



# Panasonic®

## Operating Instructions LCD TV

Model No.

**TC-17LA2  
TC-17LA2D**



LCD TV shown above is model TC-17LA2.

**For assistance, please call : 1-800-211-PANA (7262)**  
or send e-mail to : [consumerproducts@panasonic.com](mailto:consumerproducts@panasonic.com)  
or visit us at [www.panasonic.com](http://www.panasonic.com) (U.S.A.)

**For assistance, please call : 787-750-4300**  
or visit us at [www.panasonic.com](http://www.panasonic.com) (Puerto Rico)

**For assistance, please call : 1-800-561-5505**  
or visit us at [www.panasonic.ca](http://www.panasonic.ca) (Canada)

Before connecting, operating or adjusting this product, please read these instructions completely.  
Please keep this manual for future reference.

**English**

**Español [Resumen]**

TQBC0838

# Important Safety Instructions




The lightning flash with arrow head within a triangle is intended to tell the user that parts inside the product are a risk of electric shock to persons.



The exclamation point within a triangle is intended to tell the user that important operating and servicing instructions are in the papers with the appliance.

- **Note to CATV System Installer:** This reminder is provided to direct the CATV system installer's attention to Article 820-40 of the NEC that 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.

## ■ Important Safety Instructions for LCD TV

- 1) Read these instructions. All the safety and operating instructions should be read before the appliance is operated.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water. For example: Avoid placing it near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc.
- 6) Clean only with dry cloth. Unplug this LCD TV from the wall outlet before cleaning. Do not use liquid or aerosol cleaners.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. Slots and openings in the cabinet and the back or bottom are provided for ventilation, and to ensure reliable operation of the LCD TV and to protect it from overheating. These openings must not be blocked or covered. There should be at least 10 cm of space from these openings. The openings should never be blocked by placing the LCD TV on a bed, sofa, rug or other similar surface. This LCD TV should not be placed in a built-in installation such as a bookcase unless proper ventilation is provided.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer. Otherwise it may cause hazards.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over. 
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time. This will prevent damage to the receiver due to lightning and power-line surges.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.  
Upon completion of any service or repairs to this LCD TV, ask the service technician to perform routine safety checks to determine that the television is in safe operating condition.
- 15) Operate only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home consult your television dealer or local power company.
- 16) Follow all warnings and instructions marked on the LCD TV.
- 17) Never push objects of any kind into this LCD TV through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the LCD TV.

# Important Safety Instructions

18) If an outside antenna is connected to the television equipment, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges. In the U.S. Selection 810-21 of the National Electrical Code 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.

19) 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.

20) Unplug this LCD TV from the wall outlet, and refer servicing to qualified service personnel under the following conditions:

- a. When the power cord or plug is damaged or frayed.
- b. If liquid has been spilled into the LCD TV.
- c. If the LCD TV has been exposed to rain or water.
- d. If the LCD TV does not operate normally by following the operating instructions.

Adjust only those controls that are covered by the operating instructions as improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the LCD TV to normal operation.

- e. If the LCD TV has been dropped or the cabinet has been damaged.
  - f. When the LCD TV exhibits a distinct change in performance - this indicates a need for service.
- 21) When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

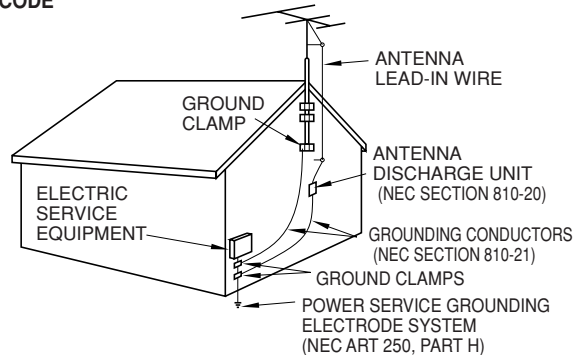
22) **WARNING : TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE. DO NOT PLACE LIQUID CONTAINERS (FLOWER VASES, CUPS, COSMETICS, ETC.) ABOVE THE SET. (INCLUDING ON SHELVES ABOVE, ETC.)**

23) **CAUTION : TO PREVENT ELECTRIC SHOCK DO NOT USE THIS PLUG WITH A RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.**

24) **CAUTION : USE WITH OTHER STAND MAY RESULT IN INSTABILITY CAUSING POSSIBLE INJURY.**

25) **CAUTION : DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE.**

## EXAMPLE OF ANTENNA GROUNDING AS PER (NEC) NATIONAL ELECTRICAL CODE



**NOTE:** ● This equipment is designed to operate in North America and other countries where the broadcasting system and AC house current is exactly the same as in North America.

- The marking or retained image on the LCD panel resulting from fixed image use is not an operating defect and as such is not covered by Warranty. This product is not designed to display fixed image patterns for extended periods of time.

### ■ Important Information Regarding Use of Video Games, Computers, Captions or Other Fixed Image Displays.

The extended use of fixed image program material can cause a permanent "shadow image" on the LCD panel. This background image is viewable on normal programs in the form of a stationary fixed image. This type of irreversible LCD panel deterioration can be limited by observing the following steps:

- A. Reduce the brightness/contrast setting to a minimum viewing level.
- B. Do not display the fixed image for extended periods of time.
- C. Turn the power off when not in actual use.

■ This product utilizes tin-lead solder, and has a fluorescent lamp containing a small amount of mercury. Disposal of these materials may be regulated in your community due to environmental considerations. For disposal or recycling information please contact your local authorities, or the Electronics Industries Alliance: [www.eiae.org](http://www.eiae.org).

# Dear Panasonic Customer

*Welcome to the Panasonic family of customers.*

*We hope that you will have many years of enjoyment from your new LCD TV.*

*To obtain maximum benefit from your set, please read these instructions before making any adjustments, and retain them for future reference.*

*Retain your purchase receipt, and record the model number and serial number of your set in the space provided on the rear cover of these instructions.*

<b>For assistance, please call : 1-800-211-PANA (7262)</b> <b>or send e-mail to : <a href="mailto:consumerproducts@panasonic.com">consumerproducts@panasonic.com</a></b> <b>or visit us at <a href="http://www.panasonic.com">www.panasonic.com</a></b> (U.S.A.)
<b>For assistance, please call : 787-750-4300</b> <b>or visit us at <a href="http://www.panasonic.com">www.panasonic.com</a></b> (Puerto Rico)
<b>For assistance, please call : 1-800-561-5505</b> <b>or visit us at <a href="http://www.panasonic.ca">www.panasonic.ca</a></b> (Canada)

Federal Communication Commission Information

This equipment has been tested and found to comply with the limits for a TV Broadcast Receiver, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. If this equipment does cause or receive interference, which can be determined by turning equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the TV antenna.
- Increase the separation between TV and other equipment.
- Connect TV into separate outlet from other equipment.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.



The ENERGY STAR® label, a symbol for energy efficiency, was created by the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy (DOE) to help customers identify products that can save them money and protect the environment by saving energy. ENERGY STAR® compliant products generally consume less energy than similar standard products.

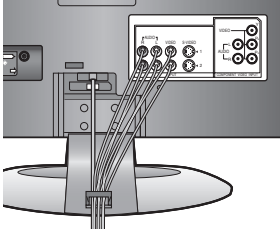






# Connecting Other Equipment

To bundle the cables with the clumper [TC-17LA2]



1. Pull upward.

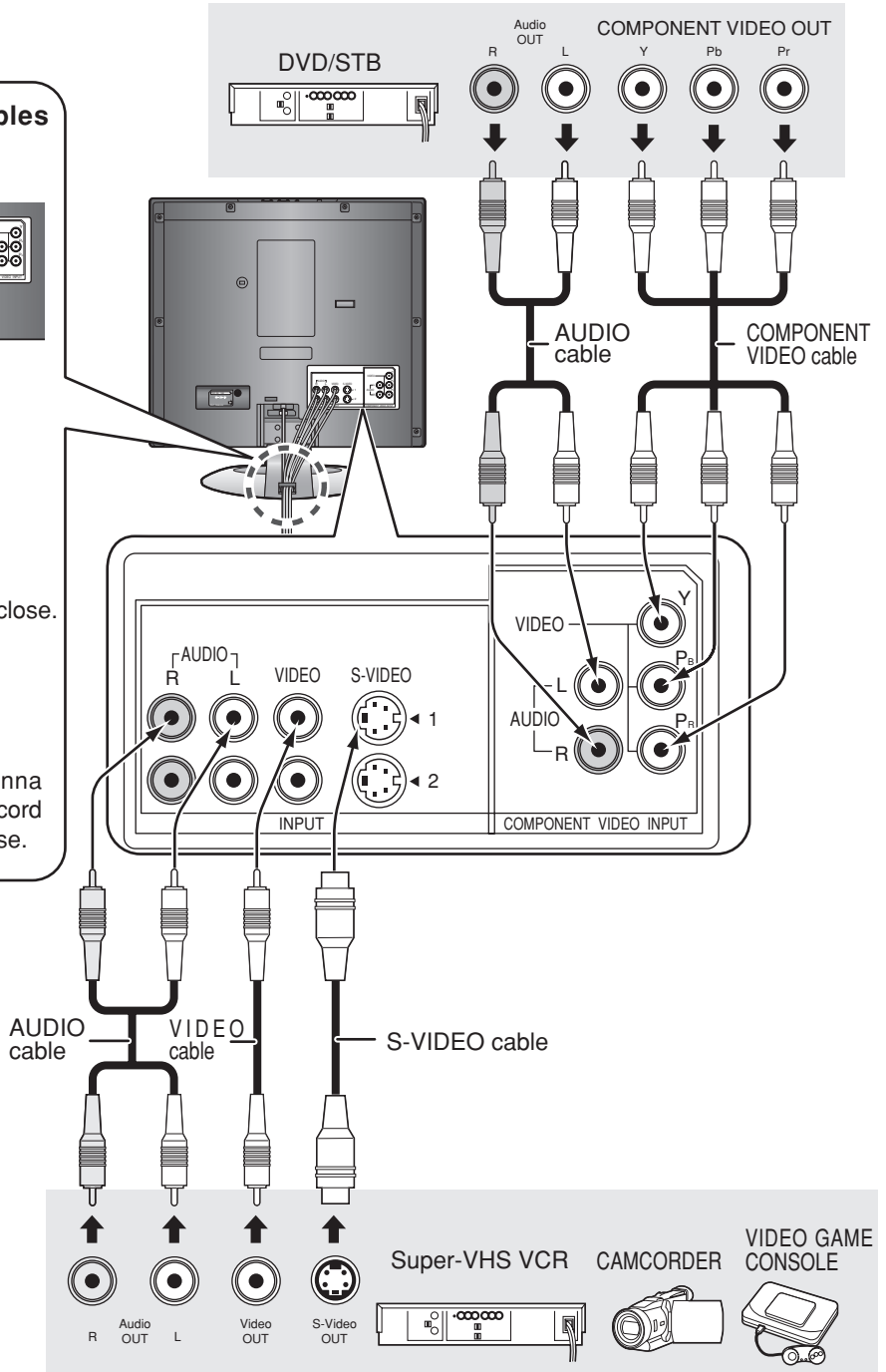


2. Put the cables and close.



**Note:**

- Do not put the antenna cable and the power cord together to avoid noise.

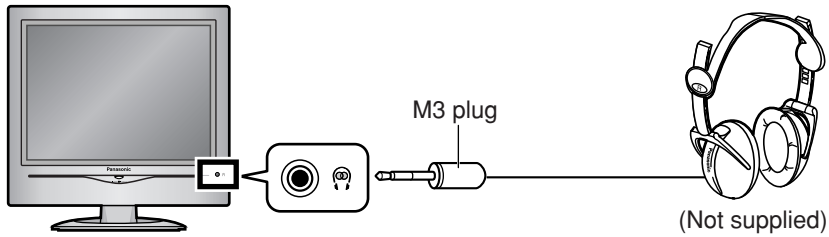


**Notes:**

- Only 480i and 480p are available through the component input terminals.
- When connecting video cables, priority is given to the S-Video cable when both the S-VIDEO input terminal and the VIDEO input terminal are connected.
- With a monaural VCR, connect the monaural audio cable to the AUDIO-L terminal.
- Please make inquiries to video game manufacturers concerning component cables to connect with video game console.



# Connecting Headphones / Earphones



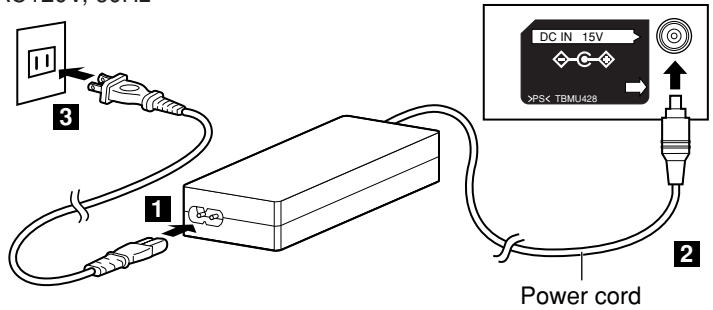
## Power ON / OFF

Connecting the plug to the wall outlet.

**Notes:**

- The TV and AC adaptor will still consume some power as long as the AC cord is still inserted into the wall outlet.
- Be sure to use the AC cord and AC adaptor included in the accessories.
- Usage of AC adaptors other than specified may cause malfunctions.

AC120V, 60Hz



Main Power switch

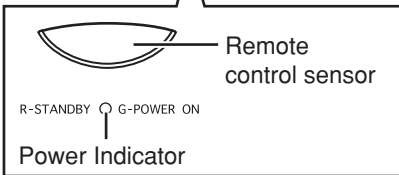


**On the main unit**

- **POWER** Press to turn the TV's main power on/off.
- **Power indicator**
  - Main power ON : Green
  - Main power OFF : No light

The screen below is displayed for a few moments when the TV is turned on.

e.g.

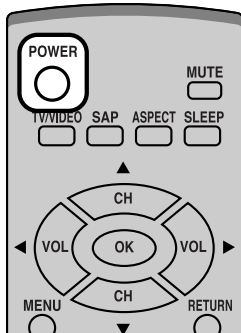


**On the remote control**

- **POWER** Press to turn the TV on/off.
- **Power indicator**
  - Power ON : Green
  - Power OFF (Standby) : Red
- This does not work when the main power is off (No light) (see above).

**Note:**

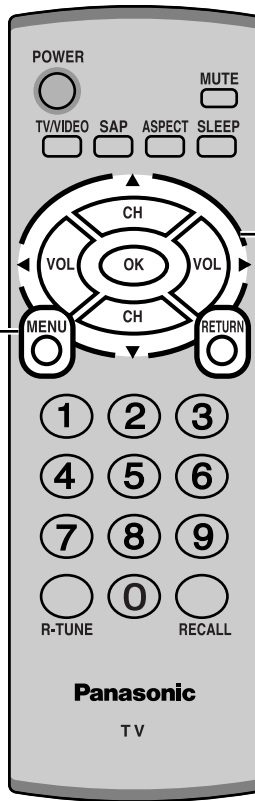
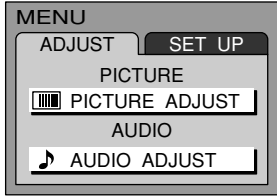
Select the menu language before operating the TV (see page 11, LANGUAGE).



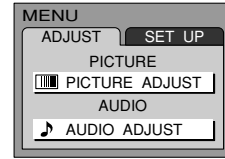
# Menu Operations

**1**

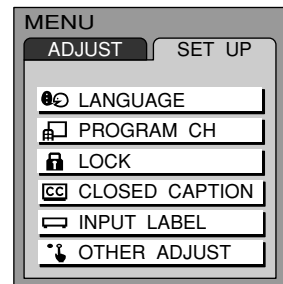
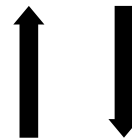
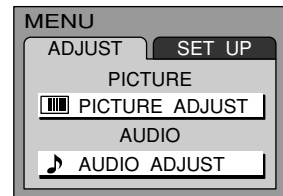
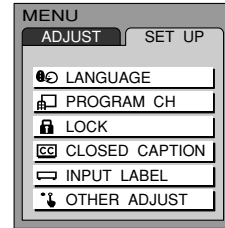
Press to display MENU screen.



**2**

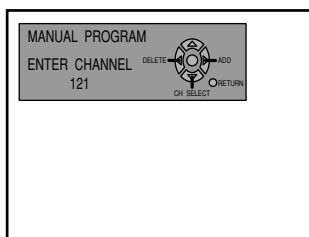


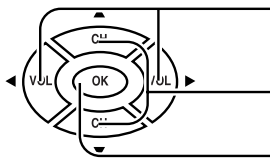
or



## ON SCREEN HELP 'Instruction' box

An On Screen Help box is displayed when a menu is displayed on the TV. This Help box indicates which keys on the remote control are used to navigate the menu shown.





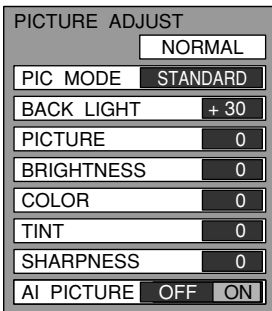
Press to select the MENU screen (ADJUST or SET UP).

Press to select the sub-menu feature.

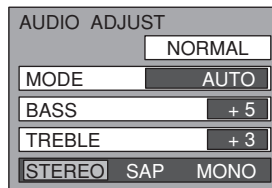
Press to display the sub-menu screen.

● To return to the previous screen :  RETURN

● To exit the MENU screen:  MENU This returns to the normal viewing.



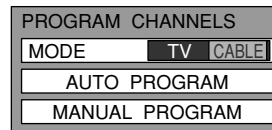
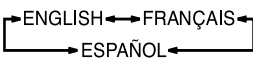
(See page 20)



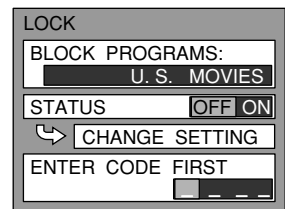
(See page 21)



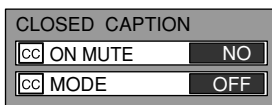
Select the menu language.



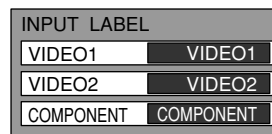
(See page 13)



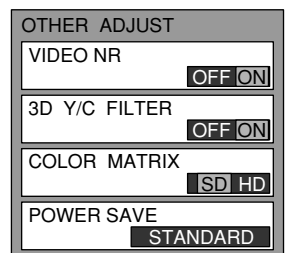
(See page 14 - 17)



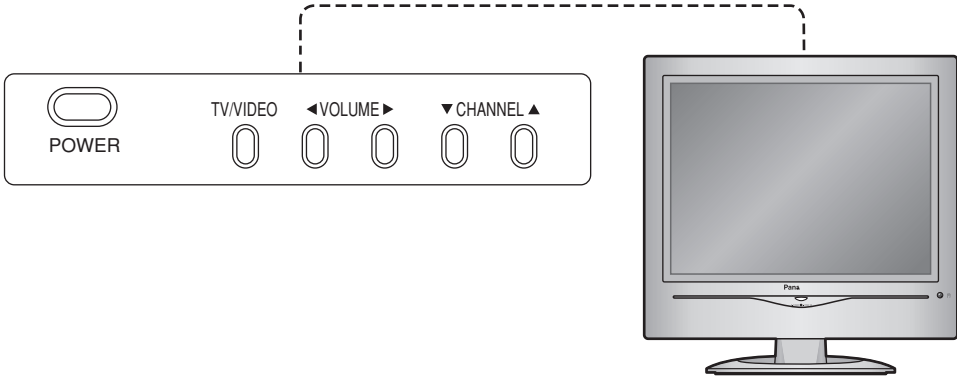
(See page 18)



(See page 19)



(See page 19)



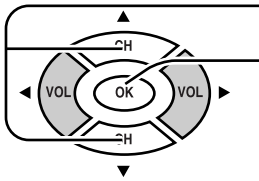


• Repeat steps 5 and 6 for other channels.

# LOCK

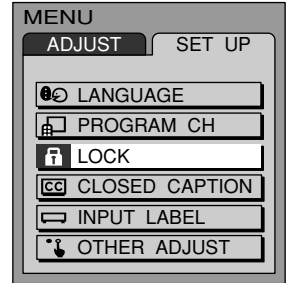
V-Chip technology allows parents to use the TV rating codes to block programs that they feel are inappropriate for their children to watch.

**1** Press the MENU button to display the MENU screen and select SET UP.



Press to select LOCK.

Press to display the LOCK screen.



**2**



Input 4-digit code.

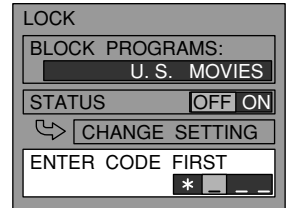
• To clear the numbers while entering the code, press Up or Down .

• You will need the code to enter the LOCK menu.

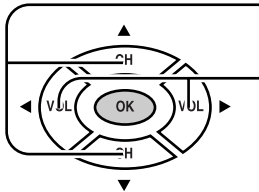
• After entering your password for the first time, ENTER CODE FIRST will change to CHANGE CODE.

**Note:**

Use a code that is easy to remember and record it in a safe place.

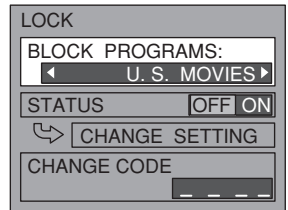


**3**

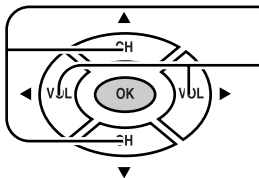


Press to select BLOCK PROGRAMS.

Press to select U.S. MOVIES, U.S. TV PROGRAMS, CANADIAN ENGLISH or CANADIAN FRENCH.



**4**

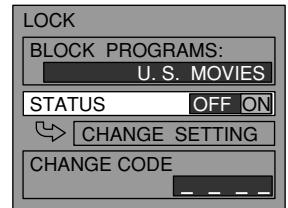


Press to select STATUS.

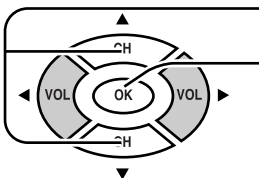
Press to select ON or OFF.

OFF : Can view all programs.

ON : Cannot view programs locked in CHANGE SETTING.

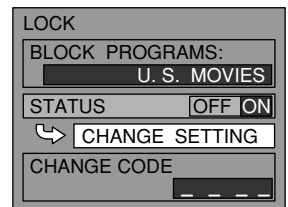


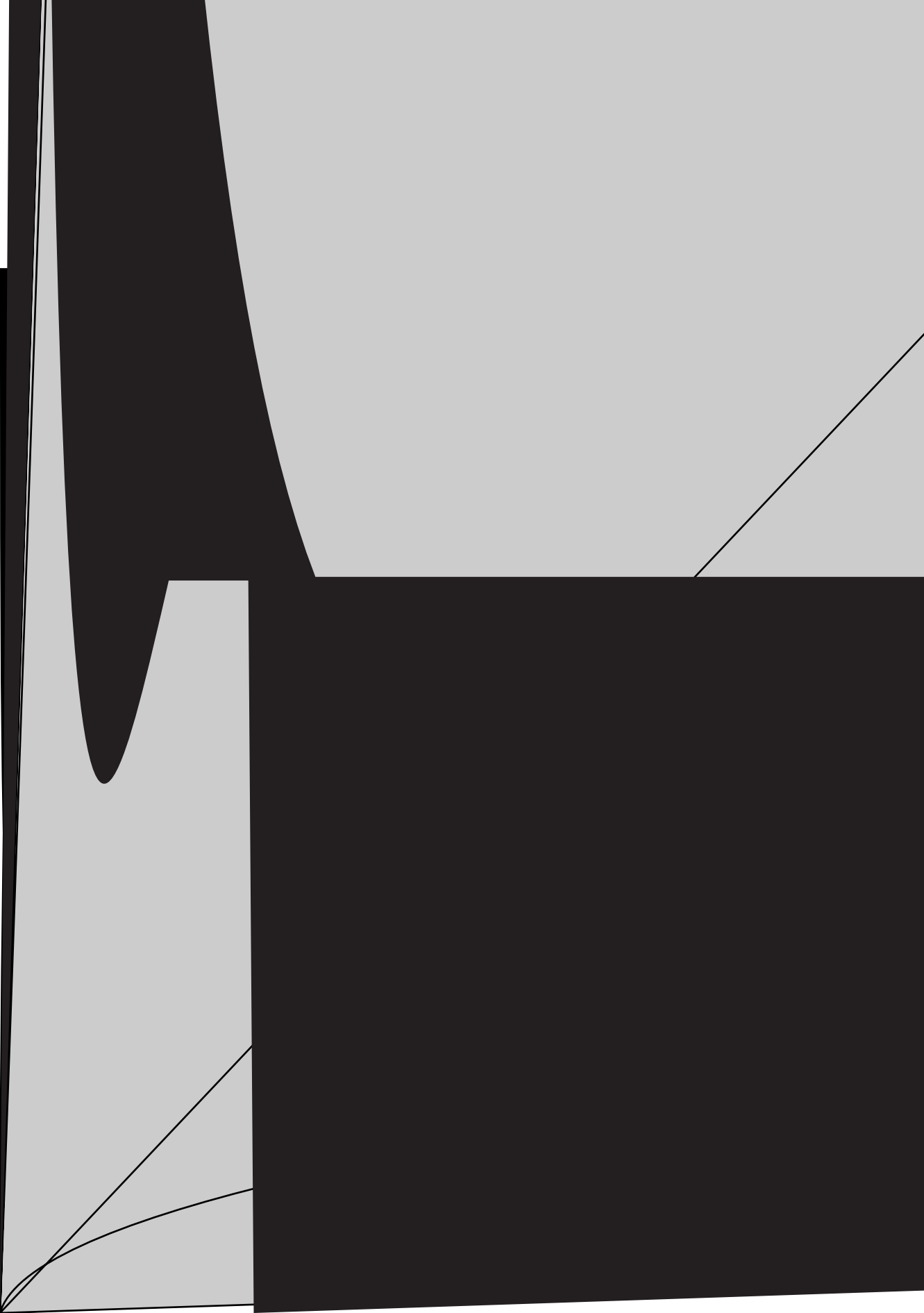
**5**



Press to select CHANGE SETTING.

Press to enter the next menu.

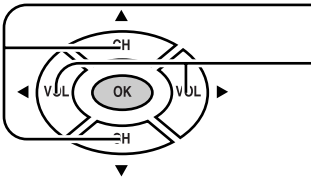




## U.S. MOVIES

This TV features the “V-Chip technology” which allows you to use Motion Picture Ratings when viewing movies or video tapes. This innovation allows parents to block various types of movies and video tapes at their discretion.

**6**



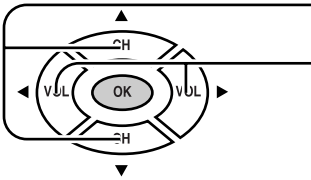
Press to select VIEW NR PROGRAMS?.

Press to select NO or YES.

NO : Cannot view programs with NR signals.

YES : Can view programs with NR signals.

**7**

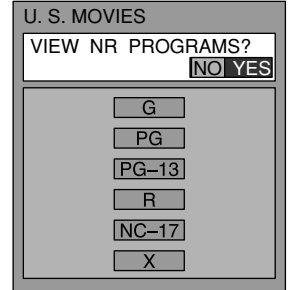


Press to select the rating.

Press to lock or unlock the rating.

Lock : Red

Unlock: Green

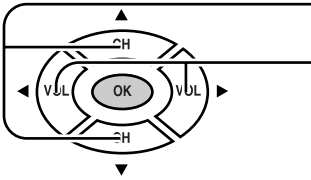


<b>NR</b>	CONTAINS NO RATING (NOT RATED) AND NA (NOT APPLICABLE) PROGRAMS. Movie has not been rated or rating does not apply.
<b>G</b>	GENERAL AUDIENCES. All ages admitted.
<b>PG</b>	PARENTAL GUIDANCE SUGGESTED. Some material may not be suitable for children.
<b>PG-13</b>	PARENTS STRONGLY CAUTIONED. Some material may be inappropriate for children under 13.
<b>R</b>	RESTRICTED. Under 17 requires accompanying parent or adult guardian.
<b>NC-17</b>	NO ONE 17 AND UNDER ADMITTED.
<b>X</b>	ADULTS ONLY.

## CANADIAN ENGLISH / CANADIAN FRENCH

The V-CHIP used in this TV allows you to block various types of movies and television programs based on the two rating systems used in Canada. It also lets you block or unblock Canadian French programs according to various ratings categories.

**6**

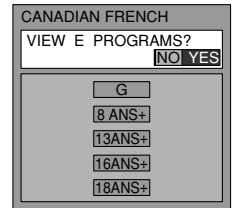
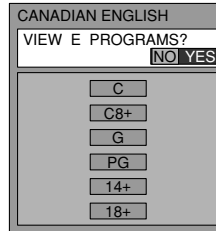


Press to select VIEW E PROGRAMS?.

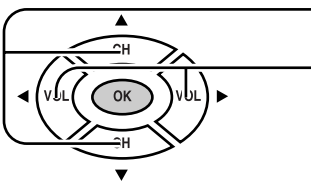
Press to select NO or YES.

NO : Cannot view programs with E signals.

YES : Can view programs with E signals.



**7**



Press to select the rating.

Press to lock or unlock the rating.

Lock : Red

Unlock: Green



**CANADIAN ENGLISH RATINGS CHART**

<b>E</b>	Exempt - Exempt programming includes: news, sports, documentaries and other information programming, talk shows, music videos, and variety programming.
<b>C</b>	Programming intended for children under age 8. No offensive language, nudity or sexual content.
<b>C8+</b>	Programming generally considered acceptable for children 8 years and over. No profanity, nudity or sexual content.
<b>G</b>	General programming, suitable for all audiences.
<b>PG</b>	Parental Guidance suggested. Some material may not be suitable for children.
<b>14+</b>	Programming contains themes or content which may not be suitable for viewers under the age of 14. Parents are strongly cautioned to exercise discretion in permitting viewing by pre-teens and early teens.
<b>18+</b>	18+ years old. Programming restricted to adults. Contains constant violence or scenes of extreme violence.

**CANADIAN FRENCH RATINGS CHART**

<b>E</b>	Exempt - Exempt programming.
<b>G</b>	General - Programming intended for audience of all ages. Contains no violence, or the violence content is minimal or is depicted appropriately.
<b>8 ANS+</b>	8+ General - Not recommended for young children. Programming intended for a broad audience but contains light or occasional violence. Adult supervision recommended.
<b>13ANS+</b>	Programming may not be suitable for children under the age of 13 - Contains either a few violent scenes or one or more sufficiently violent scenes to affect them. Adult supervision strongly suggested.
<b>16ANS+</b>	Programming may not be suitable for children under the age of 16 - Contains frequent scenes of violence or intense violence.
<b>18ANS+</b>	Programming restricted to adults. Contains constant violence or scenes of extreme violence.

***Customer Caution***

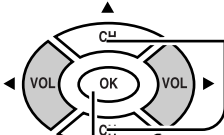
The V-Chip system that is used in this set is capable of blocking “NR” programs (non rated, not applicable and none) per FCC Rules Section 15.120(e)(2). If the option of blocking “NR” programs is chosen “unexpected and possibly confusing results may occur, and you may not receive emergency bulletins or any of the following types of programming:”

- Emergency Bulletins (Such as EAS messages, weather warnings and others)
- Locally originated programming • News • Political • Public Service Announcements • Religious • Sports
- Weather

# CLOSED CAPTION

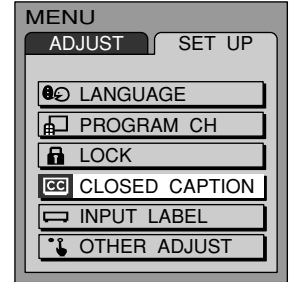
This unit has a built in decoder that provides a visual depiction of the audio portion of a television program in the form of written words across the screen (white or colored letters on a black background). It allows you to read the dialogue of a television program or other information.

**1** Press the MENU button to display the MENU screen and select SET UP.



Press to select CLOSED CAPTION.

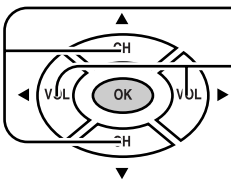
Press to display the CLOSED CAPTION screen.



## CC ON MUTE

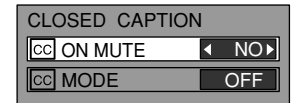
Displays the On-Screen Closed Caption when the MUTE button is pressed. To delete the closed caption, press the MUTE button again.

**2**



Press to select **CC** ON MUTE.

Press to select NO (OFF), C1 or C2.



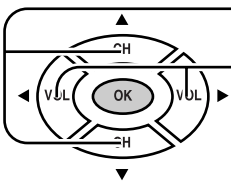
### Notes:

- To activate this feature, set **CC** MODE to OFF .
- The program must have Closed Caption.

## CC MODE

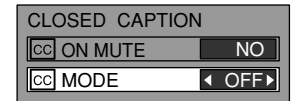
Displays the On-Screen Closed Caption.

**2**



Press to select **CC** MODE.

Press to select OFF, C1 or C2.

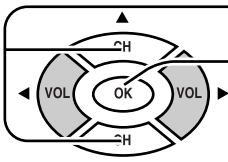


- **OFF (NO)** : Recommended mode when Closed Caption is not being used.
- **C1** : For video related information that can be displayed (up to 4 lines of script strategically placed on the television screen so that it does not obstruct relevant parts of the picture).
- **C2** : Another mode used for video related information.

# INPUT LABEL

You can change the label of the video inputs to match with the connected device (VCR, DVD player etc.).

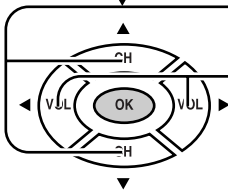
- 1 Press the MENU button to display the MENU screen and select SET UP.



Press to select INPUT LABEL.

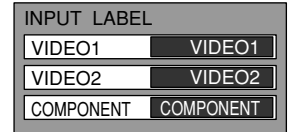
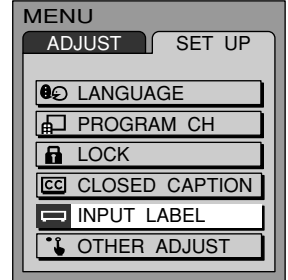
Press to display the INPUT LABEL screen.

2



Press to select the video input (VIDEO1, VIDEO2 or COMPONENT).

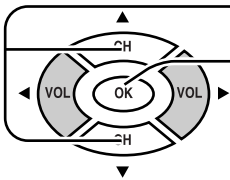
Press to select the INPUT LABEL. (VIDEO1/VIDEO2/COMPONENT, VCR, LD, GAME, DVD, DTV, SKIP\* or [BLANK])



\* Select to skip unused video input when pressing TV/VIDEO button.

# OTHER ADJUST

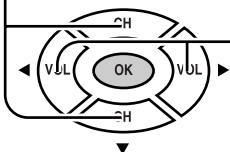
- 1 Press the MENU button to display the MENU screen and select SET UP.



Press to select OTHER ADJUST.

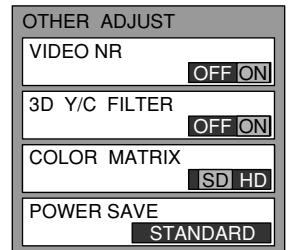
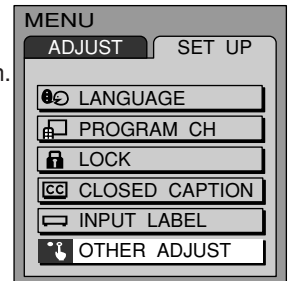
Press to display the OTHER ADJUST screen.

2



Press to select the item.

Press to select the setting.



## VIDEO NR

Reduce video noise in the picture.

OFF ↔ ON

## 3D Y/C FILTER

Minimizes noise and cross color in the picture. Not available for COMPONENT VIDEO INPUT and S-VIDEO INPUT.

OFF ↔ ON

## COLOR MATRIX

Displays input signals (480p signals) in a natural color. Automatically adjusts color parameters for HD (high definition) and SD (standard definition).

SD ↔ HD

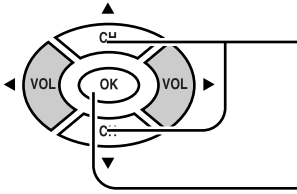
## POWER SAVE

Reduces screen brightness to lower power consumption. Eye-friendly for viewing in a dark room.

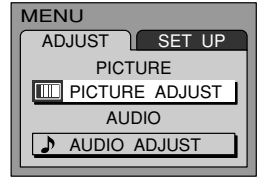
STANDARD ↔ SAVING

# PICTURE ADJUST

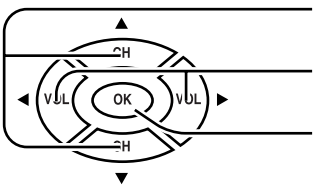
- 1** Press the MENU button to display the MENU screen and select ADJUST.



Press to select PICTURE ADJUST.



**2**

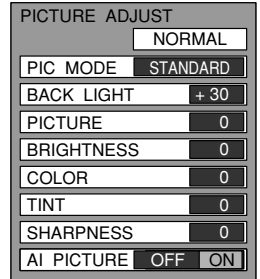


Press to display the PICTURE ADJUST screen.

Press to select the sub-menu.

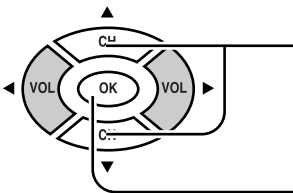
Adjust the setting watching the picture behind the menu.

Press to activate the setting if necessary.



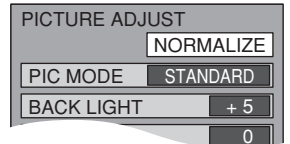
## NORMAL/NORMALIZE

- To reset to standard setting :



Press to select NORMALIZE.

Press OK.



### Notes:

- "NORMAL" means the PIC MODE is in the factory default setting. "NORMAL" changes to "NORMALIZE" when you change the setting of BACK LIGHT, PICTURE, BRIGHTNESS, COLOR, TINT, SHARPNESS or AI PICTURE.
- You can normalize each PIC MODE separately.

## PIC MODE

The picture mode is stored for TV, VIDEO1, VIDEO2 and COMPONENT individually.

MODE	Function
<b>VIVID</b>	Displays a clear image with high contrast.
<b>STANDARD</b>	Displays a standard image.
<b>CINEMA</b>	Ideal for watching movies in a dark room.

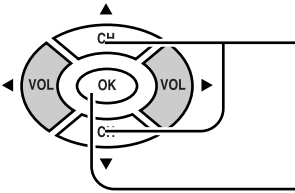
## BACK LIGHT, PICTURE, BRIGHTNESS, COLOR, TINT, SHARPNESS, AI PICTURE

You can change the sub-menu settings (BACK LIGHT, PICTURE, BRIGHTNESS, COLOR, TINT, SHARPNESS and AI PICTURE) for each PIC MODE (STANDARD, CINEMA, and VIVID) according to your personal preference.

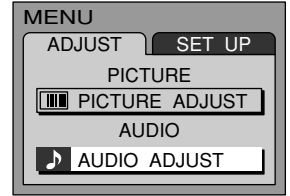
Sub-menu	Function
<b>BACK LIGHT</b>	Luminance of the back light is adjusted.
<b>PICTURE</b>	Selects proper brightness and density for the room.
<b>BRIGHTNESS</b>	Adjusts for easier viewing of dark pictures such as night scenes.
<b>COLOR</b>	Adjusts the level of color.
<b>TINT</b>	Adjusts for flesh tone color.
<b>SHARPNESS</b>	Adjusts the degree of sharpness.
<b>AI PICTURE</b>	Controls dark areas without affecting the black level or brightness in the overall picture.

# AUDIO ADJUST

1

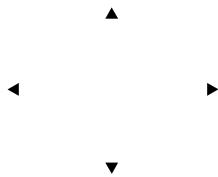


Press to select AUDIO ADJUST.

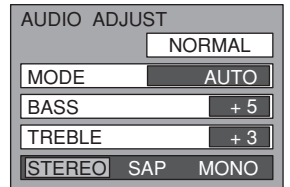


Press to display the AUDIO ADJUST screen.

2



Press to select the sub-menu.

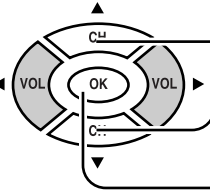


Select the setting listening to the sound.

Press to activate the setting if necessary.

## NORMAL/NORMALIZE

- To reset to standard setting :



Press to select NORMALIZE.

Press OK.

### Notes:

- “NORMAL” means the MODE is in the factory default setting. “NORMAL” changes to “NORMALIZE” when you change the setting of BASS or TREBLE.
- You can normalize each MODE separately.

## MODE

MODE	Function
<b>DYNAMIC</b>	Gives contrast to sound.
<b>MUSIC</b>	For programs consisting mainly of music. Enhances high sounds (around 4 kHz).
<b>AUTO</b>	Automatically adjusts for a wide Dynamic Range.
<b>STANDARD</b>	Emits the original sound.

## BASS, TREBLE

You can change the level of each sub-menu (BASS and TREBLE) for each MODE (AUTO, STANDARD, DYNAMIC and MUSIC) according to your personal preference.

Sub-menu	Function
<b>BASS</b>	Adjusts low frequencies.
<b>TREBLE</b>	Adjusts high frequencies.

## STEREO/SAP/MONO

### Notes:

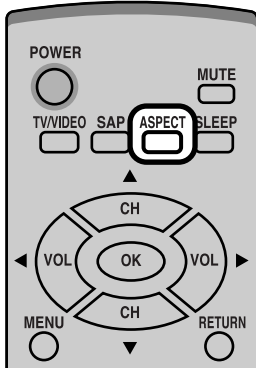
- Red display : With signal
- White display : No signal
- White display (All modes): MONO
- To change the mode using SAP button (see page 12).

MODE	Function
<b>STEREO</b>	Two channel audio reception.
<b>SAP</b>	Second Audio Programming (typically used for bilingual audio).
<b>MONO</b>	Select when stereo signal is weak.

# ASPECT Controls

## (For Video input only)

This feature allows you to enjoy viewing the picture at its maximum size, including wide screen cinema format picture.



Each time you press the button:

4 : 3 ↔ 16 : 9

### Notes:

- The aspect setting is stored separately for VIDEO1, VIDEO2 and COMPONENT.
- In TV mode, the aspect is fixed at 4:3.

Mode	Picture	Explanation
4 : 3		4:3 mode will display a 4:3 picture at its standard 4:3 size without any stretching.
16 : 9		16:9 mode will display 16:9 aspect ratio picture. Bars can be seen at the top and bottom of the image (not available in TV mode).

# Manual de instrucciones

## *Estimado cliente,*

*Bienvenido a la familia de clientes de nuestra marca.*

*Esperamos sinceramente que disfrute de su compra.*

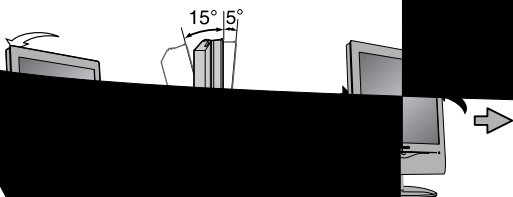
*Sinceramente que disfrute de su compra.*

*Para obtener el máximo beneficio de su compra.*

*cualquier ajuste, y guárdelas en un lugar seguro.*

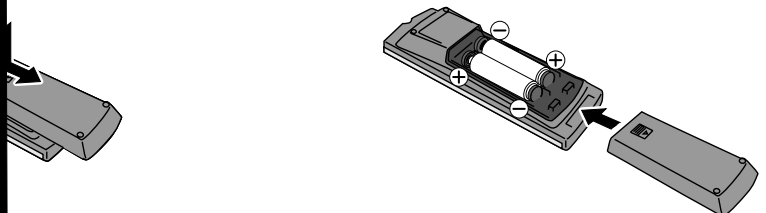
*Guarde también el recibo de compra.*

*serie de su aparato en el espacio reservado.*



Se necesita

2. Instale las pilas y vuelva a poner la tapa. Tenga en cuenta las polaridades (+ y -) al instalar las pilas.



### **⚠ Precauciones a tener en cuenta con la utilización de las pilas**

La instalación incorrecta de las pilas puede causar fugas en las mismas que podrían estropear el transmisor de mando a distancia.

#### **Tome las precauciones siguientes:**

1. Utilice siempre pilas nuevas cuando reemplace las viejas.
2. No intente cargar, recargar, desarmar, calentar o quemar las pilas usadas.
3. Las pilas deben ser reemplazadas cuando el mando a distancia funcione esporádicamente o no pueda controlar esta unidad.





# Conexió

---

(No suministrado)

Asegú

•

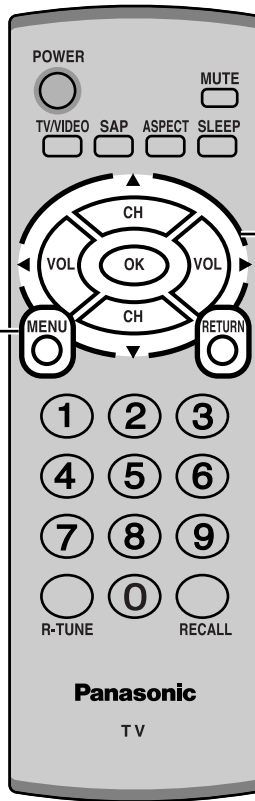
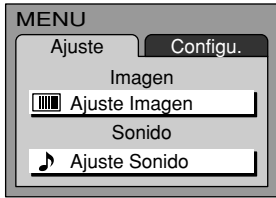
Interruptor **POWER** principal

Indicador de la alimentació

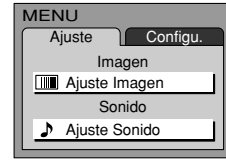
# Operaciones con menús

1

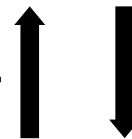
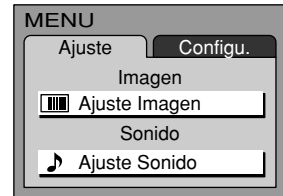
Púselo para visualizar la pantalla MENU.



2

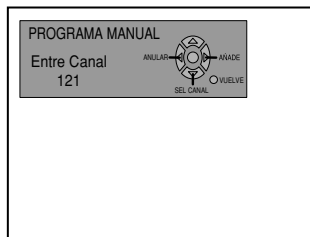


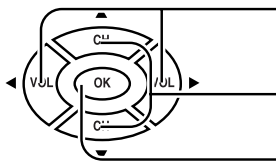
0



## Cuadro de instrucciones de ayuda en pantalla

Cuando se visualiza un menú en el televisor aparece un cuadro de ayuda en la pantalla. Este cuadro de ayuda indica qué teclas del mando a distancia se utilizan para navegar por el menú mostrado.





Púlselo para seleccionar la pantalla MENU (Ajuste o Configu.).

Púlselo para seleccionar la función de menú secundario.

Púlselo para visualizar la pantalla de menú secundario.

- Para volver a la pantalla anterior :  RETURN
- Para salir de la pantalla MENU :  MENU Con esto se retorna a la visión normal.

Ajuste Imagen

Normal

Imagen Normal

Luz Posterior + 30

CONTRASTE 0

BRILLO 0

COLOR 0

TINTE 0

NITIDEZ 0

Imagen IA No Si

Ajuste Sonido

Normal

Sonido Auto

BAJOS + 5

ALTOS + 3

ESTEREO SPA MONO

Idioma

Idioma ESPAÑOL

Seleccione el idioma del menú.

ENGLISH FRANÇAIS

ESPAÑOL

Prog. Canales

MODO TV CABLE

PROGRAMA AUTO

PROGRAMA MANUAL

Bloqueo

Programas: Películas de EEUU

Activado No Si

Modificar

INGRESAR CLAVE

Subtítulos

EN MUDO No

MODO No

Ponga Títulos

Video1 Video1

Video2 Video2

Componente Componente

Otro Ajuste

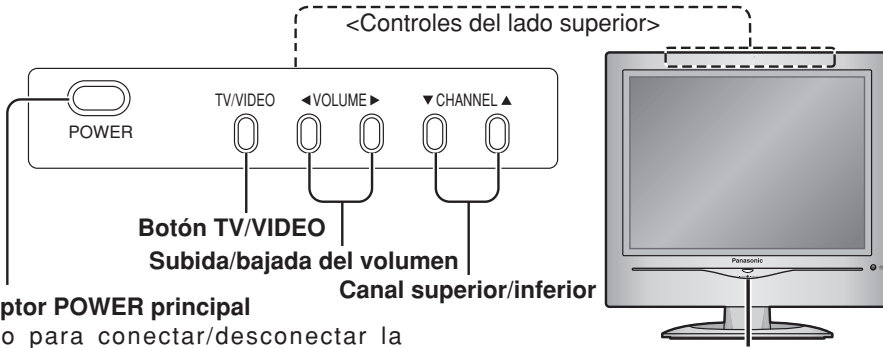
REDUC DE RUIDO No Si

3D Y/C Filtro No Si

Matriz Color DS HD

ECON ENERGÍA ESTÁNDAR

# Controles básicos



## Interruptor POWER principal

Púlselo para conectar/desconectar la alimentación principal del televisor (consulte la página 25).

## Sensor de mando a distancia

Dentro de 23 pies (7 metros) a partir del panel delantero del televisor.

## Botón MUTE

Púlselo para silenciar el sonido. Púlselo de nuevo para cancelar el silenciamiento. El silenciamiento se cancela cuando se desconecta la alimentación o se cambia en nivel del sonido.

## Botón de la alimentación

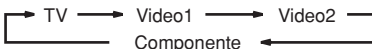
Púlselo para encender o apagar el televisor (consulte la página 25).

### Nota:

Esto no funciona cuando la alimentación principal está desconectada (apagado).

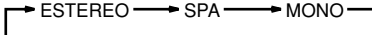
## Botón TV/VIDEO

Púlselo para cambiar el modo de entrada.



## Botón SAP

Púlselo para seleccionar el modo de audio. También puede cambiar el modo en la pantalla MENU.



## Botón MENU

(consulte la página 26)

## Botón RETURN

Púlselo para volver a la pantalla anterior.

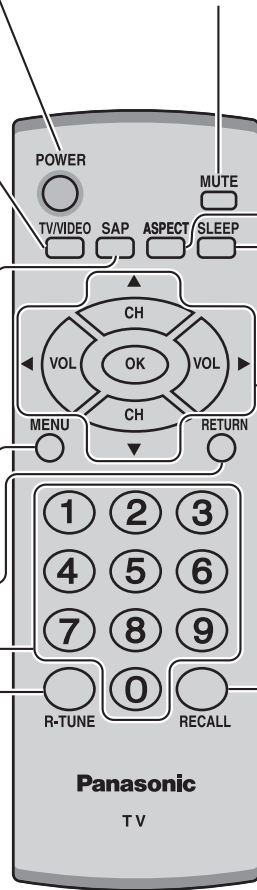
## Botones numerados

## Botón R-TUNE

Púlselo para cambiar a un canal o modo de vídeo anterior.

No resulta efectivo bajo las condiciones siguientes:

1. Justo después de encender el televisor.
2. Después de cambiar TV / CATV (MODO en Prog. Canales).
3. Justo después de la ejecución de ACP (programación automática de canales).
4. Cuando se selecciona el mismo canal que el canal actual.

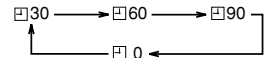


## Botón ASPECT

4 : 3 ↔ 16 : 9

## Botón SLEEP

Ponga el tiempo tras el cual el televisor se pondrá en el modo de espera.



- Cuando queden 3 minutos parpadeará " 3" ("2" para 2 minutos y "1" para 1 minuto).
- El temporizador de cancelado se cancelará cuando se desconecte la alimentación.

## Canal superior

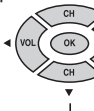
Mueve el cursor hacia arriba durante el modo del menú.

### Reduce el volumen

Mueve el cursor hacia la izquierda durante el modo del menú.

### Aumenta el volumen

Mueve el cursor hacia la derecha durante el modo del menú.



## Canal inferior

Mueve el cursor hacia abajo durante el modo del menú.

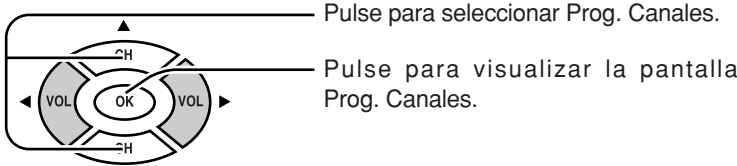
## Botón RECALL

Púlselo para visualizar el número del canal, el temporizador de cancelado y otras opciones.

# Sintonización de canales

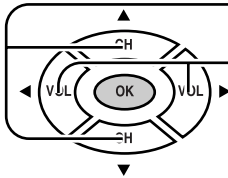
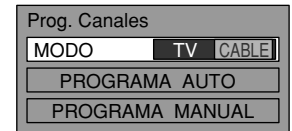
**1** Pulse el botón TV/VIDEO para visualizar el canal de TV.

**2** Pulse el botón MENU para visualizar la pantalla MENU y seleccione Configu.



**3** Pulse para seleccionar MODO.

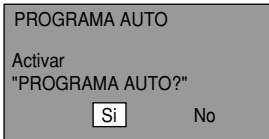
Pulse para seleccionar TV o CABLE.



## Programación automática de canales

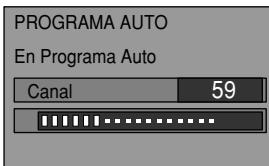
Explora y guarda automáticamente todos los canales de TV.

**4** Pulse para seleccionar PROGRAMA AUTO. Púselo para visualizar la pantalla PROGRAMAAUTO.



**5** Púselo para seleccionar Si.

Púselo para iniciar PROGRAMA AUTO.



Los canales avanzarán automáticamente hasta que todos ellos hayan sido explorados. Los números de los canales con señal de vídeo recibida se guardarán en la memoria de canales.

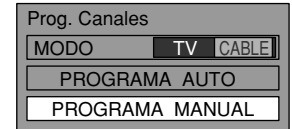
### Notas:

- Cuando se pulse cualquier botón durante PROGRAMA AUTO, el televisor volverá a mostrar la imagen normal. (Los canales encontrados hasta ese punto se añaden.)
- Después de terminar PROGRAMA AUTO se visualizará el número del canal más bajo añadido.
- Cuando no haya canales que puedan recibirse, se visualizará el canal 69 (para TV) o el canal 125 (para TV por cable).

## Programación manual de canales

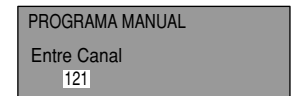
Añada o borre un canal manualmente.

**4** Pulse para seleccionar PROGRAMA MANUAL.



Pulse para visualizar la pantalla PROGRAMA MANUAL.

**5** Pulse para seleccionar canal. También puede utilizar los botones numerados.



















**6** Púselo para añadir el canal a la memoria de canales (el número del canal se pone de color azul). Púselo para borrar el canal de la memoria de canales (el número del canal se pone amarillo).

• Repita los pasos 5 y 6 para otros canales.

# Troubleshooting

If there is a problem with your TV please refer to the table below to determine the symptoms, then carry out the suggested check. If this does not solve the problem, please contact your local Panasonic dealer, quoting the model number and serial number (both found on the rear of the TV).

Symptoms		Checks
Picture	Sound	
 Snowy Picture	 Noisy Sound	Antenna location, direction or connection
 Multiple Image	 Normal Sound	Aerial location, direction or connection
 Interference	 Noisy Sound	Electrical appliances Cars / Motorcycles Fluorescent lights
 Normal Picture	 No Sound	Volume level Sound mute switched on.
 No Picture	 No Sound	TV set to Video Input mode. Not plugged into AC outlet. Not switched on. Picture / Sound controls set at minimum levels. Check if in Standby mode.
 No Colour	 Normal Sound	Color controls set at minimum levels. Weak signal.
 Poor or Distorted Picture	 Weak or No Sound	Retune Channel (s).
 Normal Picture	 Weak or No Sound	Sound reception may have deteriorated. Switch STEREO mode (AUDIO ADJUST menu) to Off until reception improves.
Cannot operate with the remote control.		The battery is exhausted. The battery's polarity is wrong. The remote control sensor is exposed to strong light of a fluorescent lamp, etc.
The main unit is hot.		The main unit radiates heat and some of the parts may become hot. This is not a problem for performance or quality. Set up at a location with good ventilation. Do not cover the ventilation holes of the TV with a tablecloth etc., and do not place on top of other equipment.
There may be red spots, blue spots, green spots and black spots on the screen.		This is a characteristic of liquid crystal panels and is not a problem. The liquid crystal panel is built with very high precision technology giving you fine picture details. Occasionally, a few non-active pixels may appear on the screen as a fixed point of red, blue, green, or black. Please note this does not affect the performance of your LCD.

# Specifications

	TC-17LA2	TC-17LA2D
<b>Power Source</b>	AC 120 V, 60 Hz	
<b>Power Consumption</b>	Average use : 36 W Stand-by condition : 0.6 W Power off : 0.4 W TV set DC:15V, 3.6A max.	
<b>LCD</b>	17-inch (432 mm), 4:3 aspect ratio LCD panel VGA (640 × 480 pixels)	
<b>Screen Size</b>	13.53 " (343.7 mm) (W) × 10.30 " (261.6 mm) (H)	
<b>Channel Capability</b>	VHF-12 : UHF-56 : Cable-125	
<b>Sound</b>		
<b>Speaker</b>	9 × 5 cm, 2 pcs, 16 Ω	
<b>Audio Output</b>	6 W [3 W + 3 W] (10% THD)	
<b>Headphones</b>	M3 (3.5 mm) Jack × 1	
<b>FEATURES</b>	3D Y/C Digital Comb Filter CLOSED CAPTION V-Chip	
<b>Operating Conditions</b>	Temperature : 41 °F - 95 °F (5 °C – 35 °C) Humidity : 5 % - 90 % RH (non-condensing)	
<b>Connection Terminals</b>		
<b>INPUT</b>	VIDEO (RCA PIN Type × 1) × 2	1.0 Vp-p (75 Ω)
	S-VIDEO (MINI DIN 4pin × 1) × 2	Y : 1.0 Vp-p (75 Ω), C : 0.286 Vp-p (75 Ω)
	AUDIO L-R (RCA PIN Type × 2) × 2	0.5 Vrms
<b>COMPONENT VIDEO INPUT</b>	Y × 1	1.0 Vp-p (including synchronization)
	P <sub>B</sub> / P <sub>R</sub> × 1	±0.35 Vp-p
	AUDIO L-R (RCA PIN Type × 2) × 1	0.5 Vrms
<b>Dimensions ( W × H × D )</b>		
<b>Including TV Stand</b>	17 21/64 " (440 mm) ×	17 21/64 " (440 mm) ×
	17 63/64 " (457 mm) ×	15 3/4 " (400 mm) ×
	10 15/64 " (260 mm)	7 21/64 " (186 mm)
<b>TV Set Only</b>	17 21/64 " (440 mm) × 15 25/32 " (401 mm) × 3 35/64 " (90 mm)	
<b>Mass (Weight)</b>	14.8 lb. (6.7 kg) Net	12.6 lb. (5.7 kg) Net

**Note:**

Design and Specifications are subject to change without notice. Weight and Dimensions shown are approximate.

**Customer's Record**

The model number and serial number of this product can be found on its rear panel. You should note this serial number in the space provided below and retain this book, plus your purchase receipt, as a permanent record of your purchase to aid in identification in the event of theft or loss, and for Warranty Service purposes.

Model Number \_\_\_\_\_

Serial Number \_\_\_\_\_

**Panasonic Consumer Electronics Company, Division of Matsushita Electric Corporation of America**  
One Panasonic Way Secaucus  
New Jersey 07094

**Panasonic Sales Company, Division of Matsushita Electric of Puerto Rico Inc. ("PSC")**  
Ave. 65 de Infanteria, Km 9.5  
San Gabriel Industrial Park,  
Carolina, Puerto Rico 00985

**Panasonic Canada Inc.**  
5770 Ambler Drive  
Mississauga, Ontario  
L4W 2T3