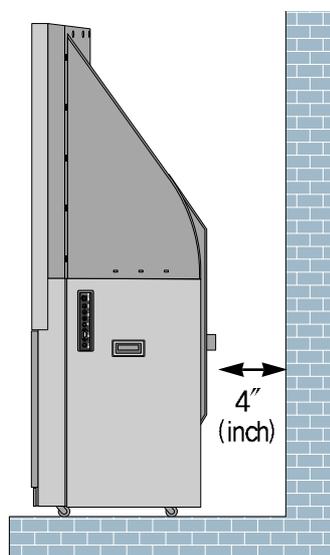
LCD PROJECTION – TV

Cautions in Installation and Conveyance

Caution

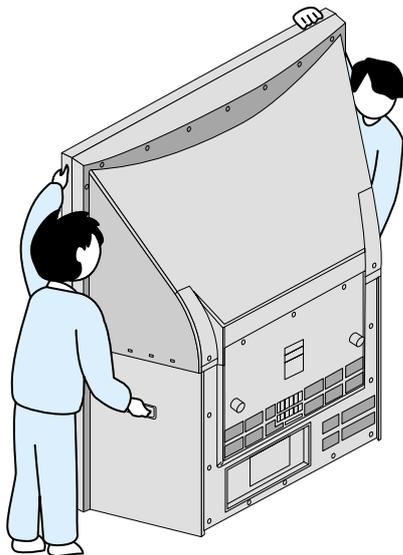
1 When Installing the Unit.

Please maintain an approximate distance of 4" from the wall when installing. It may be a cause of fire or shutting off of the TV set since the unit may be overheated if it is too close to the wall.



2 When Moving or Transporting the Unit.

- (1) Have at least two people transporting the unit for your own safety.
 - (2) Please grab the parts of the unit as indicated in the illustration.
- Transporting the unit grabbing places of the unit other than the ones indicated in the picture, result in malfunctioning, destruction, and serious injury. You must grab the handle provided with one hand, and grab the front panel with the other hand to prevent the unit from falling down. (Please do not try to lift up the product since the unit provides casters for easy conveyance.)



Maintenance Tips

Air Filter Cleaning

※Caution

- ① Unplug the power cord from the outlet before cleaning.
- ② When vacuuming the filter, please do so from the outmost surface.
- ③ The TV set will not operate if the air filter has not been properly assembled.
- ④ Change the air filter if damaged or wet.

Please clean the filter periodically for the product's proper functioning and operation. Particularly, more frequent cleaning may be necessary if the TV is installed and utilized in a dusty place. Please use the following steps when cleaning it up.

1 Turn off the TV set

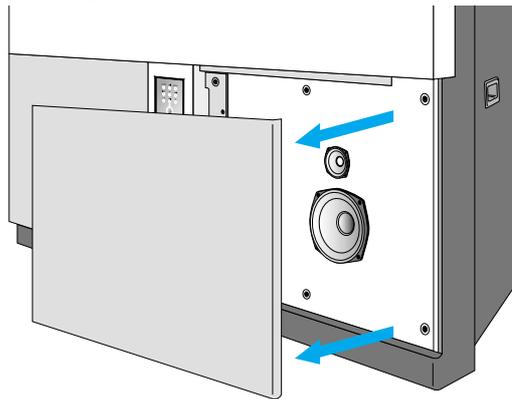
- Use either the remote controller or the power button to turn off the television. When the power is off, the unit will stand by momentarily for cooling.
- Wait until the power lamp at the front panel turns red.

2 Disconnect the Unit Completely

- When the cooling process of the mercury lamp ends, unplug the power cord from the outlet.

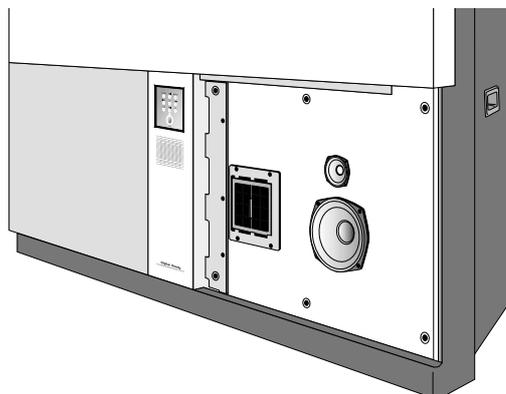
3 Pull off the Speaker Grill at the Front Panel

- Refer to the illustration provided below. Pull off the speaker grill of the right side of the panel. Begin taking off from the most exterior part.



4 Clean the filter

- Do not remove the filter from the unit, and use the vacuum cleaner to absorb the dust.



LCD PROJECTION – TV

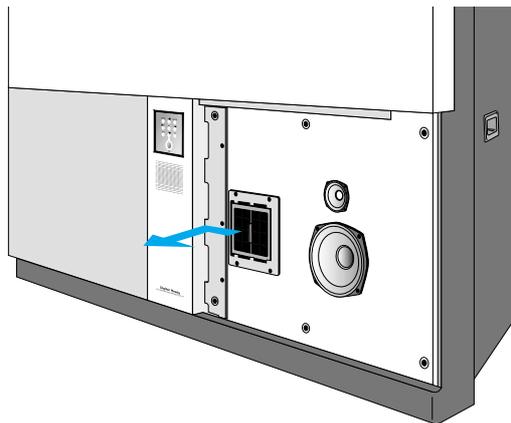
Air Filter Change

※Cautions

- When changing the air filter, please do so after having brushed away dust on the set.
- Do not let the dust get into the unit since the product contains "short-out" parts.
- Do not detach the filter sponge fixed on the filter cover.
- Do not clean the filter sponge with water since it may be a cause of blocking its holes..
- You must fit in the filter cover properly to the set. If not, the unit will not power on.
- It is essential to change the air filter at the time of changing the lamp.

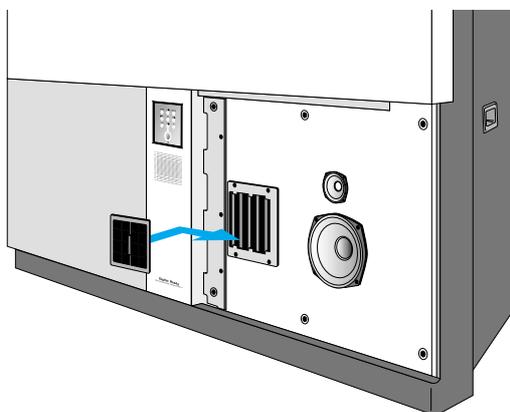
1 Pull off the Speaker Grill at the Front Panel

- Pull off the speaker grill of the right side of the panel as the way you have done when cleaning the air filter. Hold the filter knob and remove it as in the direction illustrated.



2 Install the New Air Filter

- Fit in the new air filter and adjust the speaker grill properly.



Lamp Change

The screen brightness may be reduced or the light bulb may be shattered when the lamp has been used for a long period of time. In this case, you must purchase the lamp DSJ-LF10 from Daewoo Electronics Service Center, and exchange it as the following instruction since its lifetime has been terminated.

※Caution

Use either the remote controller or the power button to turn off the television. When the green light turns into a red light, unplug the power cord from the outlet and exchange the lamp after 60 minutes of waiting period. If the lamp is replaced during its operation, or after an immediate turn off, the lamp is overheated; thus, it may result in burning and serious injury.

- Do not remove any screw except the ones indicated.
- Do not touch the protection glass of the lamp since it may minimize the screen brightness capability or cause shortage in its lifetime.
- Shattering of the lamp may occur if it is used for an extremely long period of time.
- Change the air filter when replacing the lamp.

1 Turn off the TV set.

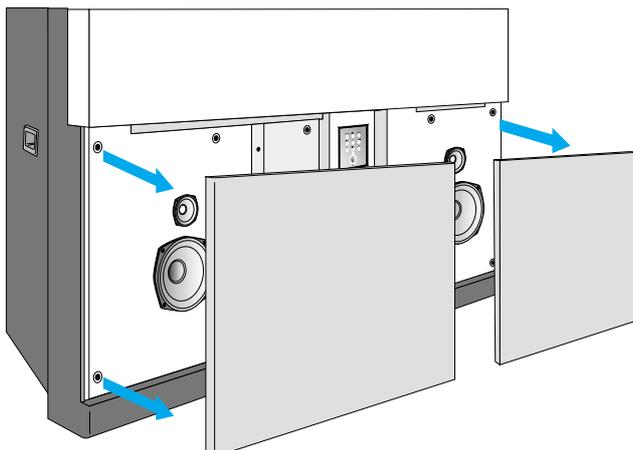
- Use either the remote controller or the power button to turn off the television. When the power is off, the unit will stand by momentarily for cooling.
- Wait until the power lamp at the front panel turns red.

2 Disconnect the Unit Completely.

- When the cooling process of the lamp ends, unplug the power cord from the outlet.

3 Pull off the Speaker Grill at the Front Panel.

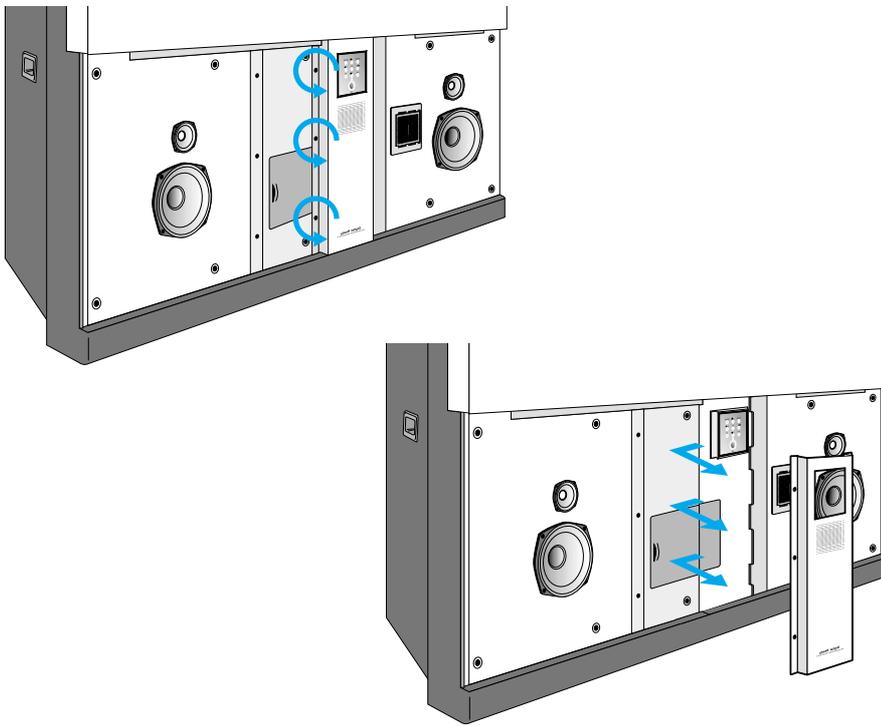
- Refer to the illustration provided below. Pull off speaker grill at the front panel. Begin taking off from the outmost part.



LCD PROJECTION – TV

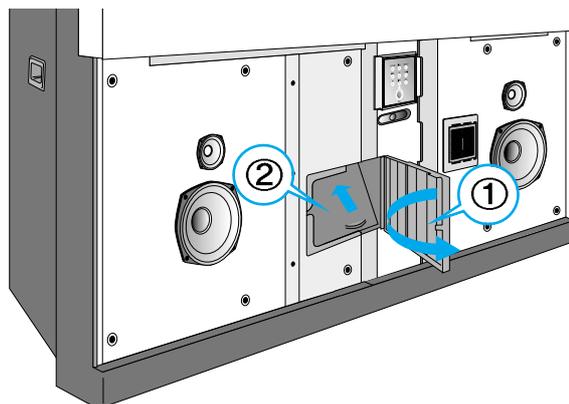
4 Detach the Front Controller Panel.

- Loose three screws at the left-hand side with a (+) driver, and separate the front controller panel from the unit.



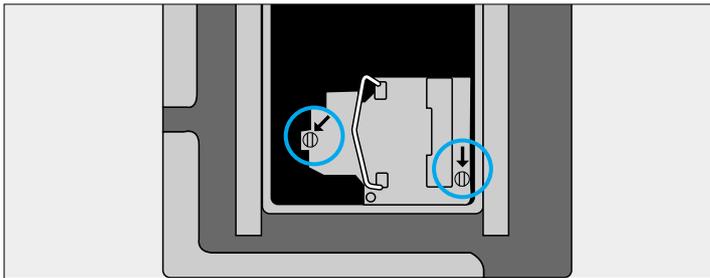
5 Open the Door

- Pull off the door 1, and then, pull up the door 2 to open as below.



6 Loose Two Screws of the Lamp.

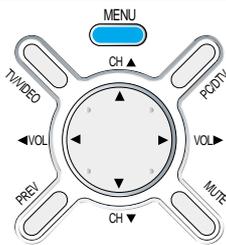
- Use a (-) driver to separate the lamp from the unit.



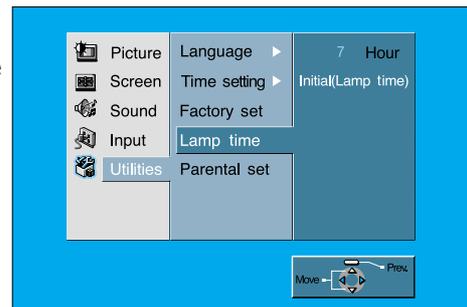
7 Exchange the Lamp

- Exchange the lamp and re-assemble in the opposite sequence.

8 Reset the Lamp Timer



- Plug in the power cord into the outlet, and turn on the TV set either using the remote controller or the Power button.
- Please select "Utilities" → "Lamp time" → "Initial (Lamp time)" and reset the lamp time.



※ Caution

- The doors ① and ② must be closed firmly for the proper functioning of the TV set.
- You must reset the "lamp time" when you replace it.

LCD PROJECTION – TV

Glossary

Term	Explanation
Multimedia	May enjoy varieties of broadcasting programs by connecting with PC and DTV.
External Input	May connect with any input—such as Video, Camcorder, Playstation, DVD—other than TV broadcasting.
Coaxial Cable	A round shaped signal cable that is generally used for TV antenna connection.
A/V Socket	Video socket in Yellow, and Audio socket divided in White and Red(R,L); used for external input connection.
Cable TV	Needs to be subscribed to the local broadcasting company and installed a cable receiver to view CATV.
Cable Converter	May enjoy varieties of broadcasting programs by connecting the cable converter with the TV, which it is a CATV signal-receiving device.
S-Video	May view with a higher picture quality than in normal Video.
VHF/UHF	VHF refers channels 2~13, UHF refers channels 14~69.
DVD	Called Digital Video Disk, or Digital Versatile Disk. Extremely high in Audio/Video quality. May view connecting the DVD player with the DVD input jack in the TV.
DTV	TV that permits viewing digital broadcasting programs. When connected to a Set Top Box, it allows the clearest and highest quality viewing of digital display.
Video Output	Socket of the Video output that is currently running.
Audio Output	Socket of the audio output that is currently running.

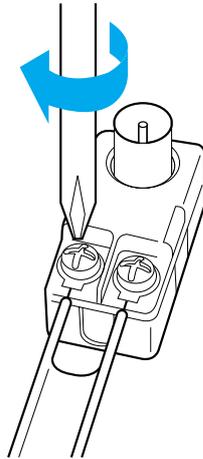
Antenna Connection

Indoor Antenna Connection

1. Connect the feeder cable of the antenna to the combining adapter.

WHEN THE IMAGE IS NOT CLEAR

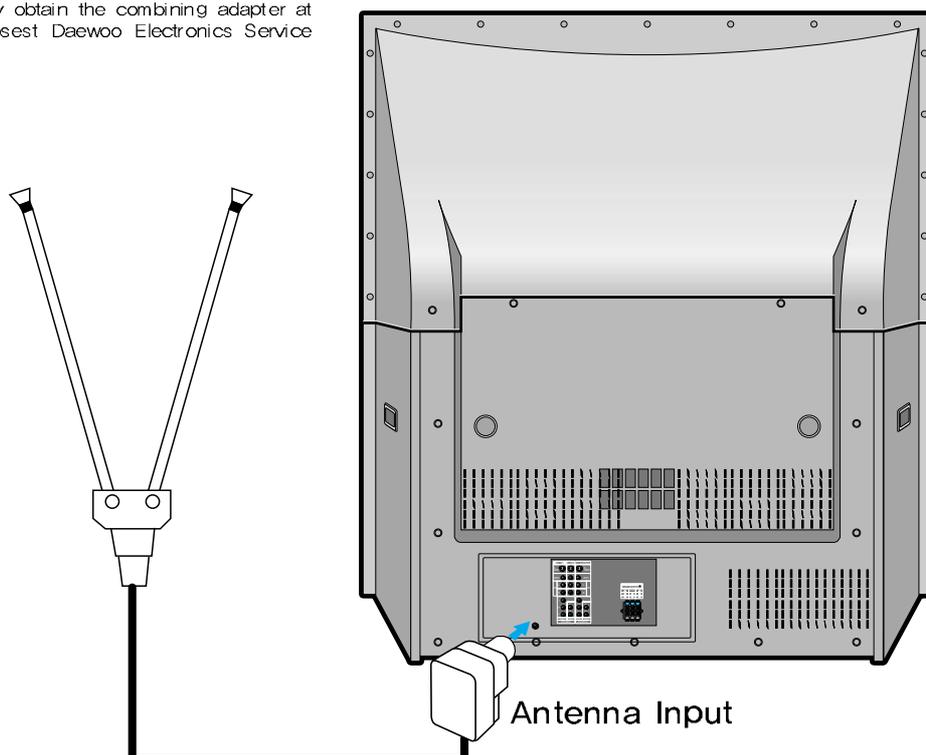
- Unclear screen image and bad reception may be a cause of wrong antenna connection. Be sure to check its direction and place when installing.



2. Connect the combining adapter to the antenna input at the back of the TV set.

WHEN USING THE COMBINING ADAPTER

- You may obtain the combining adapter at your closest Daewoo Electronics Service Center.



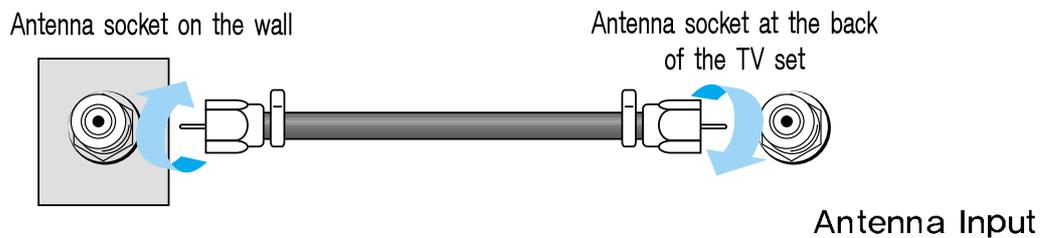
LCD PROJECTION – TV

CTV Antenna Connection

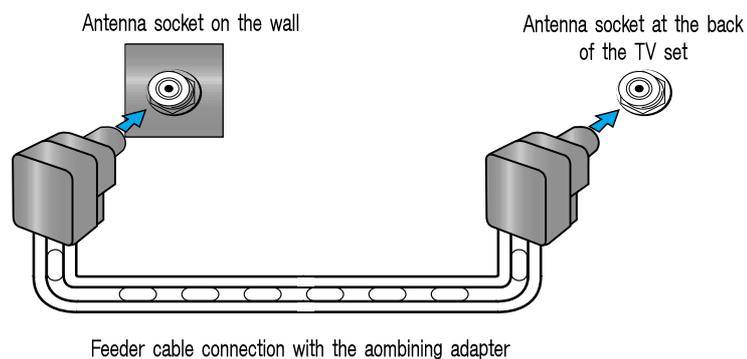
Such community TV Antenna installation may be found in most of co-op apartments.

When a coaxial cable is used

Plug the coaxial cable to the antenna socket, and fix it firmly by turning it to the right.



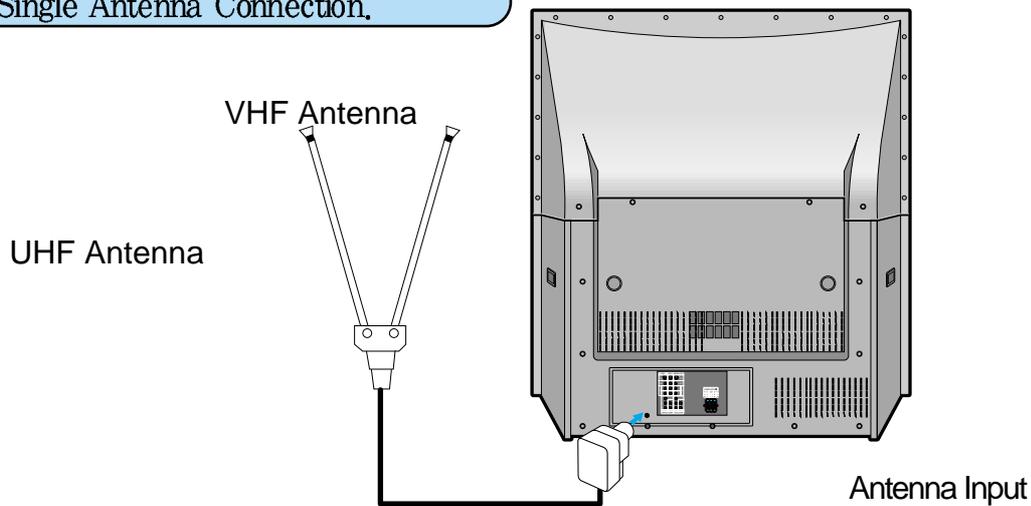
When a feeder cable is used



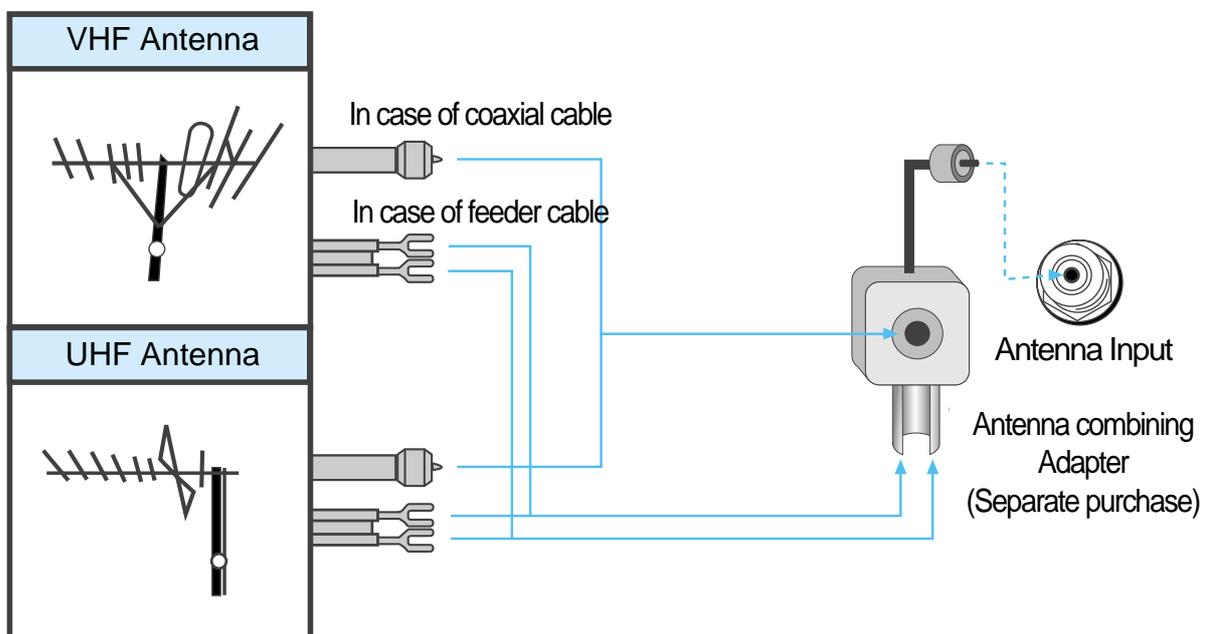
Outdoor Antenna Connection

Outdoor Antenna connection-such as VHF or/and UHF-may be necessary for installation at private houses

Single Antenna Connection.



Separate Antenna Connection.

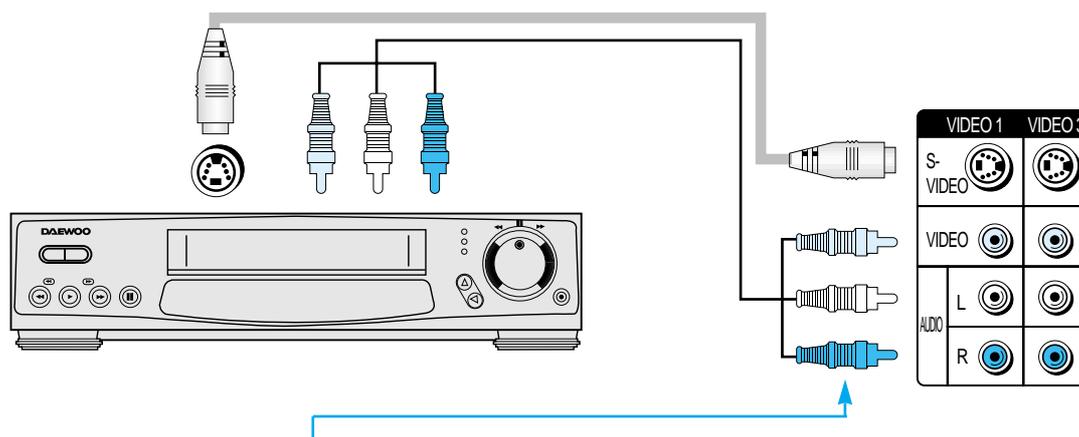


LCD PROJECTION – TV

Video Connection

Connecting with an External Source

You may connect S-Video input to enjoy a clearer and brighter picture images. You can choose and make the connection with any one of Video 1, 2, or 3 inputs.



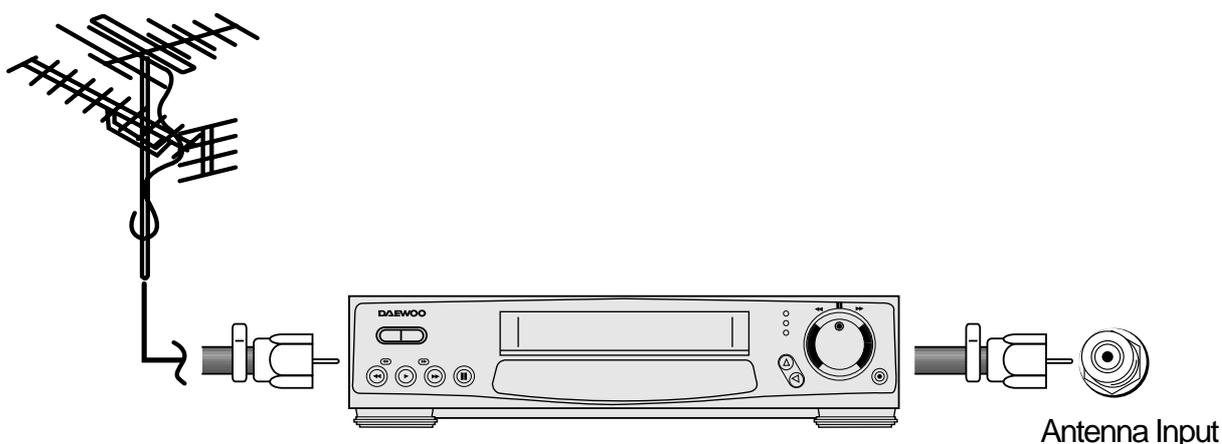
- Connection is not necessary in Mono mode.
- Connect either S-Video or Video input to the unit. When both are connected, the output display will be in S-Video.

※ Note

The stated connection does not comply with recording TV programs. You must make the connection to the Antenna input socket as shown below for recording.

Connecting with an Antenna

The following connection allows you to record TV programs.



Connection Guide

1. Connect the antenna to the antenna input of the video
2. Make a connection of Antenna Output on Video and Antenna Input on TV with the coaxial cable provided.

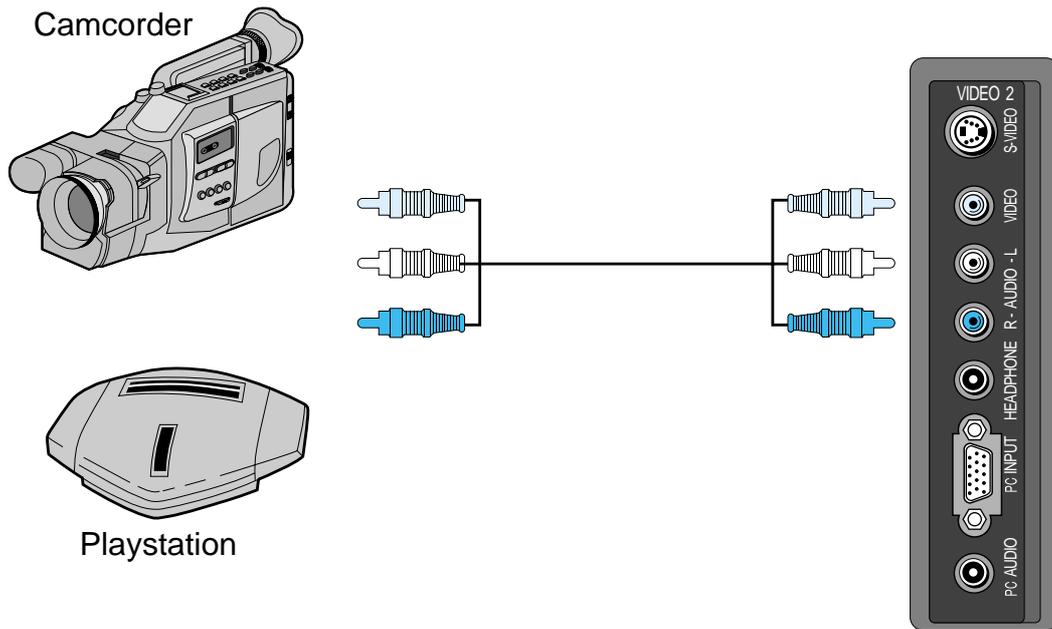
Operating Instructions

1. Adjust the channel selection switch at the rear side of the Video to 3 or 4.
2. Turn on the TV set, and adjust the channel to 3 or 4, to the number adjusted for step 1.
3. Turn on the Video, insert the videocassette, and press the "Play" button.

Camcorder & Play station Connection

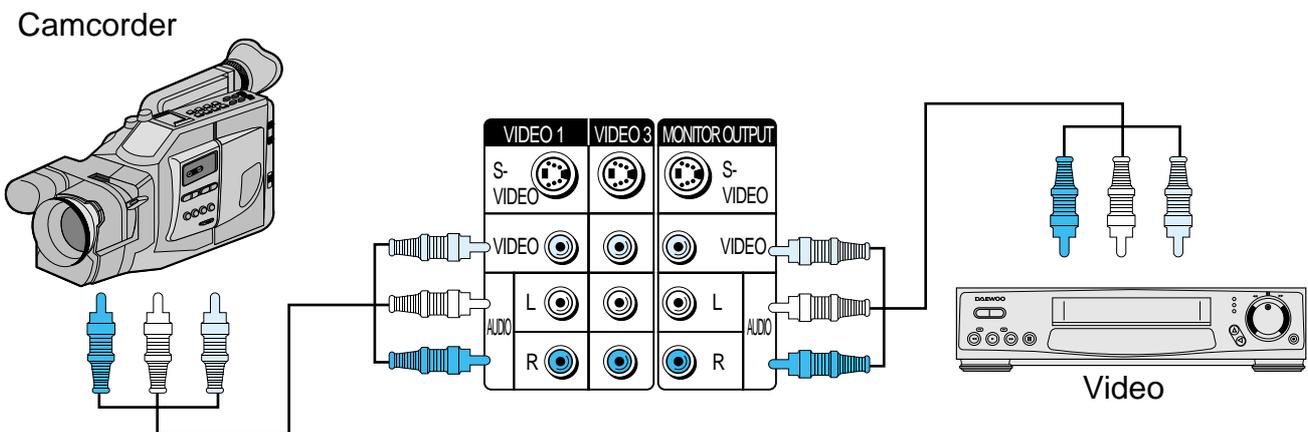
Watching the Camcorder Recording on TV

- Use the input jack provided at the side panel of the TV set
- Use the same connection method for playstation



Playing a Recorded Material and Recording a Video simultaneously

- Connect the camcorder and video as follows.
- Turn the camcorder's video output switch on, and play the recorded material.
- Press the "TV/VIDEO" button, and select Video 1.
- Select A/V INPUT for the Video Input, and start recording.

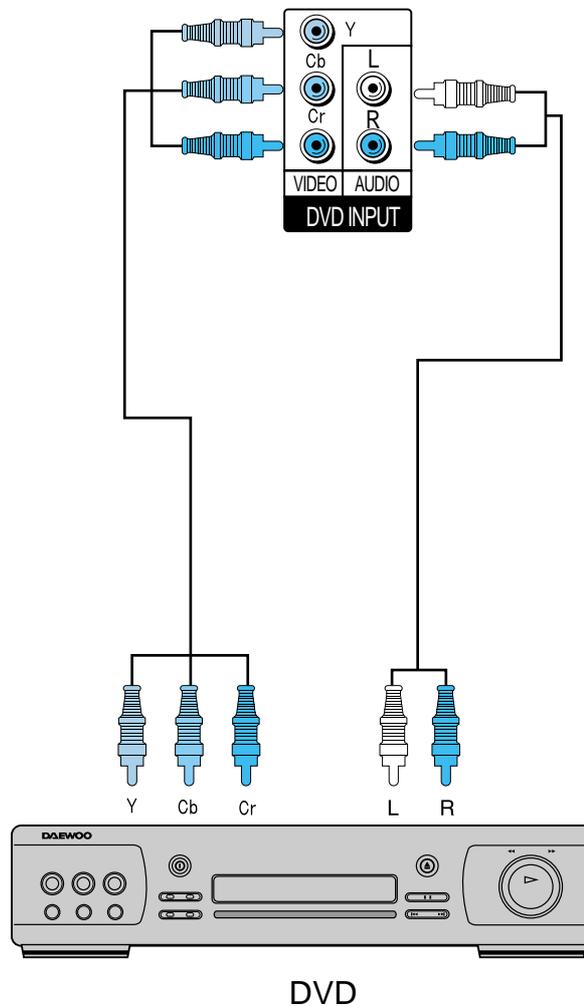


LCD PROJECTION – TV

DVD Connection

DVD

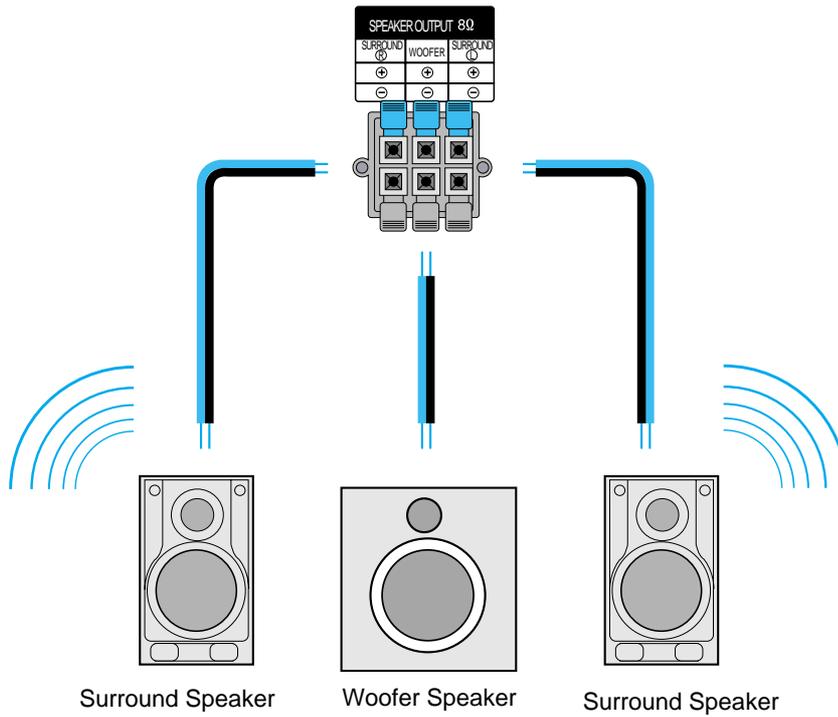
- 480i input signal is possible for DVD input.
- DVD screen output is composed of three separate primary color jack(Y/Cb/Cr), resulting in a higher image quality.
- Y/Cb/Cr, may also be noted as Y/PB/PR or Y/Pb/Pr in different DVD players.
- The DVD player's audio output must be connected to the DVD audio input socket at the back of the TV set.
- You must use a 480p input capable DTV jack if you want to get the progressive scan (480p) DVD screen display.



Audio Connection

Surround Speaker Connection

Feel the realism with the surround sound effect!

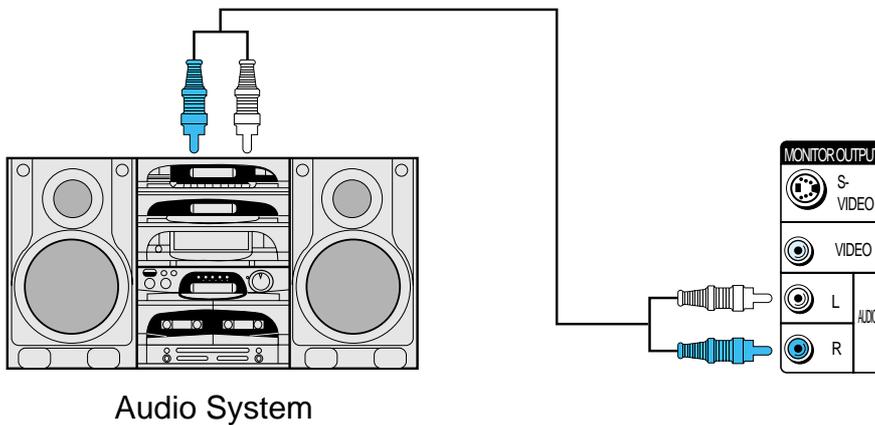


Standard Audio Connection

-You may minimize the volume of the TV set, and listen to the sound.

-The default status of "Dolby sound" is in "Line out: Internal".

-Connect the Audio system to the monitor of the TV set. Then, press <Menu>-<Sound>-<External set> to listen. and select "Line out:External".

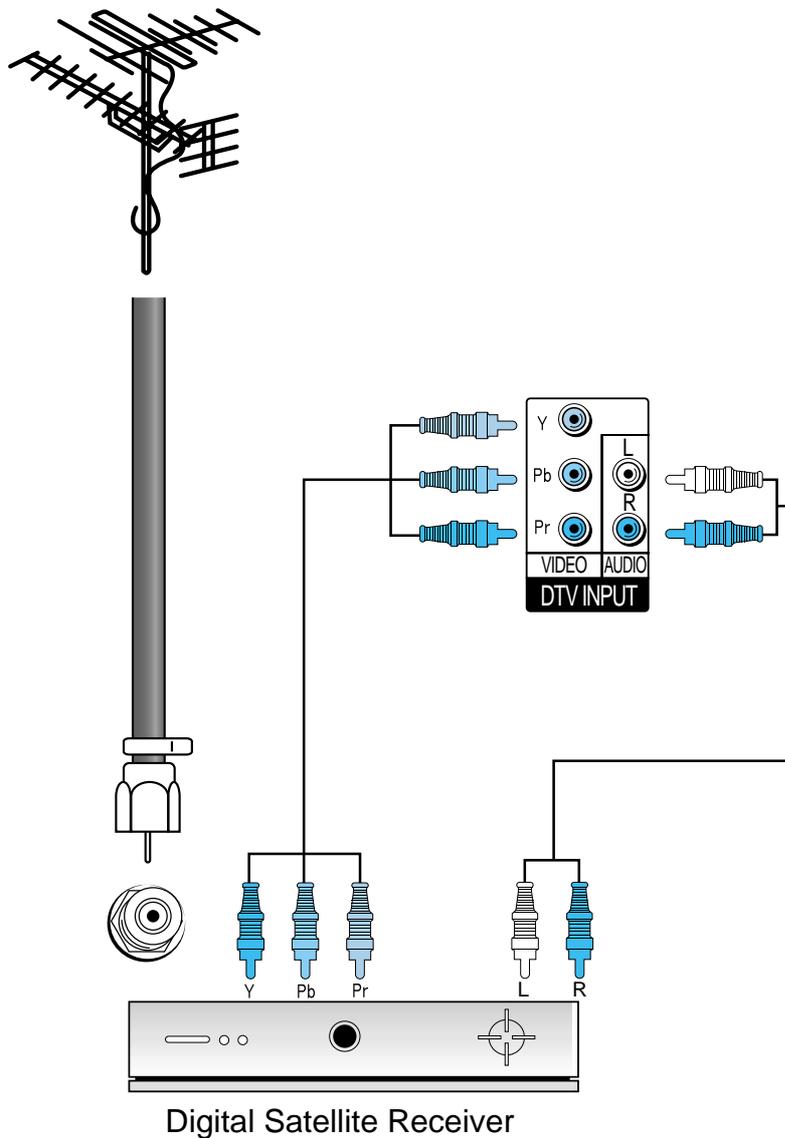


LCD PROJECTION – TV

Digital Satellite Receiver Connection

Watching High Definition Digital Broadcasting

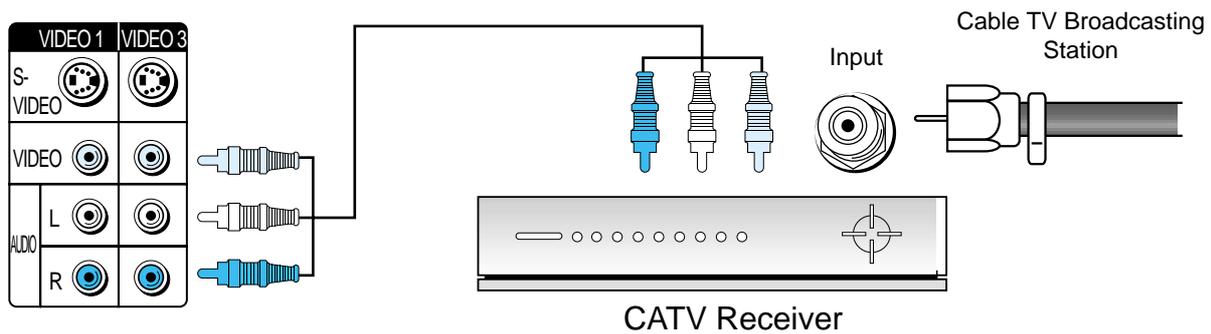
The signal input of 1080i, 720p, and 480p are available in this product.
You may use a general A/V jack for its connection.



Cable TV Broadcasting Connection

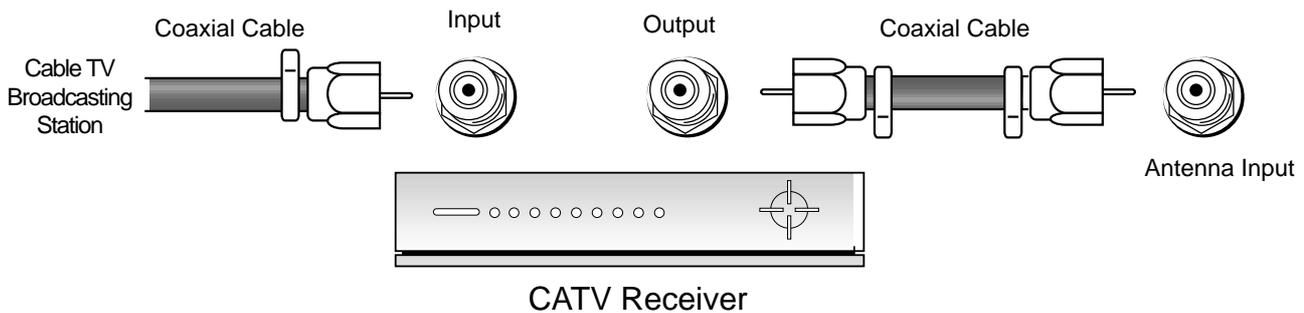
External Input Connection Source

Watching cable television is only possible after you have subscribed to the local broadcasting company and installed a cable receiver. You may make the connection to any of the Video input 1, 2, & 3.



Antenna Input Connection

Watching cable television is only possible after you have subscribed to the local broadcasting company and installed a cable receiver.

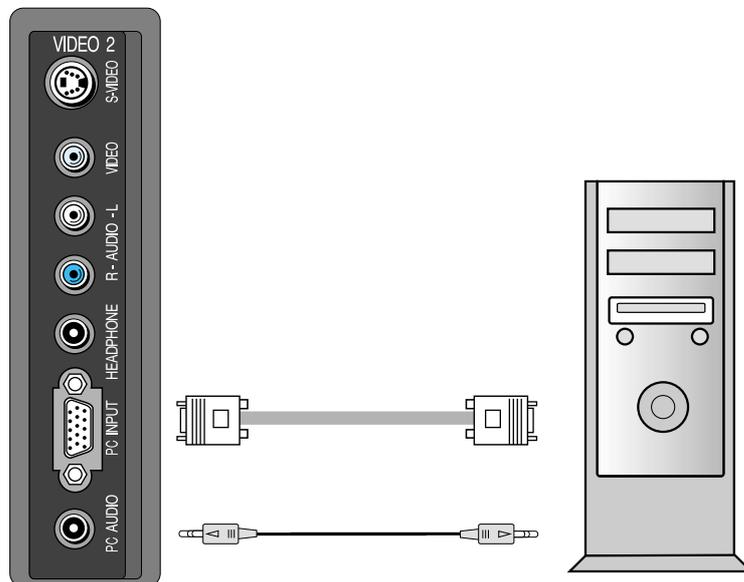


LCD PROJECTION – TV

Personal Computer Connection

Watching PC on TV

No additional appliance is necessary to watch the PC screen on the TV. When connecting with the PC, use the input jacks provided at the side of the TV. PC, audio, and any other related connection cable must be purchased additionally.



RESOLUTION SUPPORTED

The standard screen is wide.

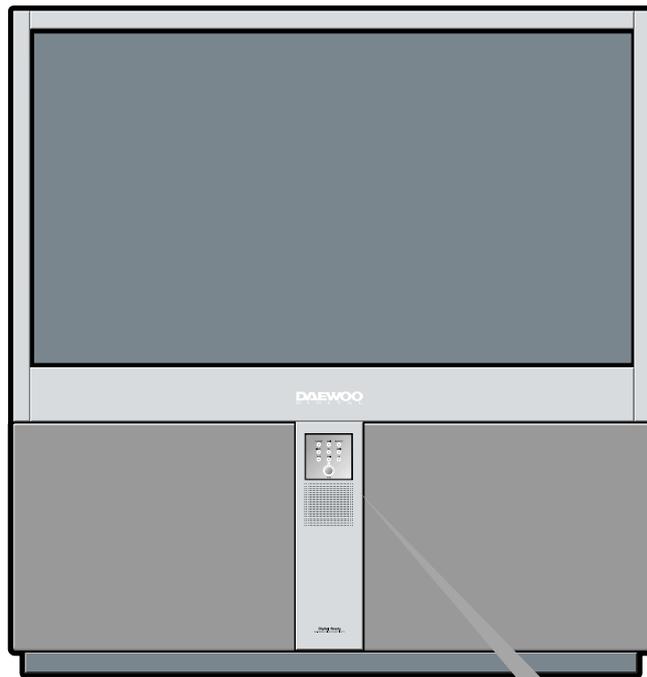
Resolution	Horizontal frequency	Vertical frequency	Remarks
640 × 350	37.861	85.1	VESA
640 × 400	24.823	56.4	NEC
	37.861	85.1	VESA
640 × 480	35	66.7	Macintosh
	37.861	72.8	VESA
	37.5	75.0	VESA
	39.375	75.0	IBM
	43.269	85.0	VESA
720 × 400	37.927	85.1	VESA
800 × 600	35.156	56.3	VESA
	37.879	60.3	VESA
	48.077	72.2	VESA
	46.875	75.0	VESA
	53.674	85.1	VESA
832 × 624	49.726	75.1	Macintosh
1024 × 768	48.193(48.077)	59.3(59.8)	Macintosh(OAK)
	48.363	60.0	VESA
	56.476	70.1	HP&VESA
	60.241	74.9(74.6)	Macintosh
	60.023	75.0	VESA
	68.677	85.0	VESA
1152 × 864	63.851	70.0	VESA
	67.5	75.0	VESA
	77.094	85.0	VESA
1152 × 900	61.769	66.0	SUN
	71.713	76.0	SUN
1280 × 960	60	60.0	VESA
	75	75.0	VESA
	85.938	85.0	VESA
1280 × 1024	46.433	43.4	VESA
	63.981	60.0	VESA
	78.125	72.0	HP&HITA
	78.855	74.1	Sony&NEC
	79.976	75.0	VESA
	91.146	85.0	VESA
1600 × 1200	62.5	48.0	VESA
	75	60.0	VESA
	81.25	65.0	VESA
	87.5	70.0	VESA
	93.75	75.0	VESA
	100	80.0	VESA
	106.25	85.0	VESA

LCD PROJECTION – TV

Name of Each Part

Front Panel

Buttons on the TV set have the same function as those of the remote controller.



Front Panel Button

If you turn the TV set off by pressing the main power button at this panel, it is as unplugging the power cord from the outlet since this will prevent all operation of both the TV set and the remote controller. Unless you are not using the unit for a long period of time, have the main power on this panel turned on at all times.

Remote controller signal receiver

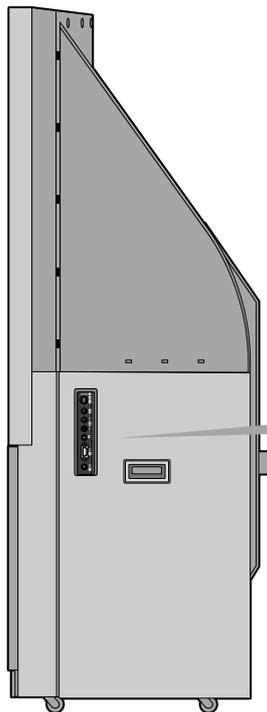
the screen contains the remote controller signal receiving window; thus, point the remote controller towards the screen when using it.

Timer Lamp

The timer lamp will be on when the on/off of the timer set-up is programmed.

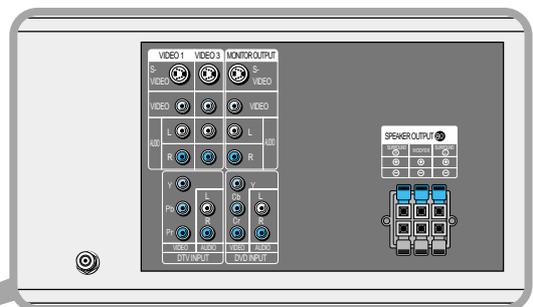
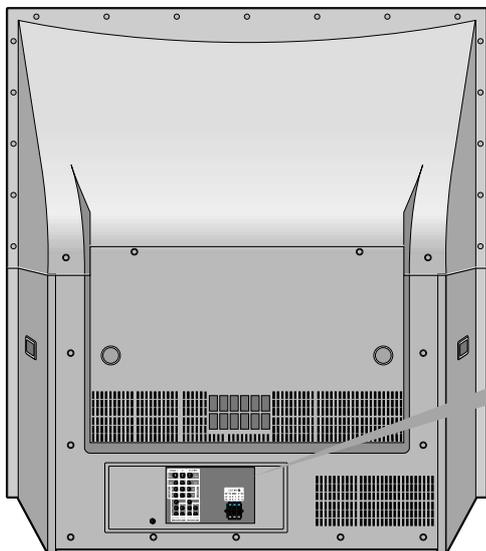


Side and Rear Panel



Side Panel

It is convenient to use the input jacks provided at the side panel when connecting to the camcorder or play station. It is also convenient when connecting a personal computer to the TV set, and when listening to the sound through headphones.

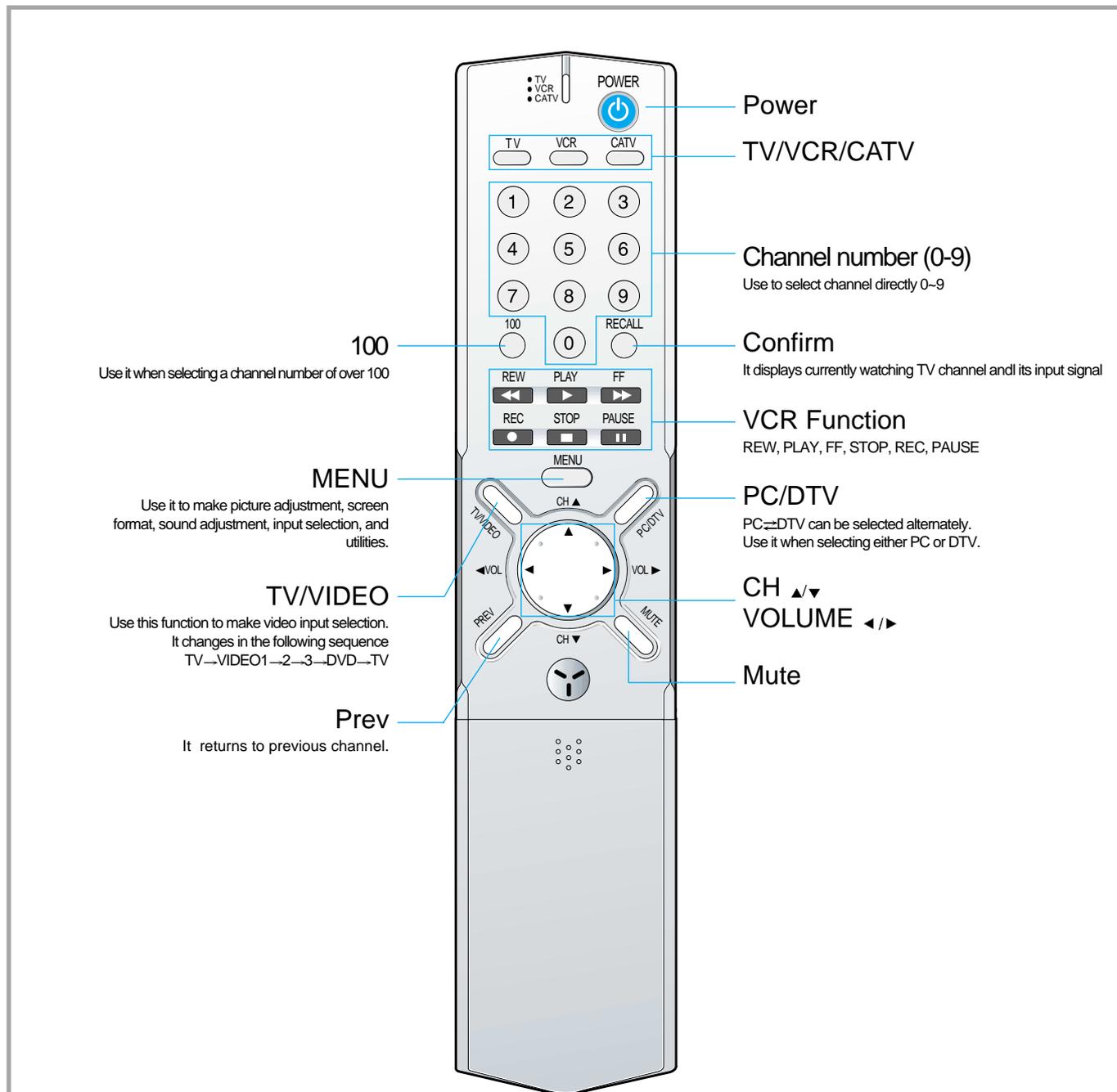


Back Panel

LCD PROJECTION – TV

Parts of the remote controller

This remote controller is universal; thus, it may be convertible for TV, Video, CTV, etc.



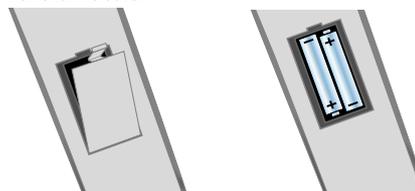
WHEN THE TV SCREEN IMAGE IS UNCLEAR

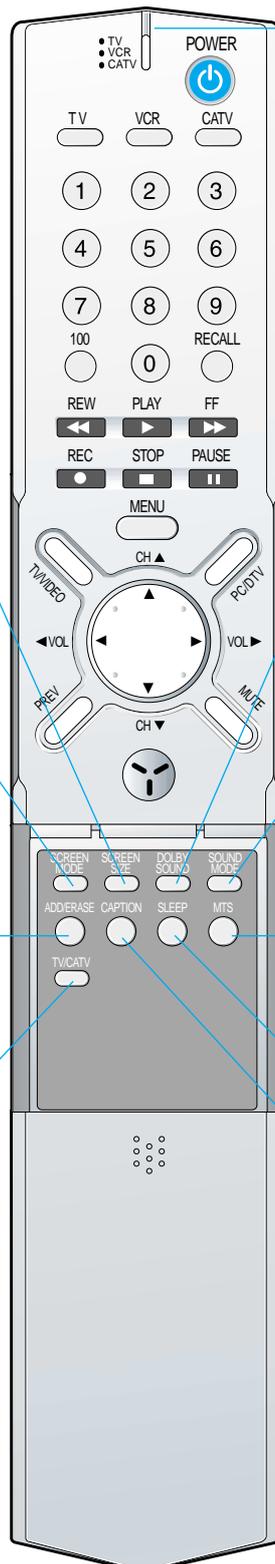
- Do not drop or spill liquid on it.
- Do not expose on heat, dust, and humidity



BATTERY INSTALLATION

- Push to open the cover of the remote controller
- Set the batteries in the battery cell after checking the electrode, and then shut the cover.





Remote controller Lamp

(When the Remote controller lamp is in:
green-TV in use
orange-VCR in use
red-CATV in use.

Screen Size

This feature converts the screen size by changing its aspect ratio. Each time you press the button, it will be changed from Normal → Wide → Panorama → Enlarge (LB) → Enlarge (LBS)

Screen Mode

This feature converts the screen mode each time you press the button from Normal → Bright → Soft → User.

Channel Add/Erase

This feature either memorizes the current channel or erases a channel that has previously memorized.

TV/CATV

This button allows you to select the broadcasting alternately.

Dolby Sound

This button allows you to choose one of the Pro Logic modes. Each time the button is pressed, it rotates from 3-Stereo → Wide → Normal → Off.

Sound Mode

This feature allows you to choose the mode, Each time the button is pressed, it rotates from Normal → Music → Movie → News → User.

Bilingual Broadcasting

This feature allows you to select the language while broadcasting.

Sleep Timer

This feature is used to set up the time of automatic turn off.

Caption

This feature allows you to choose the caption. Each time the button is pressed it rotates from CC1 → CC2 → CC3 → CC4 → Off

Note

- If the remote controller does not operate properly, check whether the TV mode is correctly selected when changing the channel, whether the main power is turned on; and whether the batteries are not low.

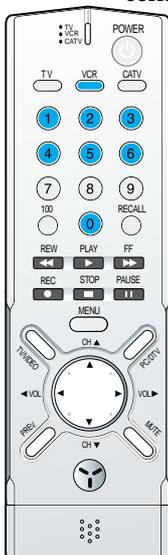
LCD PROJECTION – TV

Remote Controller Set-up

1

When Using the Remote Controller for VCR Purpose

• It is only operated with the VCRs manufactured by DAEWOO. Some products may not be compatible to this TV set, and may not be able to receive the remote controller signals.

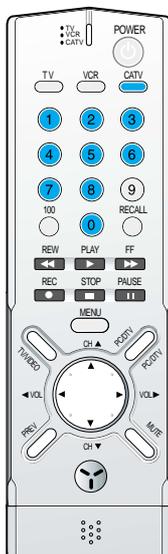


1. Turn on the VCR.
2. Press the VIDEO button for about 3 seconds. A lamp will light up on the remote controller.
3. Select and press one number among 01, 02, 03, 04, 05, 06 towards the remote controller signal-receiving window of the VCR. As you press the number buttons, the lamp at the top of the remote controller will flash once.
4. Repeat this process 3 times until the VCR turns off.
5. When the VCR turns off, press the VIDEO button once more. Then, the lamp at the top of the remote controller will flash three times and turn off. You now may use the remote controller for both the TV set and the VCR.
6. Use the basic VCR functions on the remote controller to operate the VCR.

2

When using the remote controller for Cable TV Converter

• It is only operated with the Cable TV converter manufactured by DAEWOO. Some products may not be compatible to this TV set, and may not be able to receive the remote controller signals.



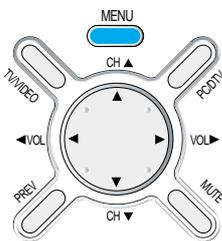
1. Turn on the cable converter.
2. Press the CABLE button for about 3 seconds. A lamp will light up on the remote controller.
3. Select and press one number among 01, 02, 03, 04, 05, 06, 07, 08 towards the remote controller signal-receiving window of the Cable Receiver. As you press the number buttons, the lamp at the top of the remote controller will flash once.
4. Repeat this process 3 times until the Cable Converter turns off.
5. When the Cable Converter turns off, press the CABLE button once more. Then, the lamp at the top of the remote controller will flash three times and turn off. You now may use the remote controller for both the TV set and the Cable Converter.
6. Use the basic functions on the remote controller to operate the Cable Converter.

Basic Menu Guide

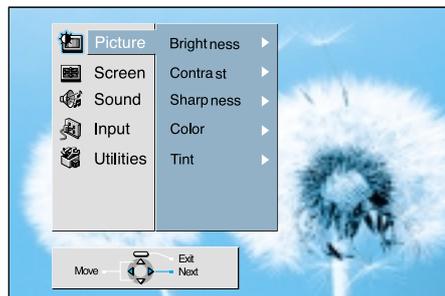
Basic Menu

When the "menu" button is pressed, the basic menu window will appear on the screen. It contains a list of 5 entries-Picture, Screen, Sound, Input, Utilities. Furthermore, each entry contains its pertinent sub-items, and when an entry is selected, a list of its sub-items will appear at the right.

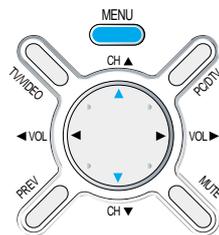
1 Displaying the main menu



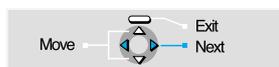
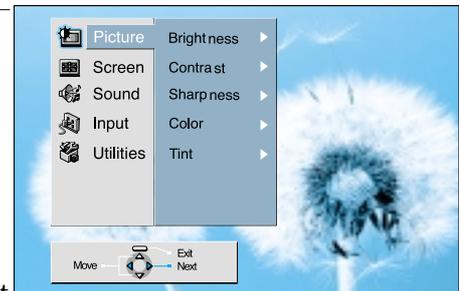
- When the menu button is pressed, the basic menu will appear.



2 Selecting an item



- Press the "CH▲/▼" button to select on the item. Follow the instructions on the screen to set up.
- When the setting is done, press the "menu" button to close the window.
- The menu window will automatically disappear if not closed after an approximate time of 8 seconds



- The window below the main menu where states "move, previous, next, select" changes its color, and helps to recognize currently selected menu.



Picture

Its sub-items are Brightness, Contrast, Sharpness, Color, and Tint.



Screen

Its sub-items are Screen Size, Screen Mode, and Adjustment (PC/DTV)



Sound

Its sub-items are Sound Mode, Equalizer, Dolby Pro Logic, Sound Balance, Dolby Sound, and External set.



Input

Its sub-items are Input, TV/CATV, Auto Search, Channel Selection, and Fine Tune.



Utilities

Its sub-items are Language, Time setting, Factory set, Resolution (PC/DTV), Lamp Time, and parental set(TV/VIDEO).

LCD PROJECTION – TV

To watching Television

Turning on the TV

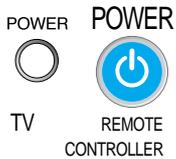
Buttons on the TV set have the same functions as those of the remote controller.

1 Turning on the TV set.



- Plug the power cord to the outlet and press the main power at the front controller panel.
- A red lamp will light up.

2 Operating the TV set.



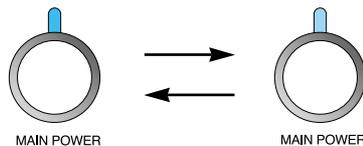
- Press the power button on the remote controller or on the TV set.
- When the main power lamp flickers on green, the screen will gradually turn on. During this instance, the power button will not operate. When the process is completed, the main power lamp lights on green



※It is LCD-Projection TV characteristics that it takes a little while for the video to be displayed on the screen when it is turned on. This is not malfunctioning; thus, please be patient and wait for a moment.

※The degree of brightness will decrease insignificantly after 3 minutes is passed. This is not a breakdown; it is only using a power saving process to maximize the lamp's lifetime.

※When the power buttons are pressed, the main power lamp may flicker in green, but the secondary power lamp may flicker in red and orange alternately. In this case, the TV's main power has been erroneously pressed, or has been turned off improperly by a power stoppage or by any other reason. However, please wait for an instant, and the TV will be back on (the latest 1min. 30sec.) since this is not a malfunctioning of the product.



When the Main Power button is pressed, and the TV does not turn on:
Please check the following list before calling for a service

- ①Timer On/Off and the main power lamp flickering in red: Please check whether the air filter and lamp cover is properly fixed and adjusted.
- ②Timer On/Off and the main power lamp flickering in red and orange alternately: There must be a problem with the lamp. You may have to change the optical lamp or call for service. (For the lamp exchange, please refer to page 12 of the manual)
- ③Timer On/Off and the main power lamp flickering in orange: There must be a problem in the cooling fan. Please call for service.
- ④The main power lamp flickering in orange: The product is overheated and its temperature is extremely high for some reason. Please check if the slots and openings of front and rear panels are blocked impeding its ventilation or if the filter is full of dust and needs some cleaning. After checking them, press the power button on the remote controller or the one on the TV set to turn on the TV and operate again.

Turning off the TV

The lamp's lifetime may be reduced if the TV set is not turned off properly. Please read the indications carefully, and power it off as instructed in this manual.

1 Turning off the TV set.



- Press the power button on the remote controller or that of the TV set.
- Audio and Video will be turned off and the main power lamp will flash in green at this time. This is not malfunctioning nor an error; it is just a process of cooling the lamp off. During this time, the power button will not operate. A red light will light up after a minute.



※If the button is pressed within 10 seconds after the power is turned off, the video will be displayed without the standby period.

2 Checking proper shut down



- Please have the main power on at all times, except when the unit is not used for a long period of time. Press the power button when the main power light is in red. Improper turning off of the TV set may cause a damage to the lamp.

PRESS THE MAIN POWER BUTTON AT THE FRONT CONTROLLER

- You must press and turn on the main power button for the remote controller and the function keys on the TV set to operate. If the main power is turned off, neither the remote controller nor the function keys on the TV set will operate.

WHEN PRESSING THE CHANNEL BUTTONS

- When selecting the channel by pressing the number buttons directly, you must press two digits. For example, to select channel number 3, then you must press 0 and 3. If you only press one digit of 3, it will take you a little longer for the channel to be selected and displayed.

WHEN THERE IS A SUDDEN SOUND WHILE WATCHING OR AFTER

- There is no damage caused to the TV set if there is no distortion on the screen image or affect on its sound quality. This may happen when the cabinet is compressed by the internal temperature change.

TO TURN THE SOUND OFF

1. Press the "mute" button
2. The sound will be off if the screen displays "muting"
3. When the "mute" button is pressed once more, the sound will be back on. For example, use this feature when there is a telephone call or when there is a visitor.

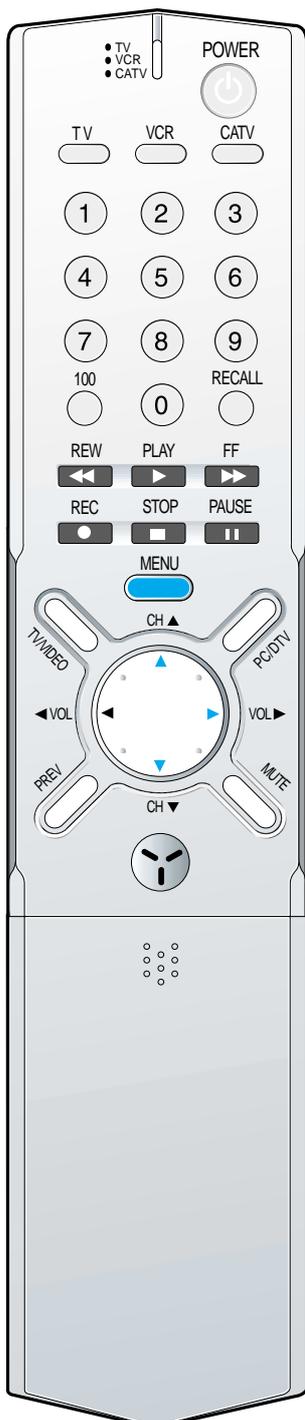
CONFIRMING THE CURRENT TV OPERATION

- When the "Recall" button is pressed, the currently watching channel or broadcasting condition and input status are indicated on the screen.

LCD PROJECTION – TV

Channel Auto Search

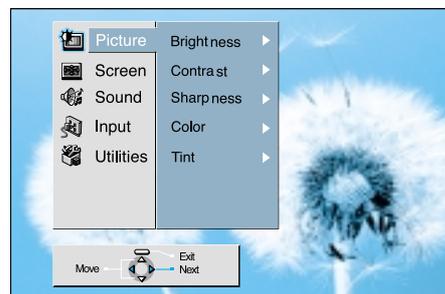
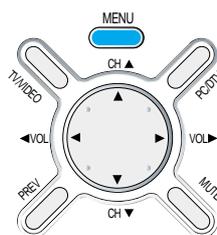
- This feature searches and memorizes all the broadcasting channels automatically. It is very convenient if you have this feature programmed since you do not need to press the number buttons one by one; instead, you may search the channel just pressing the “CH(▲/▼)” buttons.
- Remember that you must connect the antenna and input during the regular TV broadcasting time. You may use this feature to program for both the TV/CATV channels available. However, in case you move out or transport the TV set to somewhere else, you must reset programming.



1

Displaying the Main Menu.

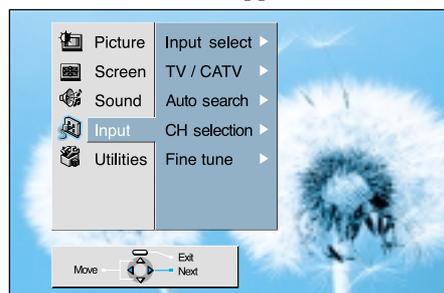
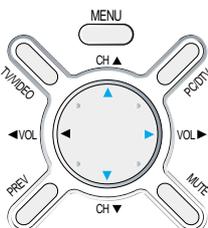
- Press the “Menu” button.
- The following menu window will appear on the screen.



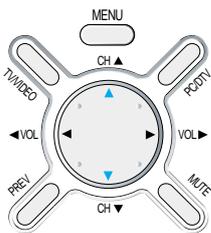
2

Viewing Sub-items.

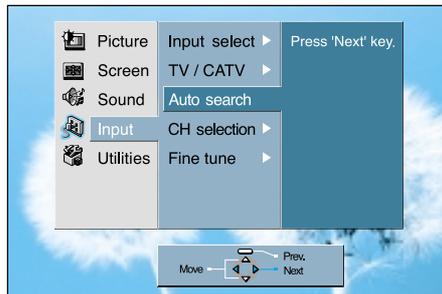
- Press the “CH▲/▼” button and highlight the Input and press “Vol▶” button.
- When the button is pressed, an extended menu window will appear.



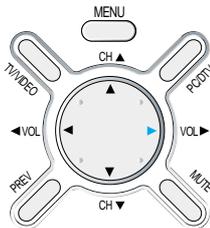
3 Choosing "Auto search"



- Select "Auto search" by pressing the "CH ▲/▼" buttons.



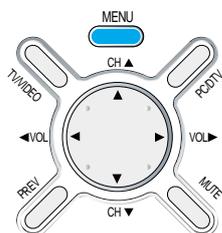
4 Operating Auto search.



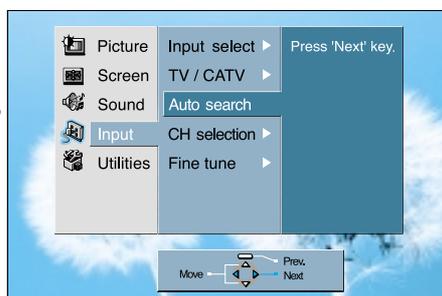
- Press the "Vol ►" button.
- "When the "Vol ►" button is pressed, the channel auto search will begin, and memorize all currently available broadcastings.
- During the search, "Auto Searching channels. Press the "Menu" key to stop CH. auto-searching will be indicated on the screen.



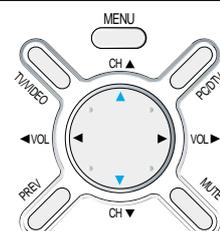
5 Exiting Auto search.



- When the search is done, press the "Menu" button.
- When the search is finished, the menu window previously displayed will appear on the screen.



6 Checking Programmed Channels.



- Press "CH ▲/▼" buttons and check it.
- Only the memorized channels will be displayed on the screen.

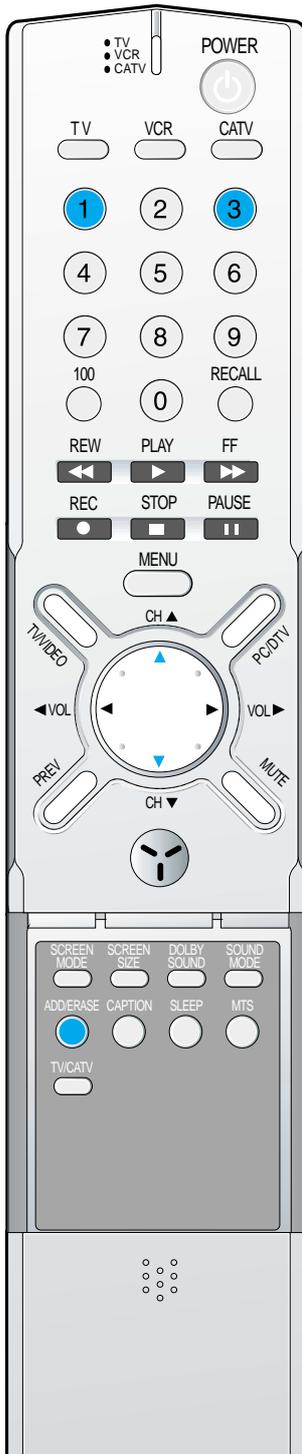


LCD PROJECTION – TV

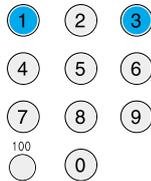
Adding a Channel

An additional channel may also be memorized when it is not added during the initial auto search because of bad broadcasting signal reception during the initial set-up.

You may follow this easy step: Menu → Input → CH Selection → Add/Erase Channel



1 Selecting a Channel to be Added.



- Choose the channel pressing the number buttons. For example, channel "13"



2 Adding a Channel.

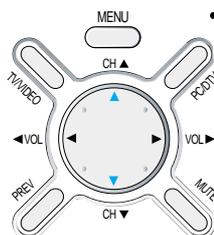
ADD/ERASE



- Open the remote controller's lid, and press the "Add/Erase" button.
- When the "Add/Erase" button is pressed, the channel number color changes from red to green.
- Each time the "Add/Erase" button is pressed, Channel Add(green) ← → Channel Erase(red) indications appear alternately.



3 Checking Added Channels.



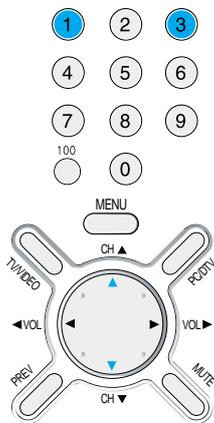
- Press the "CH ▲/▼" button, and you will see that the channel 13 is programmed.



Erasing a Channel

This feature allows you to erase an unnecessary channel from the program. You may follow this easy step: Menu → Input → CH Selection → Add/Erase Channel

1 Selecting a Channel to be Erased.



- Select the channel to erase, pressing the “CH▲/▼” buttons.
- You may choose to select the channel pressing the number buttons. For example, channel "13"



2 Erasing a Channel.

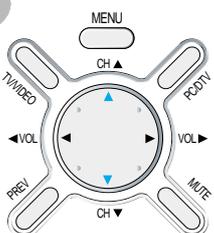
ADD/ERASE



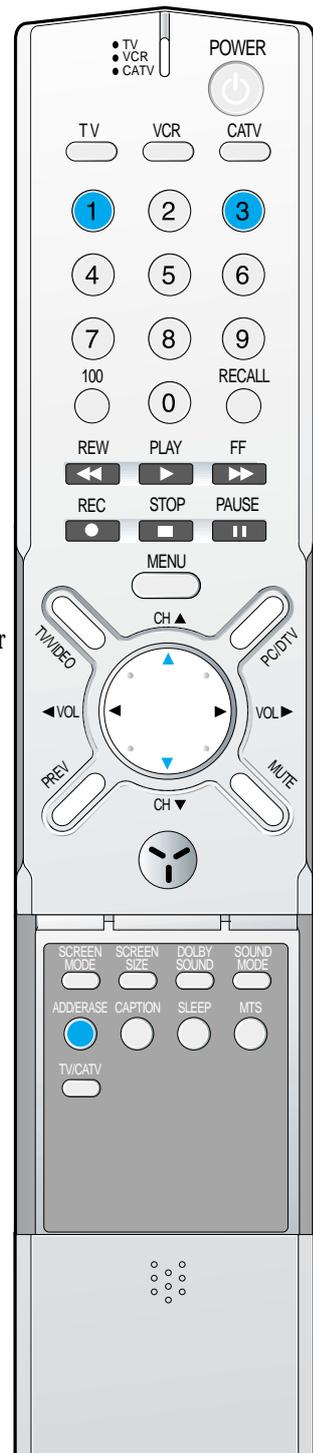
- Open the remote controller's lid, and press the "Add/Erase" button.
- When the "Add/Erase" button is pressed, the channel number color changes from green to red.
- Each time the "Add/Erase" button is pressed, Channel Add(green) ↔ Channel Erase(red) indications appear alternately.



3 Checking erased Channels



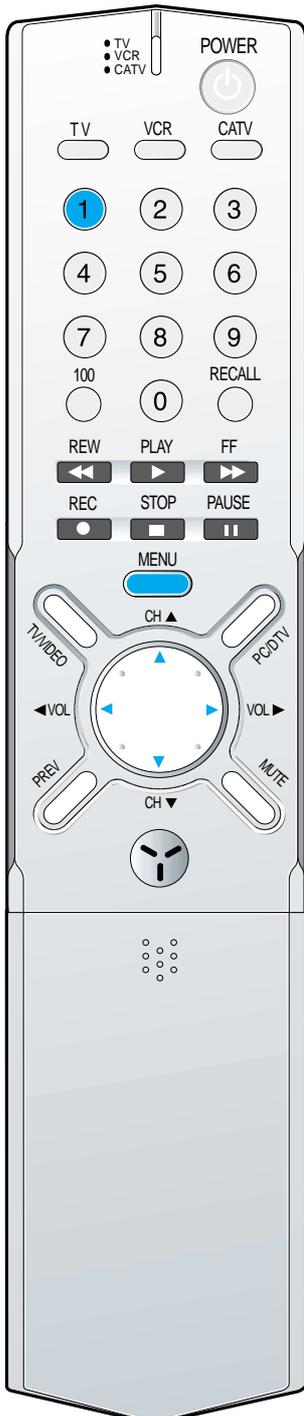
- Check the erased channel pressing the “CH▲/▼” buttons.
- Press the “CH▲/▼” button, and you will see that the channel 13 is removed from the program.



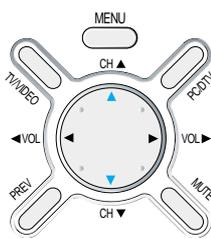
LCD PROJECTION – TV

Fine Tuning

This feature provides adjustments and controls the picture when the image of the screen displays dotted lines, distortion, lack of color, etc. It helps the television to output the clearest and highest quality picture.



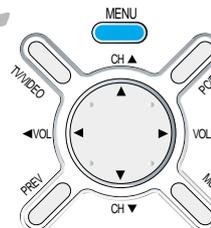
1 Adjusting a channel.



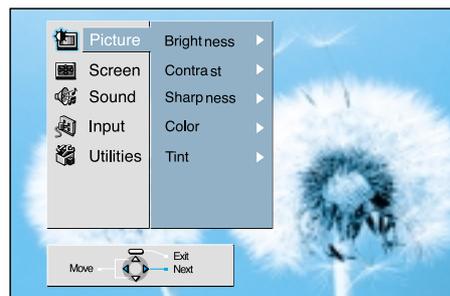
- Select the channel to be adjusted
- When fine tuning channel 11, select the channel "11" either by using the "Number" buttons or by the "CH▲/▼" buttons.



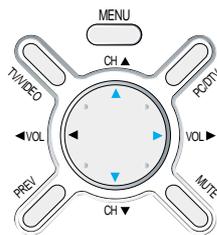
2 Displaying the Menu.



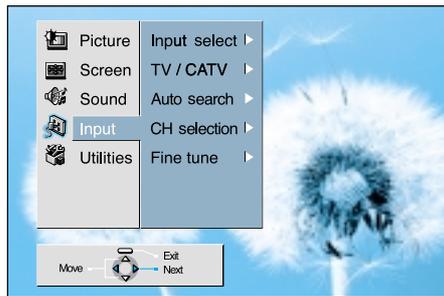
- The following screen will be displayed.



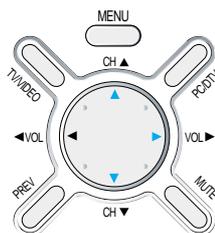
3 Viewing the Sub-items.



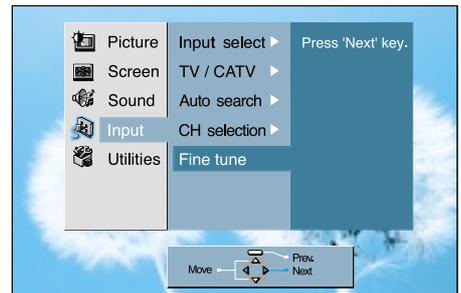
- Select "Input" by pressing the "CH ▲/▼" buttons.
- When the "Vol ▶" button is pressed, an extended menu window will appear.



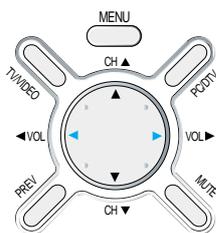
4 Operating Channel.



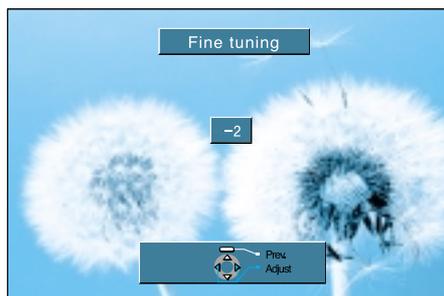
- Select "Fine Tuning" by pressing the "CH ▲/▼" buttons.
- When the "Vol ▶" button is pressed, the menu will be changed.



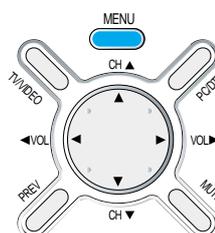
5 Tuning the Channel at Your Preference.



- Adjust the Screen condition pressing the "Vol ◀/▶" buttons.
- The range of -48 ~48 tuning adjustment is available.



6 Exiting Fine tuning



- Press the "Menu" button until the menu window disappears.



LCD PROJECTION – TV

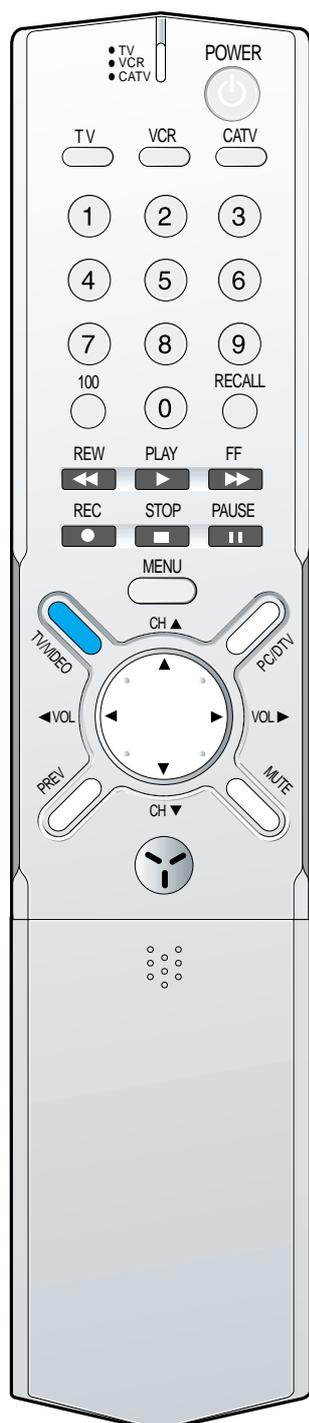
Watching VCR and DVD

Watching VCR & DVD

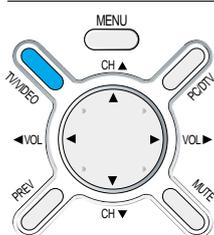
Please refer to the connection guide of television to external input provided at the page 15~21.

Selecting a channel is undoable when the unit is in Video mode.

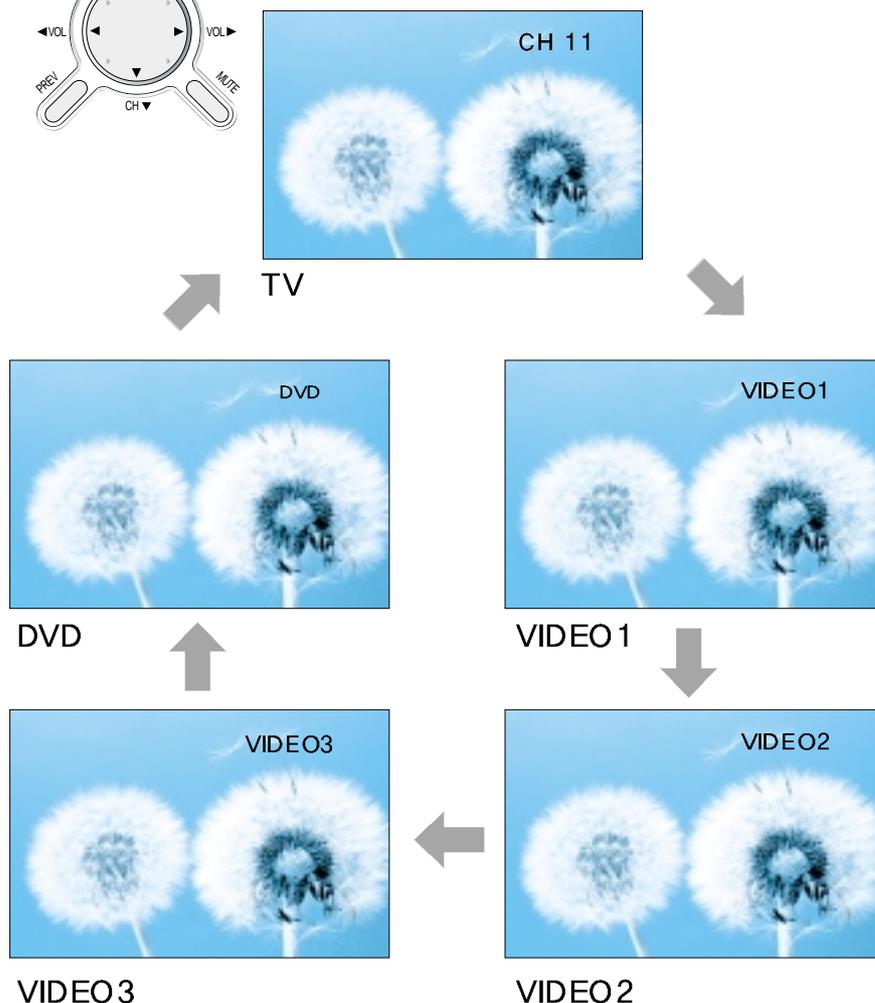
The input may be selected by pressing Menu → Input → Input select



1 Connect Either the VCR or DVD with the Television and Press the "TV/VIDEO" of the Remote Controller Repeatedly.



• Each time the "TV/VIDEO" button is pressed, the video input changes as follows.

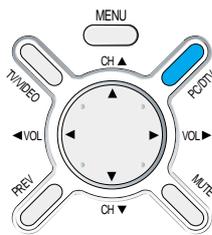


Watching DTV or PC

Watching DTV or PC

This feature may be selected by pressing Menu → Input → Input select

1 Connect Either the DTV or PC with the Television and Press the "PC/DTV" Button on the Remote Controller.



• Each time the "PC/DTV" button is pressed, the DTV or PC input changes as follows.

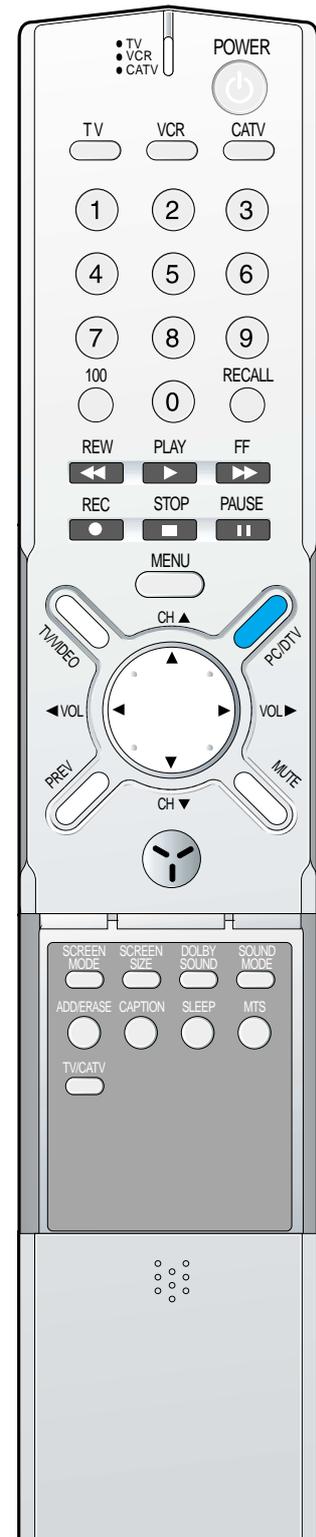


DTV



PC

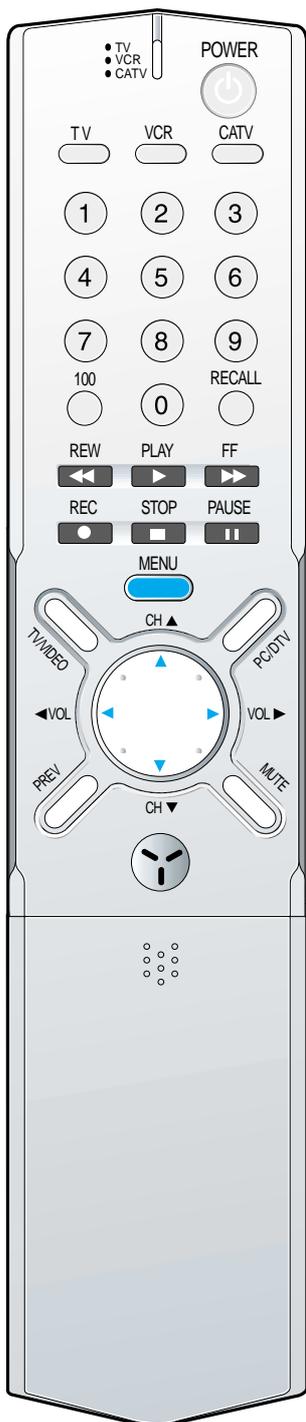
- If the connection has not been established, "No signal ! Please check input signal or press "TV/VIDEO" key or "PC/DTV" key, will be displayed on the screen.



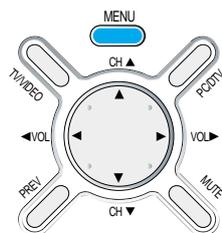
LCD PROJECTION – TV

Screen Adjustment of DTV or PC

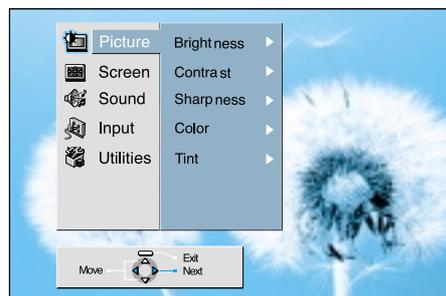
This feature is only available when there is a DTV or PC input. It provides information on the resolution and frequency, and helps adjust its positions.



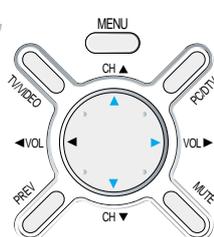
1 Displaying the Menu.



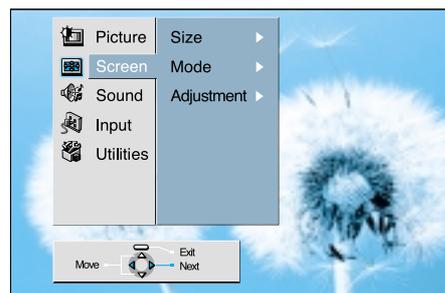
- Press the “menu” button
- The following menu will appear on the screen
- You must operate it only when the DTV or the PC is connected.



2 Selecting an Entry.

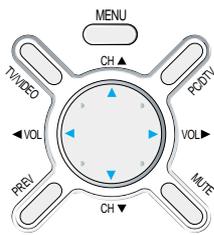


- Select the "Screen" pressing the “CH ▲/▼” buttons
- Press the “Vol ▶” button.
- When the “Vol ▶” button is pressed, an extended menu will be displayed on the screen.

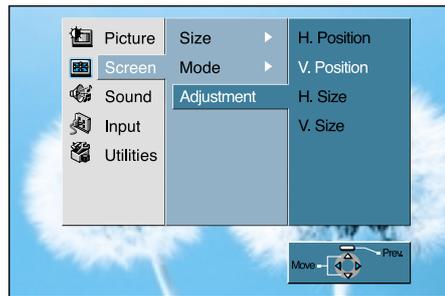


To Watch the Cable TV

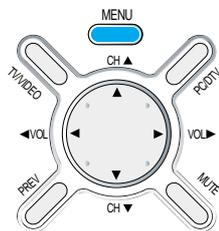
3 Adjusting Screen Format.



- Select "Adjustment" with "Vol ▲/▼" buttons
- When the "Vol ▲" button is pressed, a gauge menu will be displayed on the screen.
- Use the "Vol ▲/▼" buttons to format the screen.
- ※ The screen's horizontal and vertical sizes can only be adjusted in the "Wide" size of the PC input.



4 Exiting Screen Format.



- Press the "menu" button until the menu window disappears.



TO VIEW THE INFORMATION ON THE RESOLUTION AND THE FREQUENCY, PRESS THE "RECALL" BUTTON ON THE REMOTE CONTROLLER. YOU MAY VIEW THIS INFO BY PRESSING MENU → UTILITIES → RESOLUTION.

Watching the CATV

1 Selecting the CATV

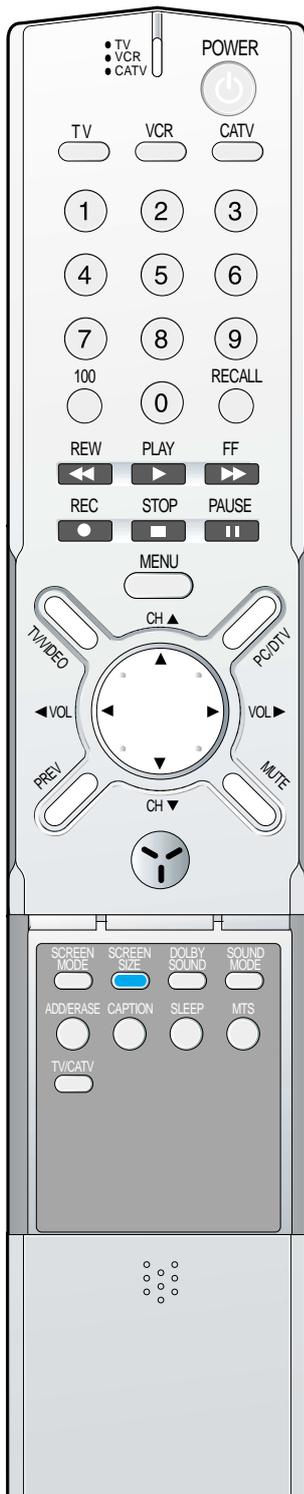


- Open the remote controller's lid and press the "TV/CATV" button. Each time the button is pressed, the sequence changes TV ← → CATV alternately.

LCD PROJECTION – TV

Screen Size Adjustment

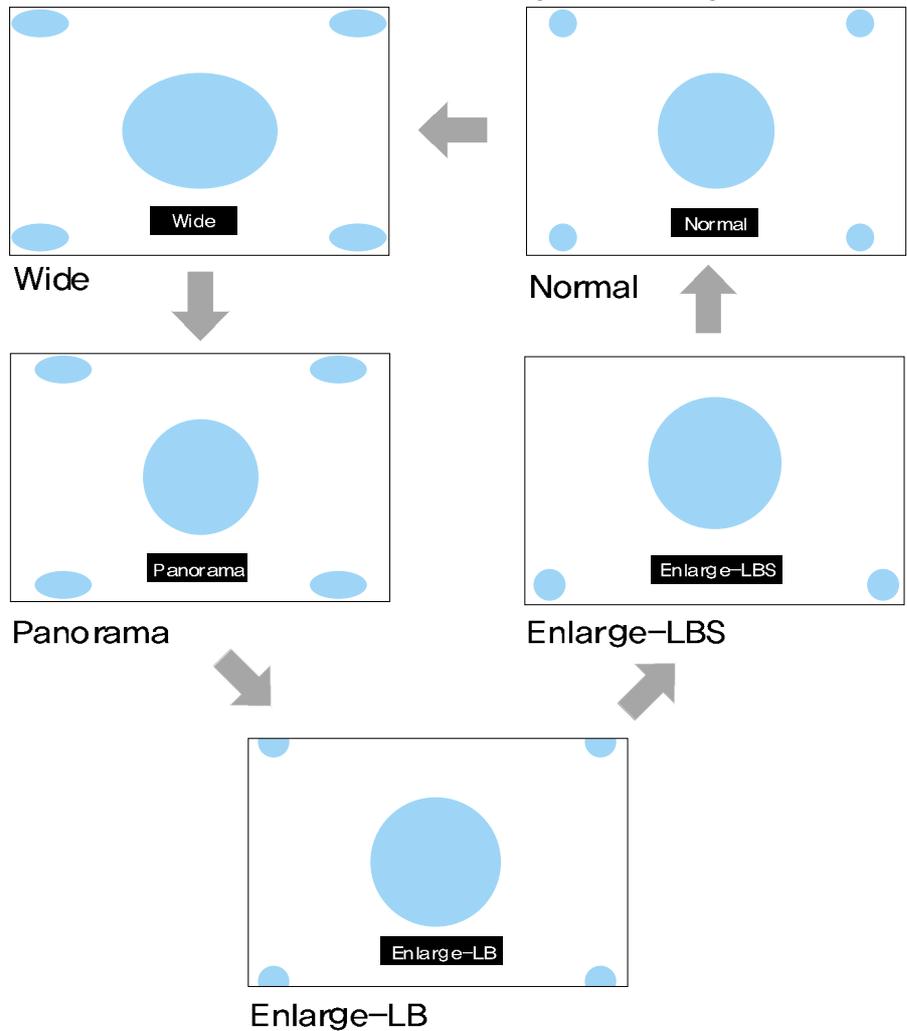
You may change the screen size at your preference. It is more entertaining and fun watching TV.
You may adjust it by pressing Menu → Screen → Size.



Selecting Screen Size.



- Open the remote controller's led and press the "Screen Size" button.
- The size and the aspect ratio of the screen that you are currently watching will be changed.
- Each time you press the button, it will be changed as follows:
Wide → Panorama → Enlarge - LB → Enlarge - LBS → Normal



- **Wide:** With the screen of 16:9 aspect ratio, you can feel the exceptional sensation that you may only feel in theaters
- **Panorama:** 4:3 ratio is enlarged to 16:9, while remaining the centered object as is keeping it natural.
- **Enlarge - LB:** Enlarge the image as is
- **Enlarge - LBS:** Enlarges the screen, and places the caption on the image in case you are watching Video with caption on it.
- **Normal:** Currently broadcasting normal TV screen size

Screen Mode Adjustment

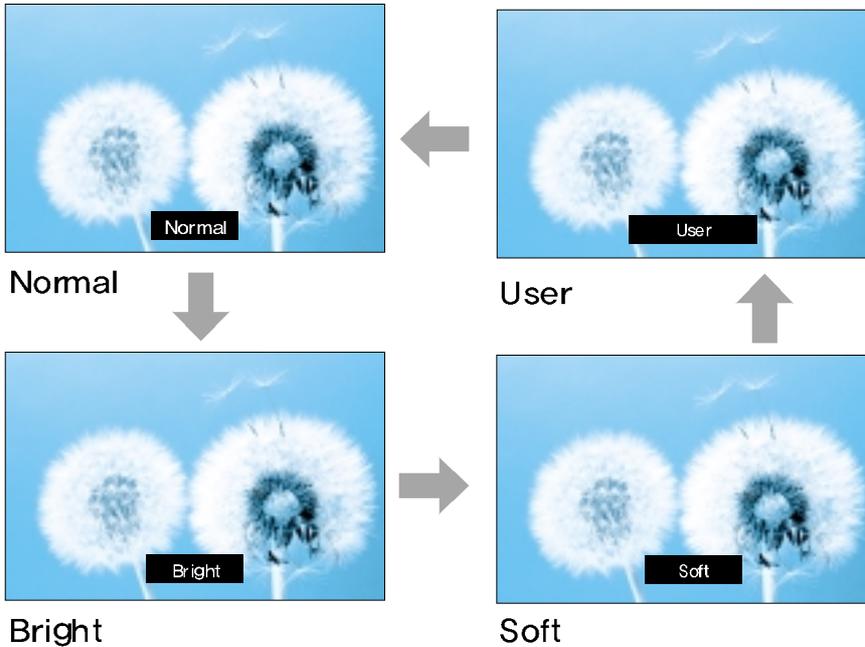
You may select the screen mode already provided by the factory at your preference without going through the adjustments yourself.

You may make the selection by pressing Menu → Screen → Mode.

1 Selecting Screen Mode.

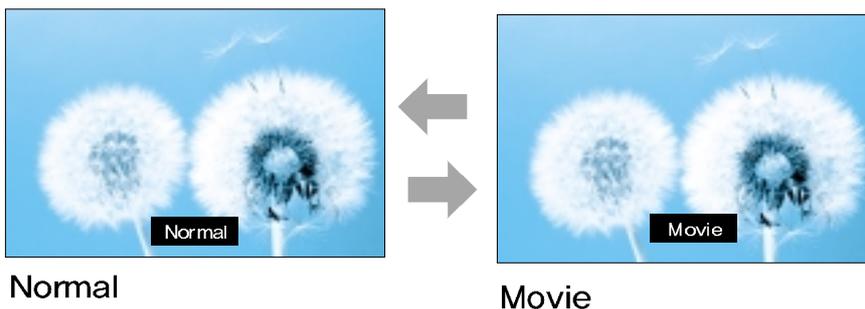


- Open the remote controller's led and press the "Screen Mode" button.
- Each time you press the button, it will be changed as follows:
- Adjust the brightness, contrast, and sharpness on each screen mode, and you will be automatically on the "user" screen.
- Adjustment is possible in each video mode.

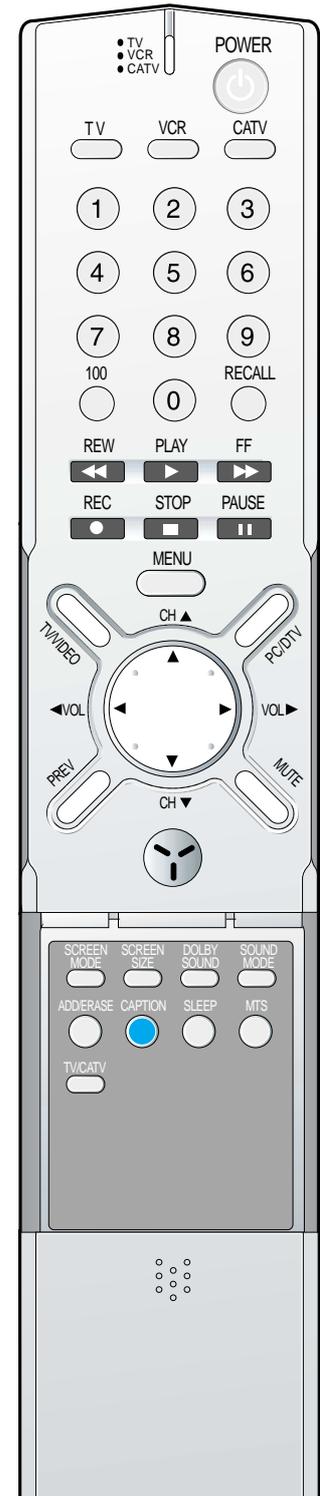


- **Normal:** Initially set-up mode. Use it when the surrounding is bright.
- **Bright:** You may enjoy a brighter and a clearer picture image.
- **Soft:** It makes your eyes less tired even watching video for a long-term
- **User:** You adjust the screen and customize it at your preference.

However, when the Input is in PC, only "Normal" and "Movie" modes are available.



- **Normal:** Initially set-up mode.
- **Movie:** You may enjoy natural picture images when watching Video with PC connection.



LCD PROJECTION – TV

Making Picture Adjusting

You may adjust the brightness, contrast, sharpness, color and tint at your preference.

BRIGHTNESS

- Adjusts the degree of brightness or darkness of the whole screen

CONTRAST

- Adjusts the degree of brightness and darkness of the objects with the background of the picture.

SHARPNESS

- Adjusts the shapes of the objects providing a clearer and softer image.

COLOR

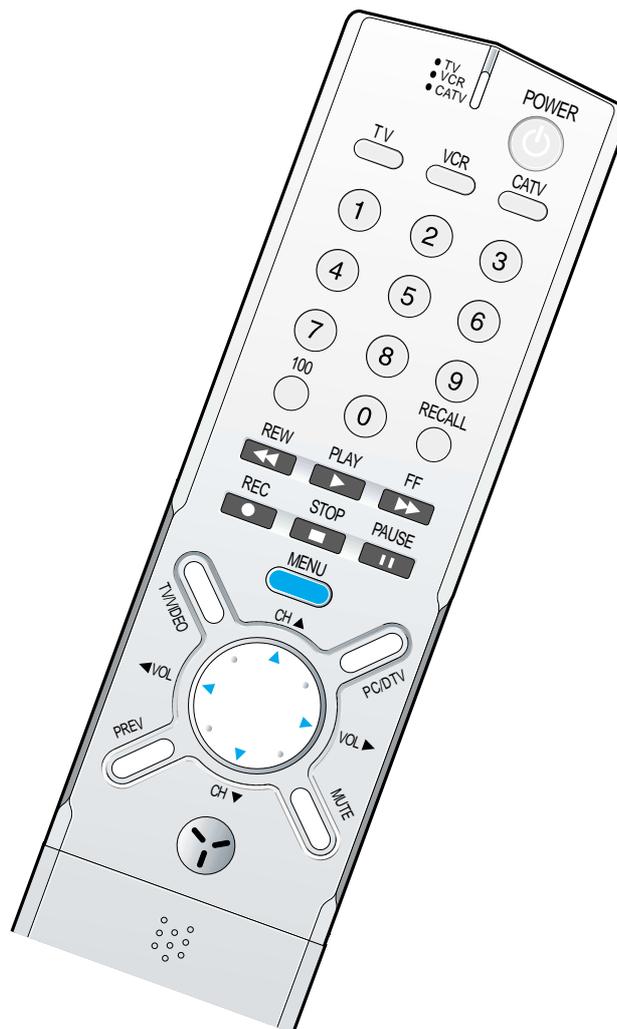
- Adjusts the degree of the color saturation

TINT

- Adjusts and reproduces a person's skin color most naturally.

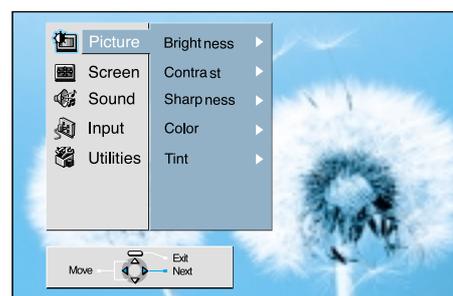
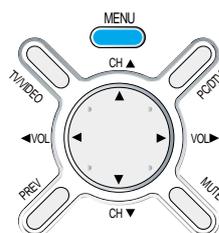
IN PC INPUT

- Brightness, Contrast, and Sharpness are the only three adjustments available.

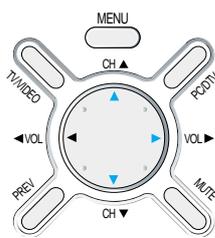


Displaying the Menu.

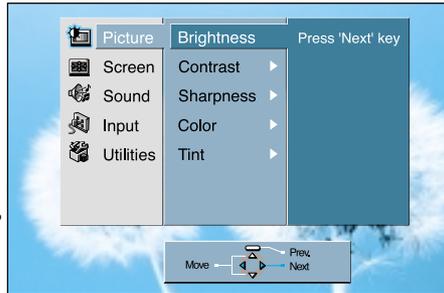
- Press the "menu" button
- The following menu will be displayed on the screen.



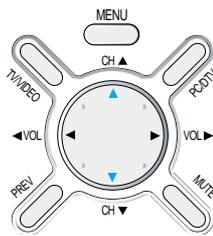
2 Viewing the Sub-Menu.



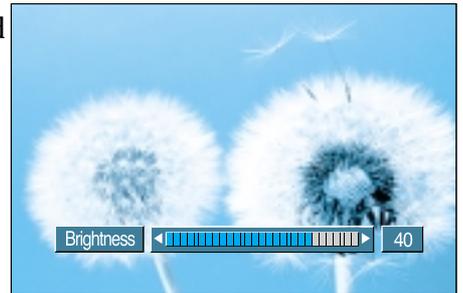
- Press the “CH(▲/▼)” buttons and select “picture”
- When “Vol▶” button is pressed, an extended menu window will appear.
- Select the sub-item to be adjusted with the “CH(▲/▼)” button once again.
- When “Vol▶” button is pressed, an gauge menu will be displayed on the screen.



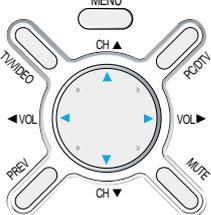
3 Making Adjustment.



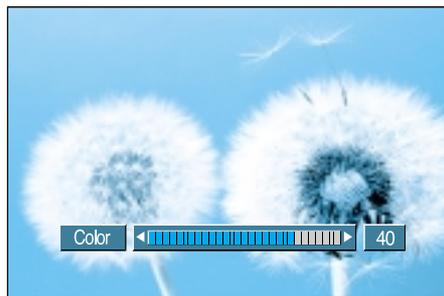
- Select the item to be adjusted pressing the “CH(▲/▼)” button.
- Each time the “CH(▲/▼)” button is pressed, the entry will be changed in the sequence of Brightness → Contrast → Sharpness → Color → Tint.



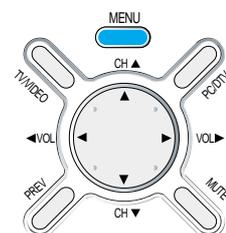
4 When Adjusting the Color.



- Select "Color" pressing the “CH(▲/▼)” buttons
- Adjust the "color" with “Vol◀/▶” buttons.
- You may adjust Brightness, Contrast, Sharpness, and Tint with the same method.



5 Exiting Picture Adjustment.



- Press the “Menu” button until the menu window disappears from the screen.

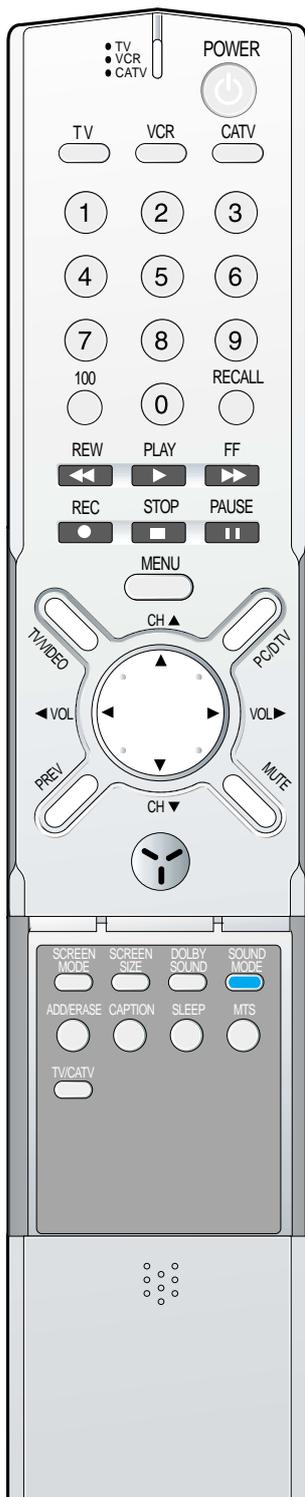


LCD PROJECTION – TV

Sound Adjustment

Adjusting the Sound Mode

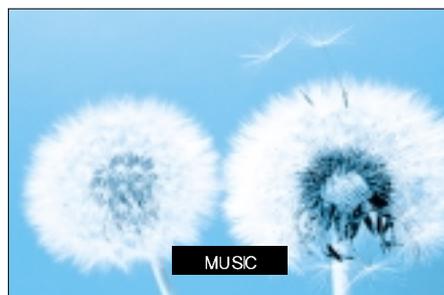
- You may select the sound mode already provided by the factory at your preference without going through the adjustments yourself.
- You may have this selection by pressing Menu → Sound → Mode.



Selecting Sound Mode.



- Open the remote controller's led and press the "Sound Mode" button.
- Each time you press the button, it will be changed in the sequence of "Normal" → "Music" → "Movie" → "News" → "User" mode.



※The Sound Mode cannot be adjusted when Dolby Pro Logic is selected.

- NORMAL**
 - Generally, it is good to hear all type of music
- MUSIC**
 - It provides the most harmonic sound with its bass and treble when listening to the music.
- MOVIE**
 - Sound effect is extremely rich, and gives you a real sensation when watching a movie.
- NEWS**
 - The speaker's voice is accentuated and it is moderate when watching news and documentary programs.
- USER**
 - you adjust the sound quality and customize it at your preference.

Using Equalizer

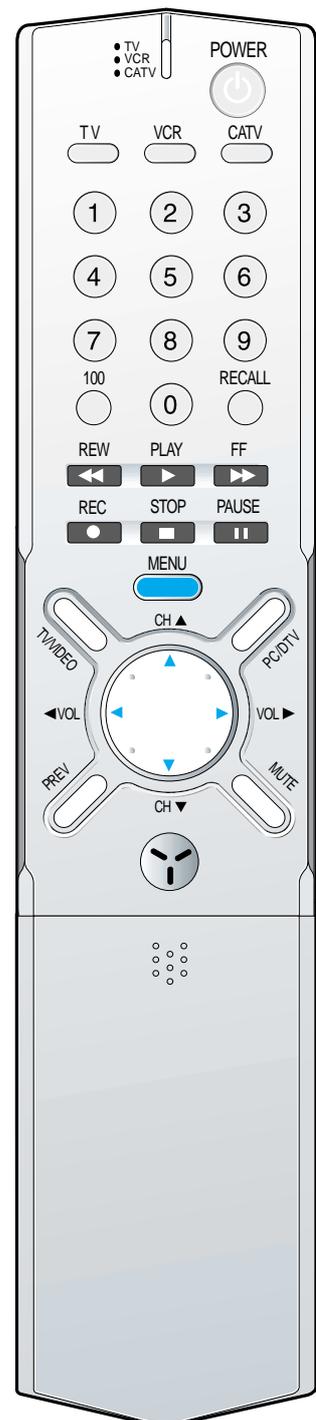
You may adjust the equalizer provided and enjoy the sound quality at your preference. Either high or low tone may be diversely adjusted as the way you want it.

WHAT IS AN EQUALIZER?

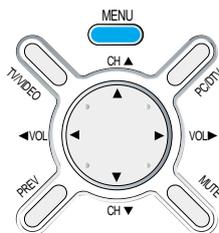
- This feature is a function that provides a range of sound adjustment used on the audio products.
- 120Hz, 500Hz - low-pitched tone
- 1 KHz, 5 KHz - moderate tone
- 10 KHz - high-pitched tone

WHEN THE EQUALIZER ADJUSTMENT DOES NOT OPERATE

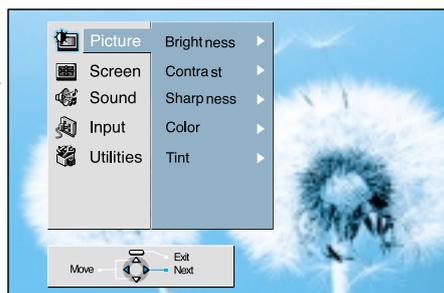
- The equalizer cannot be used for sound mode adjustment when the "Dolby Pro Logic" mode is on
- You may adjust the sound mode by first selecting "Dolby Off" with the "Dolby Sound" button on the remote controller.
- You may select this by pressing Menu → Sound → Pro Logic → Pro Logic Off.



1 Displaying the Menu.

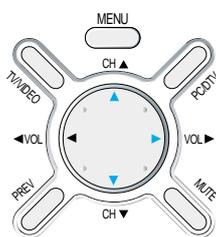


- Press the "menu" button.
- The following menu will be displayed on the screen

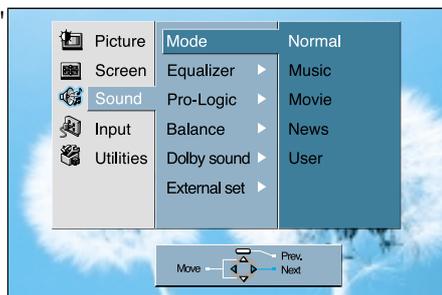


LCD PROJECTION – TV

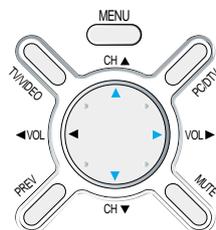
2 Making "Sound Adjustment"



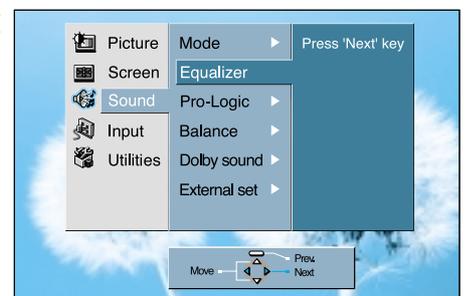
- Select "Sound Adjustment" pressing the "CH ▲/▼" button.
- When the "Vol ►" button is pressed, an extended menu will appear.



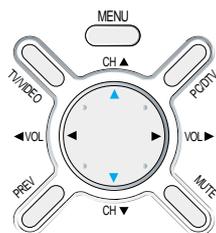
3 Using Equalizer



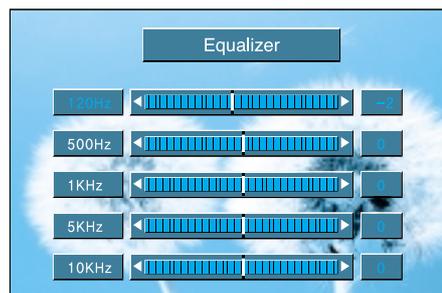
- Select "Equalizer" pressing the "CH ▲/▼" buttons.
- When the "Vol ►" button is pressed, an extended menu will appear.



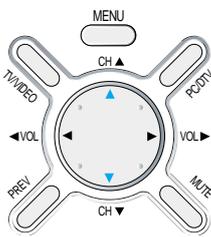
4 Viewing Sound Range.



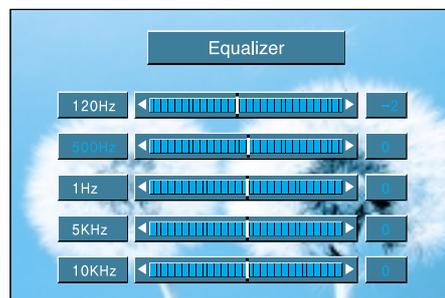
- Press the "Vol ►" button and select the sound range to be adjusted.
- Select the item to be adjusted pressing the "CH ▲/▼" buttons.



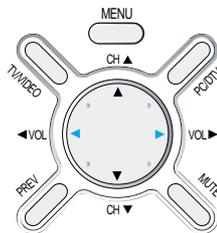
5 When Adjusting to "500Hz"



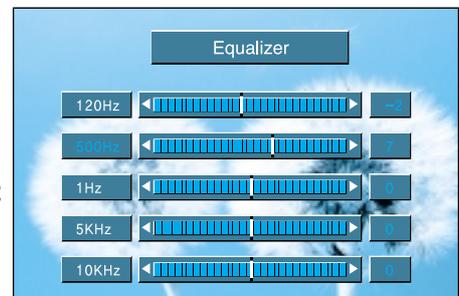
- Select "500Hz" pressing the "CH ▲/▼" buttons.



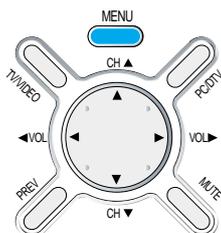
6 Adjusting Sound Range.



- Select the sound range using the "Vol ◀/ ▶" buttons.
- Adjust the sound range in the same method.
- The sound range of the equalizer adjustment is -32~32



7 Exiting Sound Adjustment.



- Press the "Menu" button until the menu window is disappeared from the screen.



LCD PROJECTION – TV

Dolby Sound

The original sound system has been improved, and you may hear three-dimensional, Dolby Pro Logic sound.

You may have this selection by pressing

<Menu>→<Sound>→<Pro-Logic>

Dolby Pro Logic is not supported when “Mono” mode is in use.

3–STEREO

- You may listen to surround sound with the YR speakers without connecting it with surround speakers.

WIDE

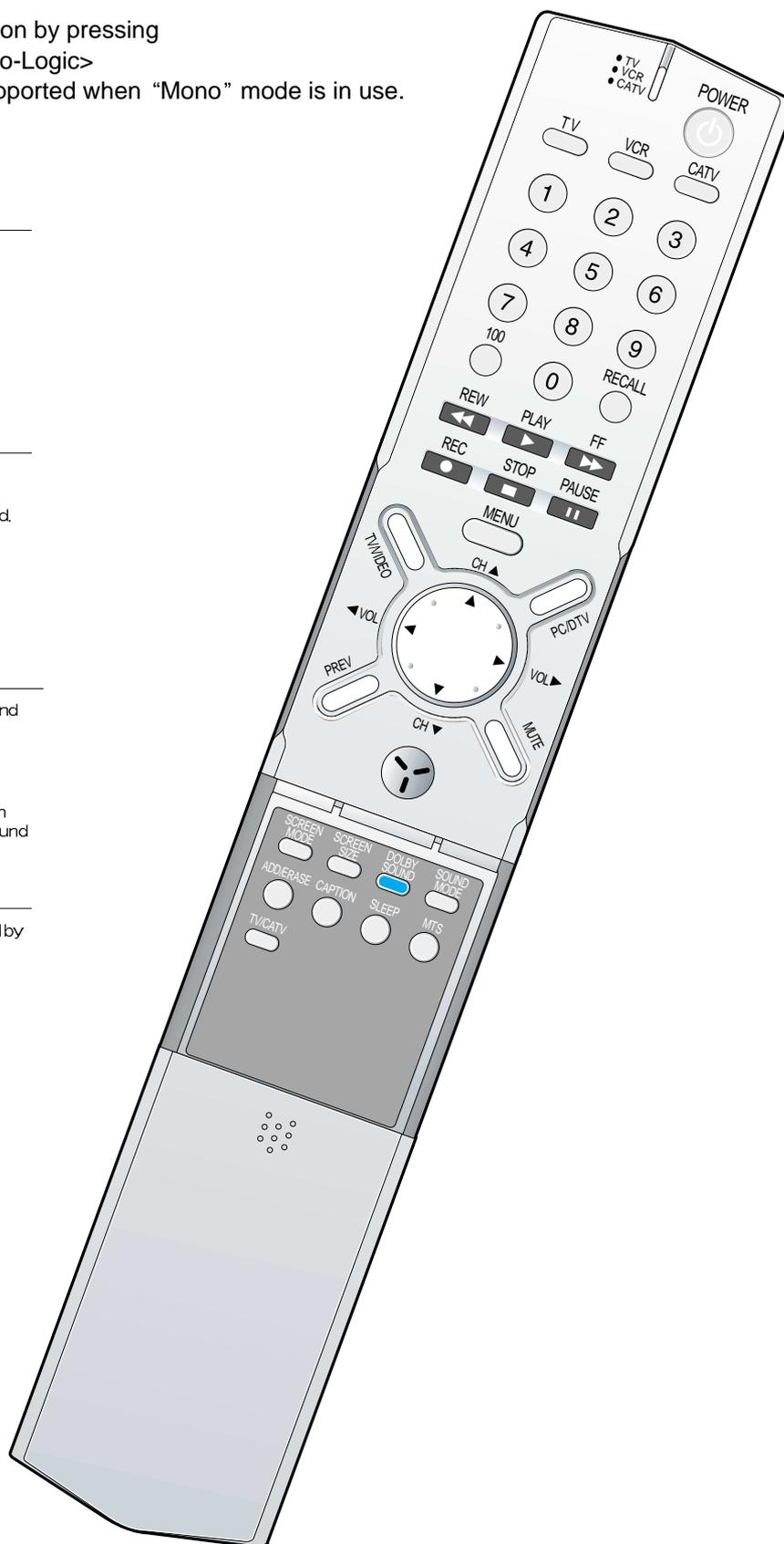
- It is the same state as normal, but bass is included in the center for a magnificent sound.

NORMAL

- You can enjoy the clearest, and the purest three dimensional Dolby sound through the YR speakers
- If you connect the surround speakers and woofer, you can enjoy the original Dolby surround sound.

DOLBY OFF

- It is the normal state when Dolby sound mode is off.

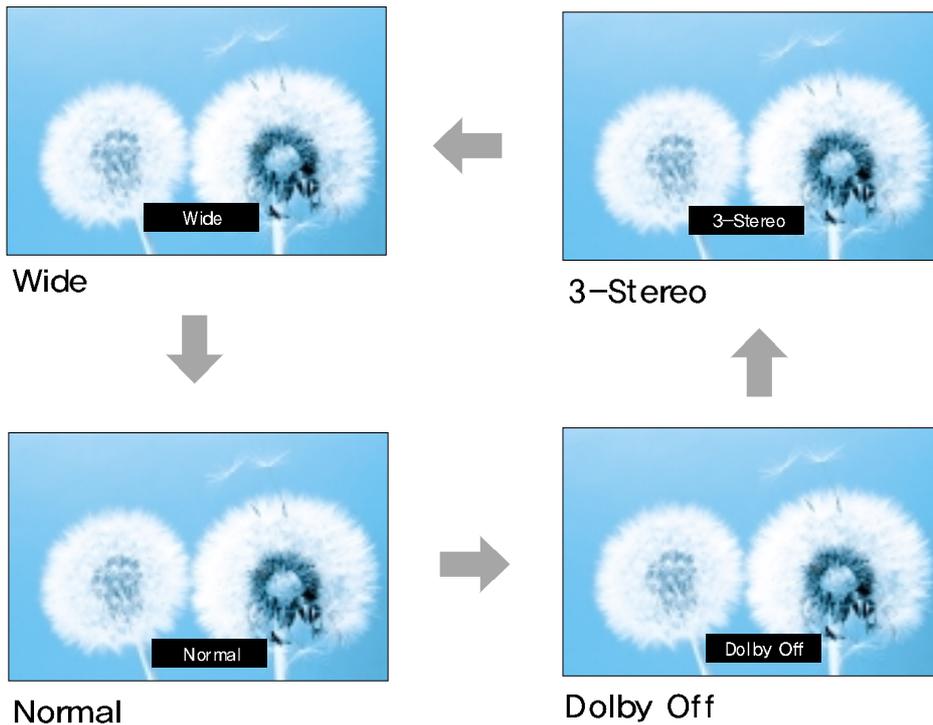


1

Choosing Dolby Pro Logic



- Open the remote controller's lid and press the "Dolby sound" button.
- Each time you press the button, it will be changed in the following sequence
- It may be adjusted by pressing Menu → Sound → Pro-Logic



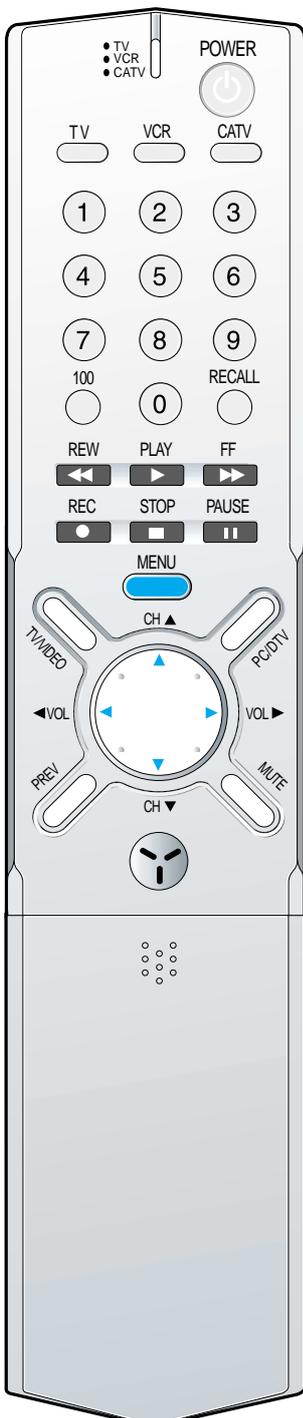
LCD PROJECTION – TV

Speaker Sound Adjustment

You may adjust the Speaker sound by pressing Menu → Sound → Dolby Sound(or Sound Balance)

※Dolby Pro Logic related sound adjustment cannot be done when the "Dolby Off" mode is on.

※Noise sequencer: When you select Menu → Sound → External set → Noise sequencer, you will hear "noise tone" in sequence from left to center to right to surround speakers.



BALANCE

• This function balances the sound of the left and right speakers

SURROUND BALANCE

• This function balances the sound between the SL and SR

CENTER VOLUME

• This function balances the Center Speakers' volume

SUB-WOOFER

• This function balances the sound of the external woofer volume

SURROUND VOLUME

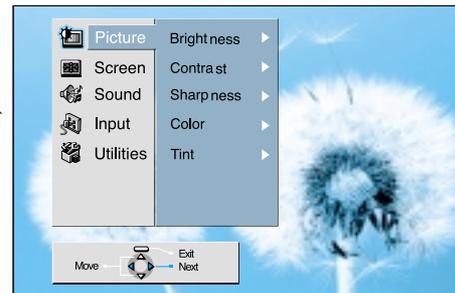
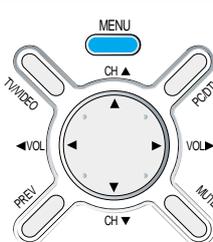
• This function balances the external surround speakers' volume.

HEADPHONE

• This function balances the headphone volume.

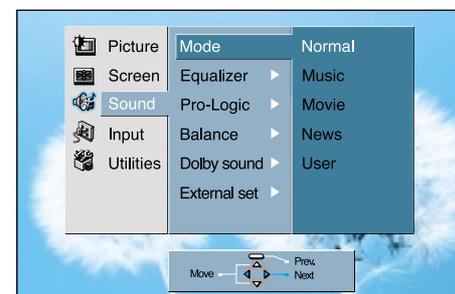
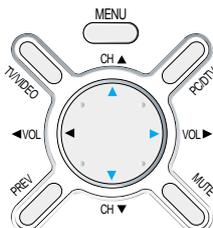
1 Displaying the Menu.

- Press the "Menu" button.
- The following screen will be displayed.

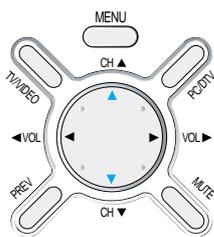


2 Choosing "Sound"

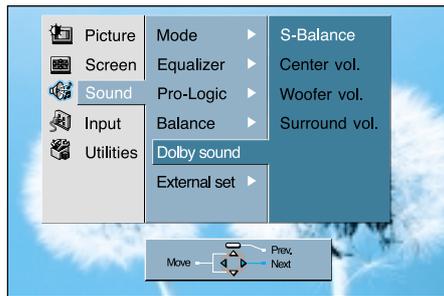
- Select "Sound" pressing the "CH(▲/▼)" buttons.
- When the "Vol▶" button is pressed, an extended menu will appear on the screen.



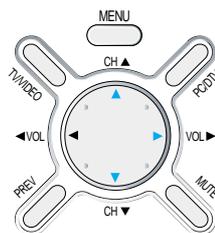
3 Choosing on Entry



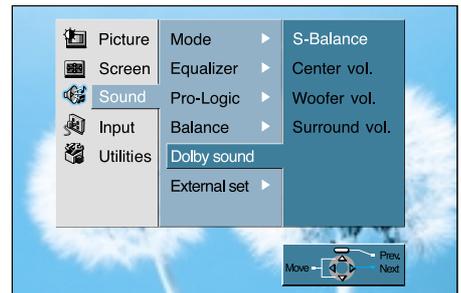
- Select the entry to adjust pressing the “Vol ◀/▶” buttons.



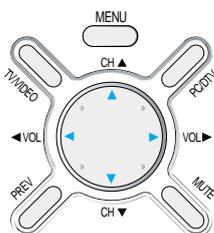
4 When adjusting the "Surround Balance"



- Select "S-Balance" pressing the “CH▲/▼” buttons.
- When the “Vol▶” button is pressed, an extended menu will appear on the screen.



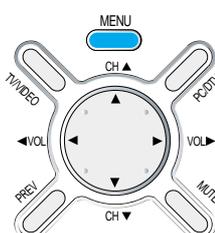
5 Making Adjustment.



- Adjust "S-Balance" pressing the “Vol ◀/▶” buttons..
- You may select and adjust the Balance, Sub-woofer volume, Surround Volume, and Center Volume, in the same method by pressing the “CH(▲/▼)” buttons.



6 Exiting Sound Adjustment.



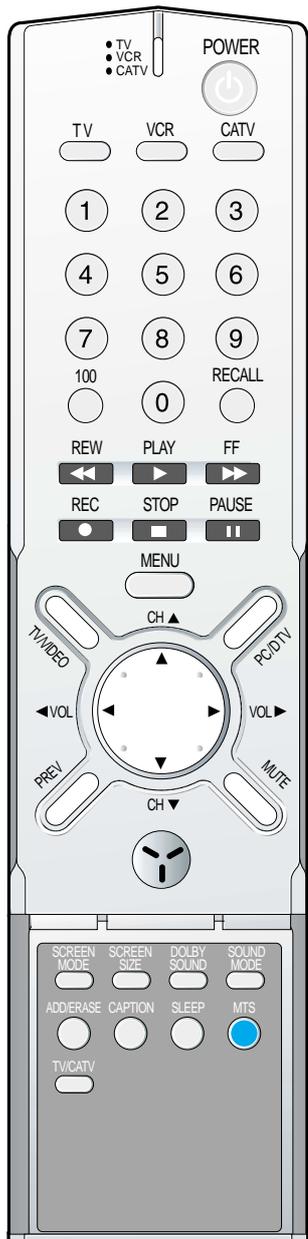
- Press the “Menu” button until the menu window disappears from the screen.



LCD PROJECTION – TV

Receiving Stereo or SAP Mode Programs

- When transmission signal is weak or broadcasting condition is not good, sound might be cut off temporarily.
- This type of malfunction is not caused by TV set. In this case, press "MTS" button and shift the mode into "Mono".
- The Second Audio Program (SAP) settings offers you the option of listening to either of two separate Audio programs, such as a second language broadcast.



1 Press the "MTS" button.



- Open the remote controller lid, and press the "MTS" button.
- When the broadcasting station had initially set-up a certain language, the unit will automatically detect the program as it is set-up.
- Each time you press the button, the menu will change in the following sequence Stereo → Mono → Sap

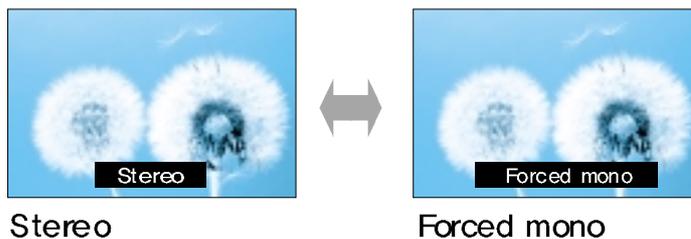


When Stereo Broadcasting is on

1 Press the "MTS" button



- When the program transmission is in stereo mode. select "stereo" to receive the stereo sound.
- Each time the button is pressed, the menu will change in the following sequence from Stereo → Forced Mono.



WHEN THE SOUND CUTS OFF MOMENTARILY

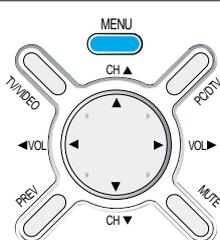
- When the reception signal is low, the broadcasting may be momentarily cut off and its sound quality may not be as good as when the receiving signals are strong. This does not mean the product is defective. In this case, press the "MTS" button, and change the sound mode to "Forced Mono".

Using the Memory Feature

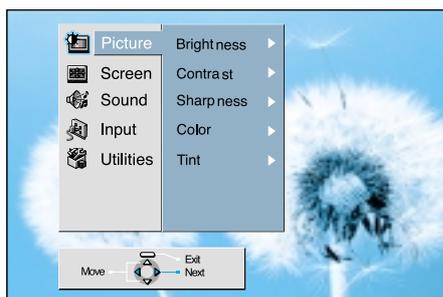
Time Setting

This feature makes the TV turn on automatically at a certain time that you set-up. You must set-up the current time before utilizing this memory feature.

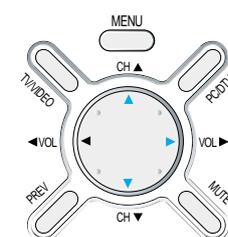
1 Displaying the Menu.



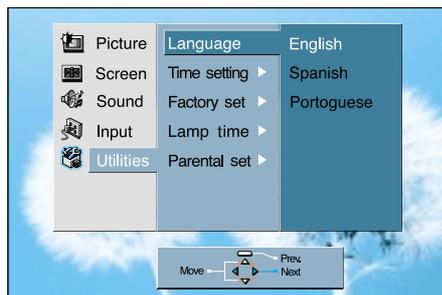
- Press the “menu” button
- The following menu will appear on the screen



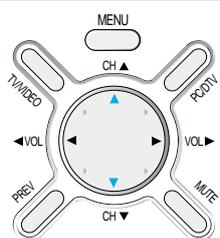
2 Viewing the Sub-Items.



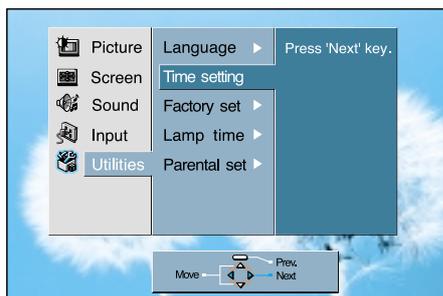
- Select "Utilities" using the “CH▲/▼” buttons
- When the “Vol▶” button is pressed, an extended menu will appear on the screen.



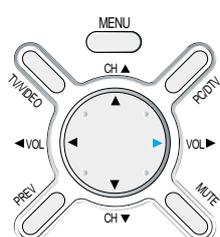
3 Choosing "Time Setting"



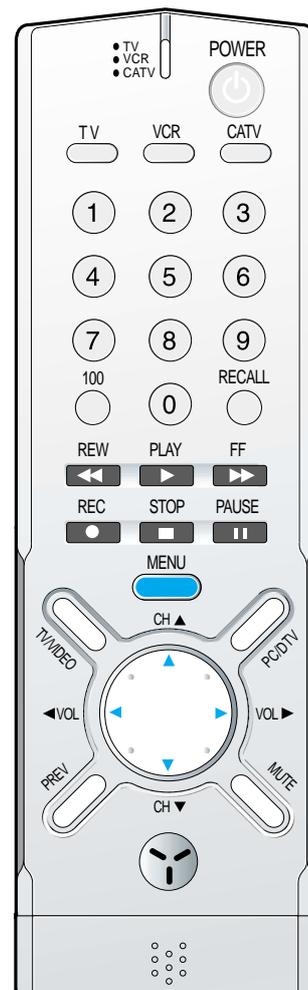
- Select "time setting" pressing the “CH▲/▼” buttons



4 Viewing Extended Menu



- When the “Vol▶” button is pressed, an extended menu will appear on the screen.



CHECKING ON/OFF TIME SET-UP

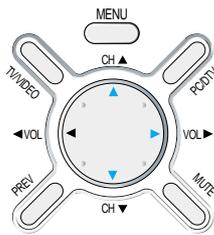
- When On/Off time is set-up, a red light will light up on the “timer” lamp.
- Either you set-up one of the above options, the “timer” lamp will still be on.

DO NOT TURN THE MAIN POWER OFF.

- “When you press down the main power button, then the current time will be automatically deleted. Consequently, the function On/Off will not operate even though you set up the time if the current time is unavailable.

LCD PROJECTION – TV

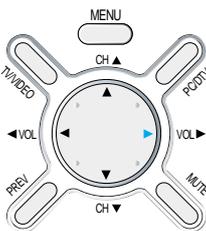
5 Selecting "Current Time"



- The word "Current Time" will turn into light blue. Press the "Vol ▶" button and select "hour". The word "hour" will turn into yellow. Press the "CH ▲/▼" buttons to adjust the time.
- Press the "Vol ▶" button and select "minute" as you have done above. The word "minute" will turn into yellow, and at this time, press the "CH ▲/▼" buttons and adjust the minutes.



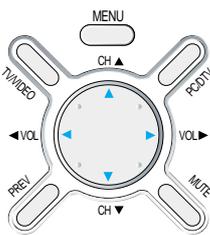
6 Choosing "on time" or "off time"



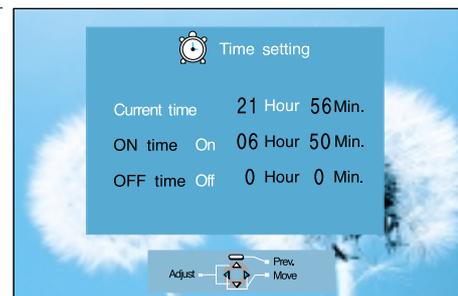
- You may select either "On time" or "Off time" pressing the "Vol ▶" button after you had set up the current time.
- When "On time" is selected, the word "On time" will turn into blue light.



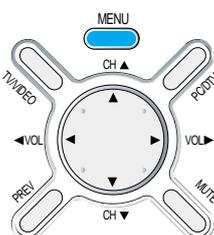
7 When Adjusting "On time"



- Use the "CH ▲/▼" buttons to select "Utilities"
- Press the "Vol ▶" button and select "hour" when the word "On time" is in light blue. The word "hour" will turn into yellow.
- When the "CH ▲" button is pressed, the number will increase; When the "CH ▼" button is pressed, the number will decrease.
- Use the same method to adjust the minutes.
- Use the same method to set -up "Off Time"
- If you want to turn the "On Time/Off Time" option off, use the "CH ▲/▼" button to change the set-up to "off"



8 Exiting time setting



- Press the menu button until the menu window disappears from the screen.
- The "Timer" lamp will light up red when the setting has been completed.



Setting "Sleep Timer"

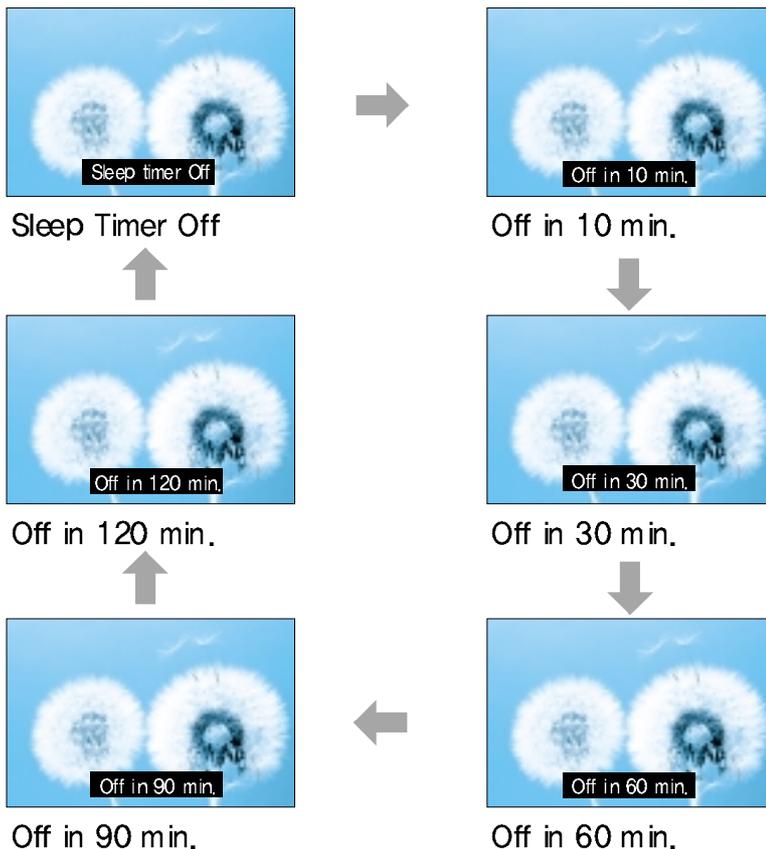
This feature permits the unit to turn off automatically after 10 to 120 minutes depending on the time you set-up.

1 Using Sleep Timer

SLEEP

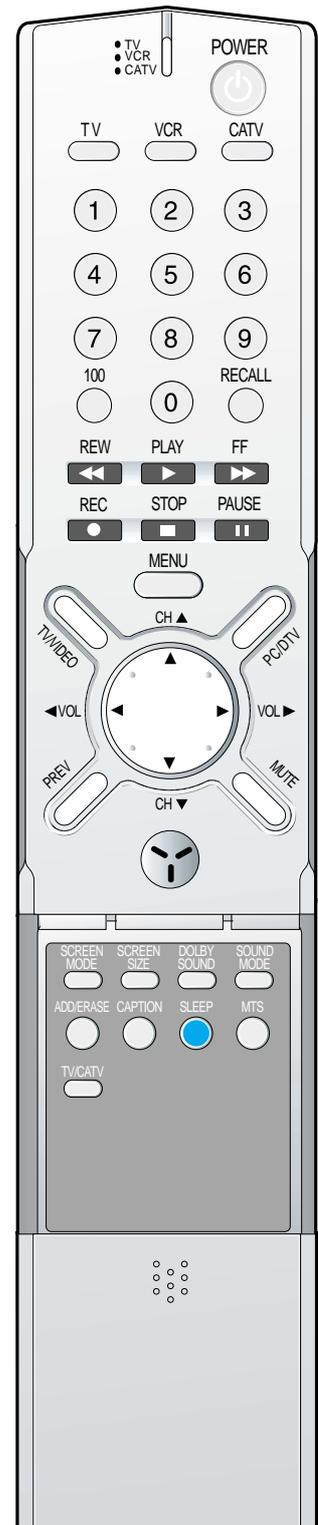


- Open the remote controller's lid, and press the "Sleep" button.
- Each time the "Sleep" button is pressed, the menu will change in the following sequence: "Sleep-timer off" → "Off in 10 min." → "Off in 30 min." → "Off in 60 min." → "Off in 90 min." → "Off in 120 min." repeatedly.
- Stop pressing the button at the time period that you want to set up.



※ PRESS THE "SLEEP" BUTTON TO VIEW THE TIME WHEN THE TV WILL BE TURNED OFF.

※ IT WILL AUTOMATICALLY DISPLAY THE TIME ON THE SCREEN 3 MINUTES BEFORE THE TV TURNS OFF. (HOWEVER, IT WILL NOT DISPLAY WHILE MAKING ANY OTHER ADJUSTMENT)



LCD PROJECTION – TV

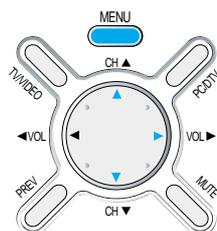
Adjusting to "Factory Set"

- Select Menu → Utilities → Factory Set

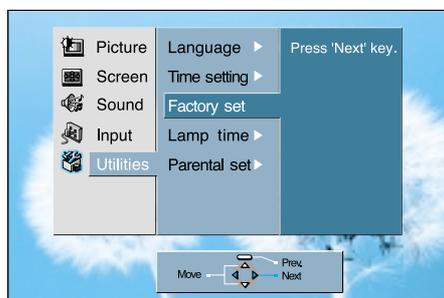


1

Adjusting to the Factory set



- You may enjoy the optimum picture and sound by selecting Menu → Utilities → Factory set.



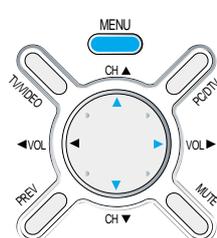
Checking "Lamp Time"

- Select Menu → Utilities → Lamp Time
You can view the accumulated lamp usage time.

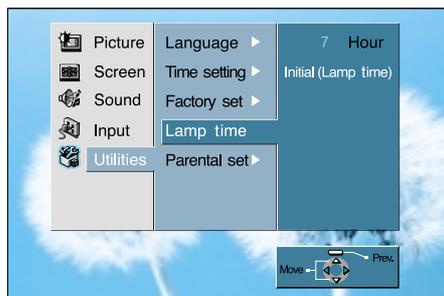


1

When Changing the Lamp



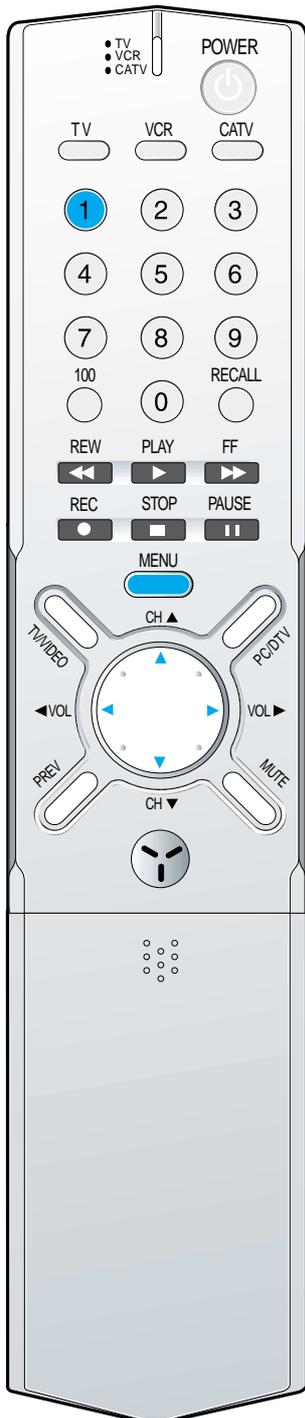
- You must reset "Initial(Lamp Time)" by selecting "Utilities" → "Lamp time" at the menu



※Do not reset the "Lamp Time" without exchanging the lamp with a new one.
If the "Lamp Time" is reset without the lamp actually changed, the accumulated time used will display 0 hour, and the actual time used cannot be viewed.

Setting up “Parental Set” Function

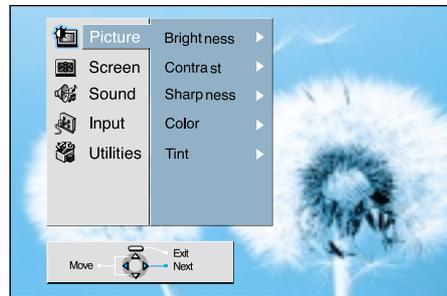
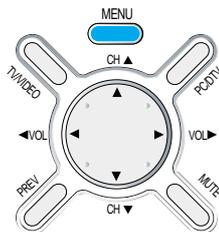
Users can lock channels by them with 4-digit codes. When “Child Lock” is set up, the channels locked are not available on the screen.



1

Displaying the “Menu”

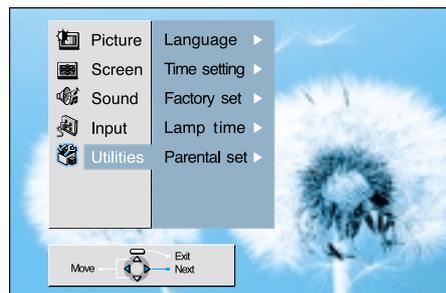
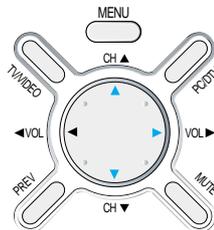
• The following screen will be displayed.



2

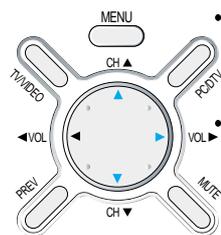
Selecting “Utilities”.

- Select "Utilities" by pressing the “CH▲/▼” buttons.
- When the “Vol▶” button is pressed, an extended menu window will appear.

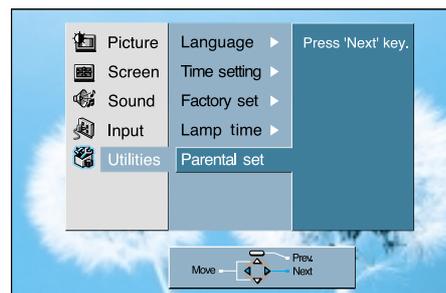


LCD PROJECTION – TV

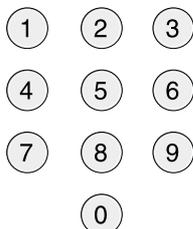
3 Selecting “Parental Set”



- Select "Parental Set" by pressing the "CH▲/▼" buttons.
- When the "Vol▶" button is pressed, an extended menu window will appear.



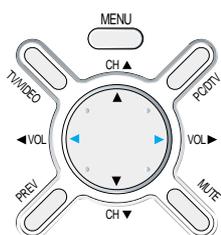
4 Entering Your Password.



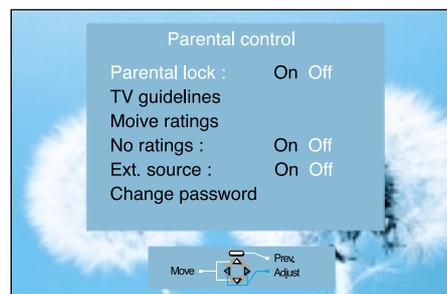
- Use the "Number" buttons(0~9) to enter your password. Note, if this is the first time using your "Parental Controller" menu, after entering your password, be certain to remember it, or keep a written copy stored appropriately as you would with any confidential info.



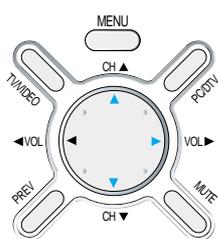
5 Select “Parental Lock”



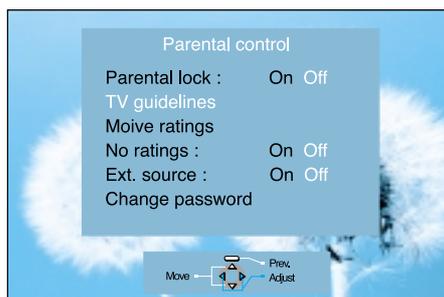
- The parental lock feature will be selected.
- Use the "Vol◀/▶" buttons to toggle "On" or "Off".



6 Selecting "TV Guidelines".

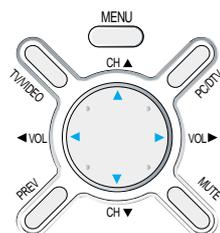


- Select "TV Guidelines" by pressing the "CH▲/▼" buttons.
- When the "Vol▶" button is pressed, an extended menu window will appear.

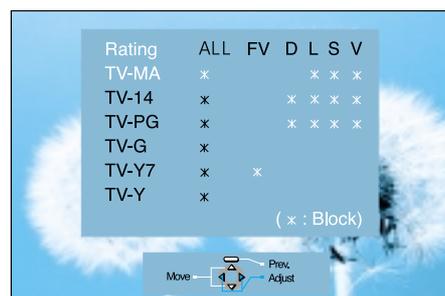


6-1

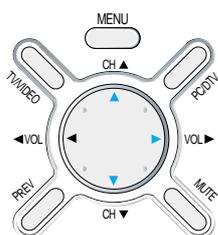
Adjusting "TV Guidelines".



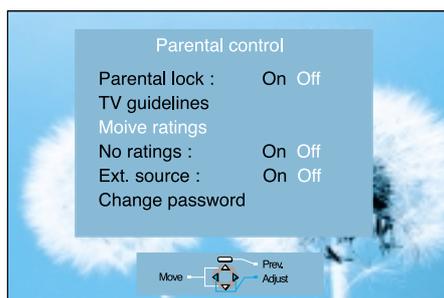
- The TV Guidelines set the standard for TV programs excluding sports and news.
- Adjust the TV Guidelines using the "CH▲/▼" buttons to select, "Vol◀/▶" buttons to adjust.
- You can set individual setting with "Vol◀/▶" buttons.



7 Selecting "Movie Ratings".

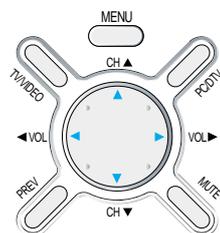


- Select "Movie Ratings" by pressing the "CH▲/▼" buttons
- When the "Vol▶" button is pressed, an extended menu window will appear.

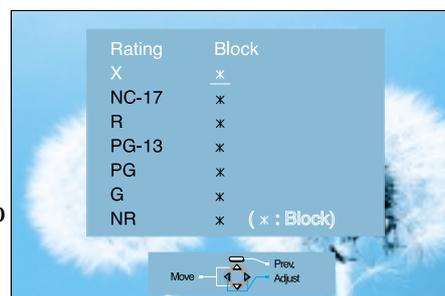


7-1

Adjusting "Movie Ratings".

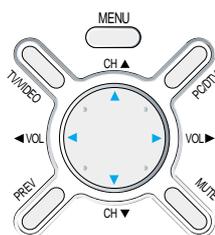


- The Movie Ratings set the standard for movie, video, and other media excluding TV programs.
- Use the "CH▲/▼" buttons to select and "Vol◀/▶" buttons to adjust.

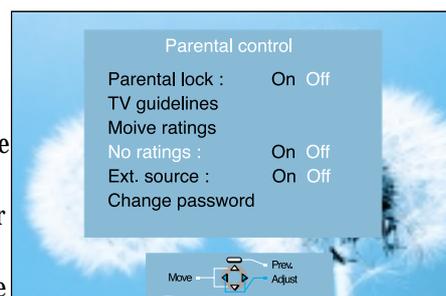


LCD PROJECTION – TV

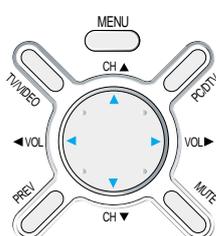
8 Select “No Rating”.



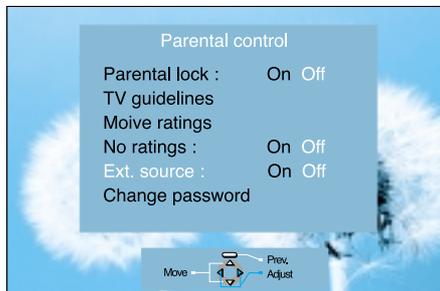
- Select “No Rating” by pressing the “CH▲/▼” buttons.
- The “Vol◀/▶” button to toggle “On” or “Off”.
- This item determines whether or not to block the programs which are not rated by “Movie Ratings” and “TV Guidelines”.



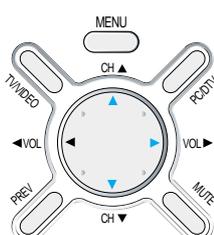
9 Select “Ext. Source”.



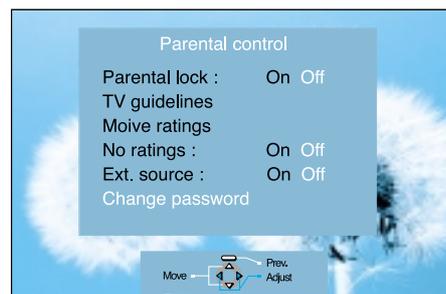
- Select “Ext. Source” by pressing the “CH▲/▼” buttons.
- The “Vol◀/▶” button to toggle “On” or “Off”.
- When the Ext. Source is selected “On”, Video1,2,3, S-VHS1,2,3, will be blocked.



10 Select “Change Password”.



- Select “Change Password” by pressing the “CH▲/▼” buttons.
- When the “Vol▶” button is pressed, an extended menu window will appear.



10-1

Enter the New Password.

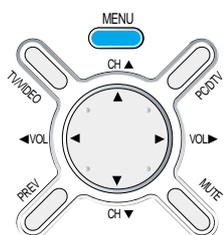
- ①
- ②
- ③
- ④
- ⑤
- ⑥
- ⑦
- ⑧
- ⑨
- ⑩

- The Set Password item let you change the password for entering Parental Controller items.
- You would better change the initial password “2211” Use “Vol ◀/ ▶” buttons to enter the password input display, and use the “number” buttons(0-9) to enter the new password. After you entered the new password, a confirmation display will appear.
- Type again the password.



11

Press the “Menu” button.



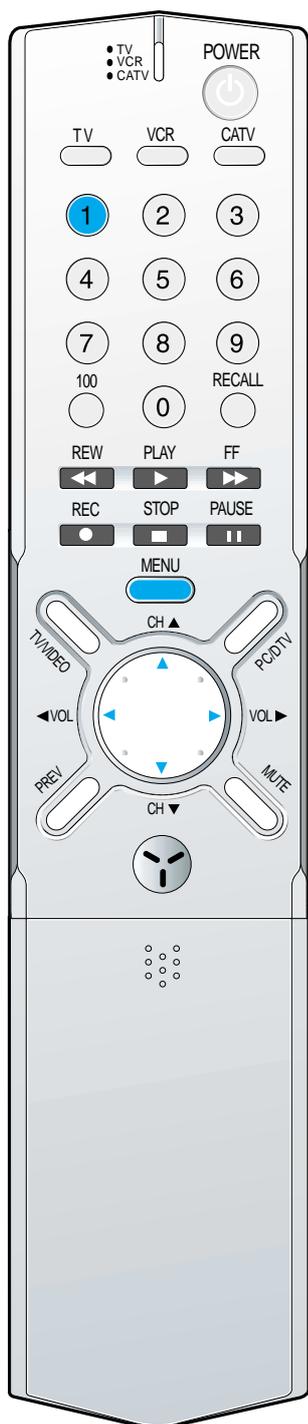
- Press the “Menu” button until the menu window disappears.



LCD PROJECTION – TV

Selecting the On-Screen Language

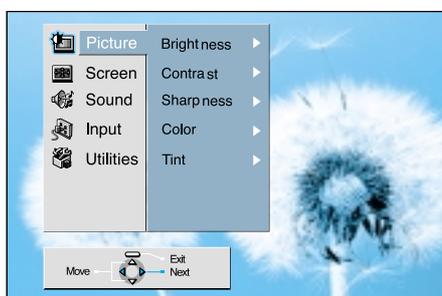
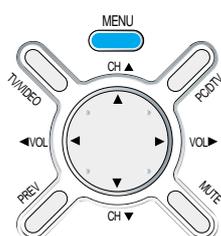
The language of the program on the screen can be changed to one of the following On-Screen languages: English, Spanish and Portuguese.



1

Press the “Menu” button

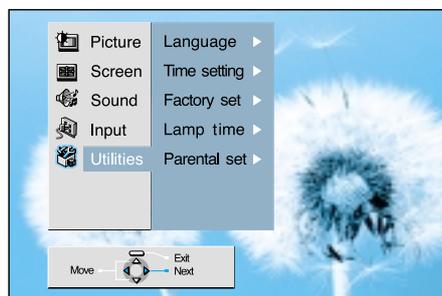
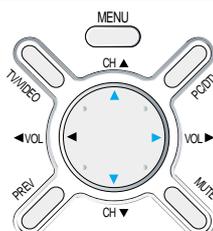
- The following screen will be displayed.



2

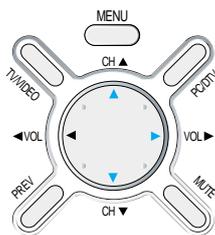
Select “Utilities” by pressing the Up/Down buttons.

- Select "Utilities" by pressing the “CH ▲/▼” buttons.
- When the “Vol ▶” button is pressed, an extended menu window will appear.

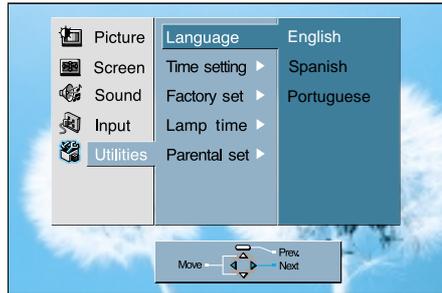


3

Select "Language"

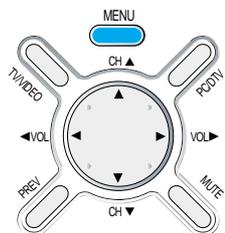


- Select "Language" by pressing the "CH ▲/▼" buttons.
- When the "Vol ▶" button is pressed, an extended menu window will appear.
- Select "On-Screen Language" you want to be displayed by pressing the "CH ▲/▼" and "Vol ▶" buttons.



4

Exiting On-Screen Language



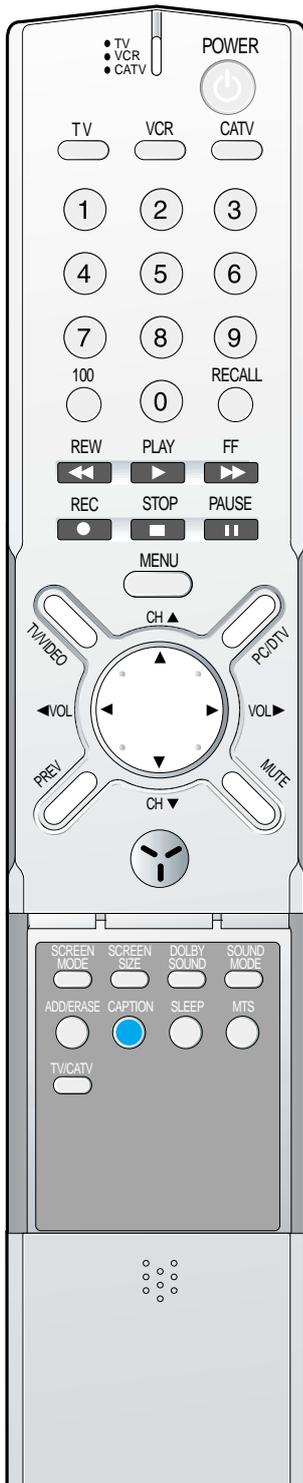
- press the "menu" button until the menu window disappears.



LCD PROJECTION – TV

Setting up "Caption" Function

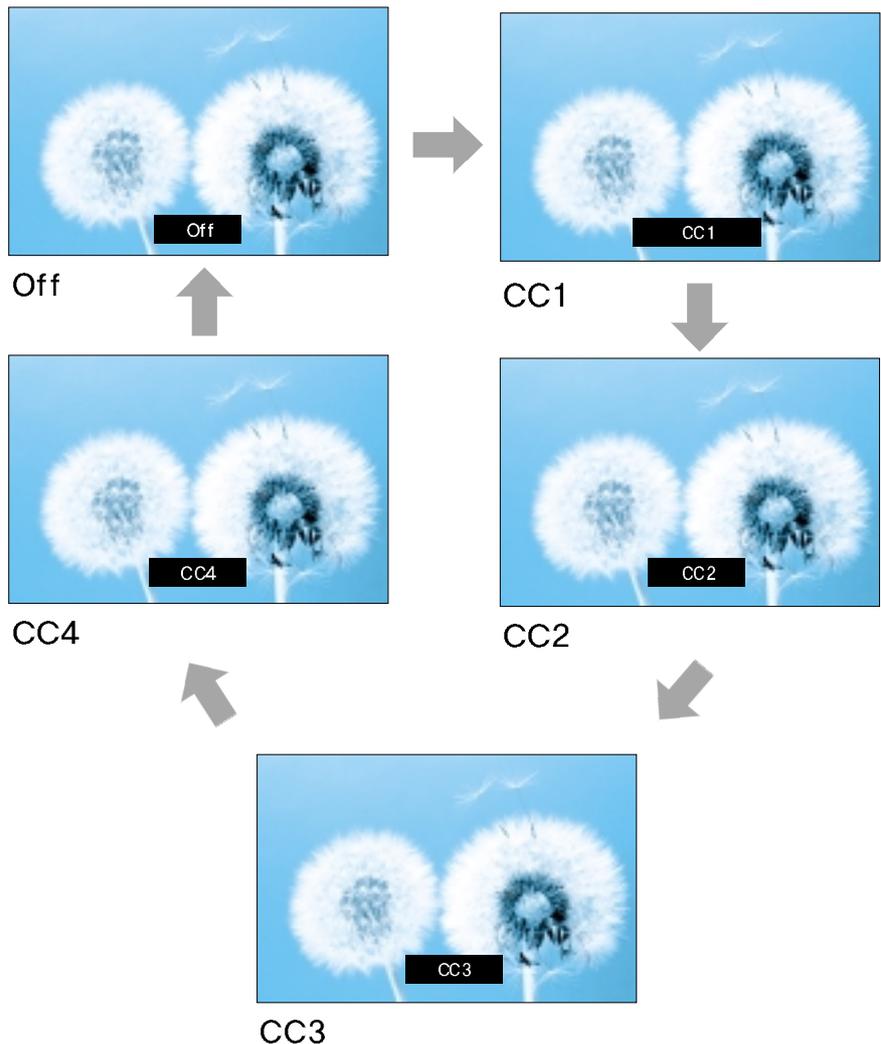
"Caption" is a display of words that can substitute for the audio of the TV. It provides narration plus a written version of dialogue and sound effects. "Text" is not usually related to the action on-screen, often providing information such as news or weather.



1 Open the remote controller and press the "Caption" button.



• Each time you press the "Caption" button, it will be changed as follows:



Troubleshootings

Symptoms and Solutions

Please check the following list prior to calling Deawoo Electronics Service Center for assistance

WHEN THE TV DOES NOT TURN ON



- Is the TV power cord plugged into the outlet correctly?
- Please check the power cord and connect it properly to the outlet.
- Press the main power button at the front controller panel.

WHEN THE VIDEO IS ON, BUT THE AUDIO IS OFF



- Has the "mute" button at the remote controller been pressed accidentally?
- Have you checked its volume?
- Press the "mute" button on the remote controller once more.
- Adjust the volume pressing the "right" button

WHEN THE AUDIO IS ON, BUT WHEN THE IMAGE IS NOT IN COLOR



- Have you checked the Color?
- Isn't the program itself broadcasting in black and white?
- Have you checked the antenna connection?
- Adjust the color pressing the "Vol ▲/▼" buttons as explained in page 43
- Check other broadcasting programs
- Check the antenna

WHEN THE IMAGE IS DOUBLED



- Is the antenna towards the right direction?
- Hasn't the Channel Fine Tuning been adjusted wrongfully?
- Turn the antenna towards where the broadcasting station is
- Press the Fine Tuning button and adjust the screen image

WHEN DOTTED OR WHITE LINES ARE ON



- Have you checked the antenna?
- Have you checked whether it has been interfered by vehicles or neon signs?
- Connect the antenna or change the antenna cable.

WHEN THE NET-LIKE LINES ARE ON



- Have you checked whether it has been interfered by any other receiving waves-such as radio?
- Avoid any subject that may interfere its proper operation

WHEN THE STEREO BROADCASTING IS NOT CLEAR



- This may happen when there is a bad reception due to interference or depending on the location of the broadcasting station.
- Press the "map" button and select "Forced Mono"

WHEN THE REMOTE CONTROLLER DOES NOT WORK



- Hasn't the remote controller receiving window be blocked or interfered by any object?
- Aren't the batteries on the remote controller low?
- Hasn't the remote controller mode set up in cable mode?
- Please clear away any object that may block the TV from receiving the remote controller signals.
- Press the "TV/Input" or "TV/CATV" button to change its current mode.

LCD PROJECTION – TV

Specifications

Model	DSJ-6000LN
Screen size	60"(diagonal), 16:9 Aspect ratio
Broadcasting	HDTV Ready NTSC System
Sound System	Dolby Pro Logic, R(10W), L(10W), Center(7W)
Power Requirement	AC 120V , 60Hz
Power Consumption	270W
Dimension(W/H/D)	1381 x 1420 x 567mm
Weight	85.5kg
Inputs/Outputs	Rear RF Antenna Input NTSC A/V In (S-Video/Video/L/R) 2each NTSC A/V Monitor Out (S-Video/Video/L/R) 1each HD Component In (Y/Pb/Pr/L/R) 1each DVD Component In (Y/Cb/Cr/L/R) 1each SPEAKER Output Terminal (SL/SR/Woofer) 1each Side NTSC A/V In (S-Video/Video/L/R) 1each Headphone (L/R) 1each PC In (15Pin D-Subjack/L/R) 1each

☞ Although the LCD panel uses highly precise technology, it may display blank pixels, dark spots or lighting pixels on the screen. This is normal and not an indication of a defect

Limited Warranty

Daewoo Electronics Corporation of America Inc. (also known as DECA) warrants this product to be free from defects in material and workmanship and agrees to remedy any such defect.

This warranty covers 1 year labor and 1 year parts from the date of original purchase.

This warranty applies only to product purchased from authorized DECA dealer and used within the boundaries of U.S.A.

This warranty does not apply to product that has been improperly installed, subjected to usage for which the product was not designed, misused or abused, damaged during transportation, or which has been altered or repaired in any way that affects the reliability or detracts from its performance.

How you get warranty service

Warranty service can only be provided by an authorized DECA service center. For the closest authorized service center to you, please contact your Dealer. In order to receive warranty service you must provide the authorized service center with a copy of proof of purchase, signifying the date of purchase and the name of the Dealer from whom you purchased the product.

Statutory warranties

The purchase may have rights under existing provincial or federal laws, and where any terms of this warranty are prohibited by such laws, they are deemed null and void, but the remainder of the warranty shall remain in effect.

If you require further assistance, please call:

1-800-DAEWOO-8