

Panasonic®

Operating Instructions LCD Television Manual de instrucciones Televisor LCD

Model No. **TC-26LX60**

Número de modelo **TC-26LE60**

TC-32LX60

TC-32LE60



DOLBY
DIGITAL

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

For assistance, please call : 1-800-211-PANA (7262) or contact us at www.panasonic.com/contactinfo (U.S.A.)
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For assistance, please call : 787-750-4300 or visit us at www.panasonic.com (Puerto Rico)
--

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

Para solicitar ayuda, llame al: 1-800-211-PANA (7262) o visítenos en www.panasonic.com/contactinfo (EE.UU.)
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English

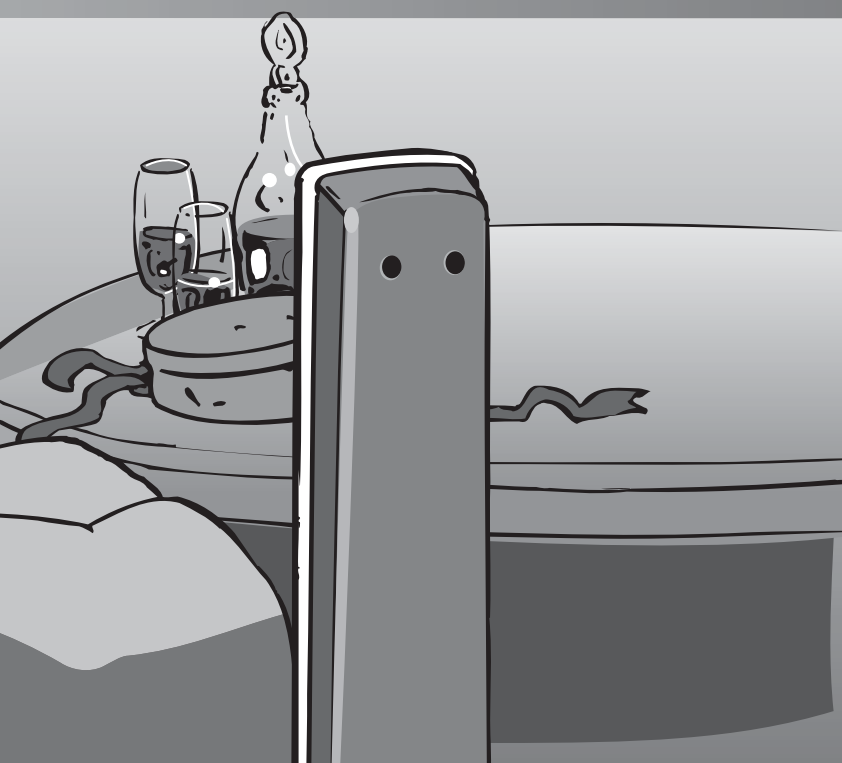
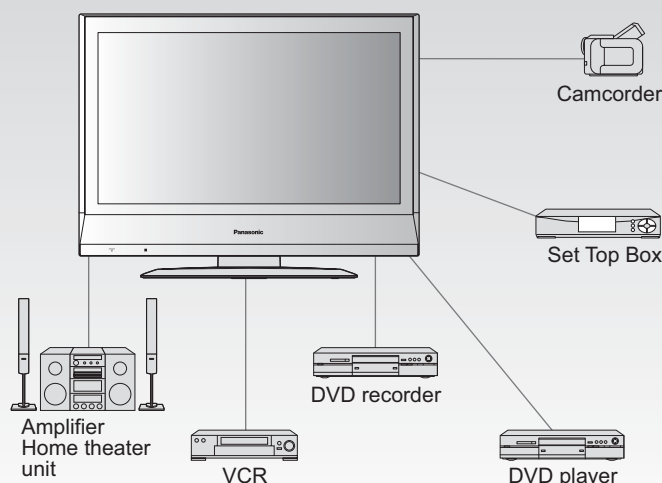
Español [Resumen]

Please read these instructions before operating your set and retain them for future reference.
The images shown in this manual are for illustrative purposes only.

Lea estas instrucciones antes de utilizar su televisor y guárdelas para consultarlas en el futuro.
Las imágenes mostradas en este manual tienen solamente fines ilustrativos.



Enjoy rich multimedia



HDAVI Control™

HDAVI Control™ is a trademark of Matsushita Electric Industrial Co., Ltd.



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Enjoy your TV !

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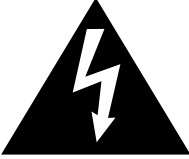
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Important Safety Instructions

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
WARNING: 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 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

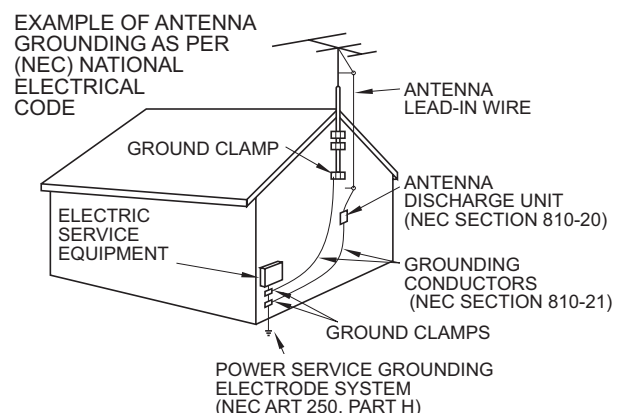
This reminder is provided to direct the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

Secure ventilation

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.

Important Safety Instructions for LCD TV

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 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.
- 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.
- 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.
- 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.
- 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. Section 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:
- When the power cord or plug is damaged or frayed.
 - If liquid has been spilled into the LCD TV.
 - If the LCD TV has been exposed to rain or water.
 - 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.
 - If the LCD TV has been dropped or the cabinet has been damaged.
 - 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 parts. 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) **WARNING** : **SMALL PARTS CAN PRESENT CHOKING HAZARD IF ACCIDENTALLY SWALLOWED. KEEP SMALL PARTS AWAY FROM YOUNG CHILDREN.**
DISCARD UNNEEDED SMALL PARTS AND OTHER OBJECTS, INCLUDING PACKAGING MATERIALS AND PLASTIC BAGS/SHEETS TO PREVENT THEM FROM BEING PLAYED WITH BY YOUNG CHILDREN, CREATING THE POTENTIAL RISK OF SUFFOCATION.
- 24) **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.**
- 25) **CAUTION** : **USE WITH OTHER STAND MAY RESULT IN INSTABILITY POSSIBLY CAUSING INJURY.**
- 26) **CAUTION** : **DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE.**

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

■ **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.**

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. However, there is no guarantee that interference will not occur in a particular installation. 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 or more 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.

Accessories/Option

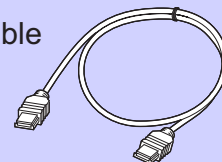
Check you have all the items shown.

Accessories

- ☐ Remote Control Transmitter
● EUR7613ZG0

- ☐ Batteries for the Remote Control Transmitter (2)
● AA Battery

- ☐ HDMI Cable



(for TC-26LE60 and TC-32LE60)

- ☐ Operating Instructions

- ☐ Product Registration Card (U.S.A.)

- ☐ Customer Care Plan Card (U.S.A.)

Installing remote's batteries

1

push

Caution

- Incorrect installation may cause battery leakage and corrosion, resulting in damage to the remote control unit.
- Do not mix old and new batteries.
- Do not mix different battery types (such as alkaline and manganese batteries).
- Do not use rechargeable (Ni-Cd) batteries.
- Do not burn or break batteries.
- Make a note of the remote control codes before changing batteries in case the codes are reset. (p. 37-38)

2

slide open



close

Note the correct polarity (+ or -).

Optional accessory

Please contact your nearest Panasonic dealer to purchase the recommended wall-hanging bracket. For additional details, please refer to the wall-hanging bracket installation manual.

Wall-hanging bracket (vertical)

- TY-WK32LR2W

WARNING

- Failure to use a Panasonic bracket or choosing to mount the unit yourself will be done at the risk of the consumer. Any damage resulting from not having a professional installer mount your unit will void your warranty.
- Always be sure to ask a qualified technician to carry out set-up. Incorrect fitting may cause equipment to fall, resulting in injury and product damage.
- Do not mount this LCD Television directly below ceiling lights (such as spotlights, floodlights or halogen lights) which typically give off high heat. Doing so may warp or damage plastic cabinet parts.

How to remove the TV-Stand

1

Remove two screws

Pull out the plastic portion

2

Remove four screws

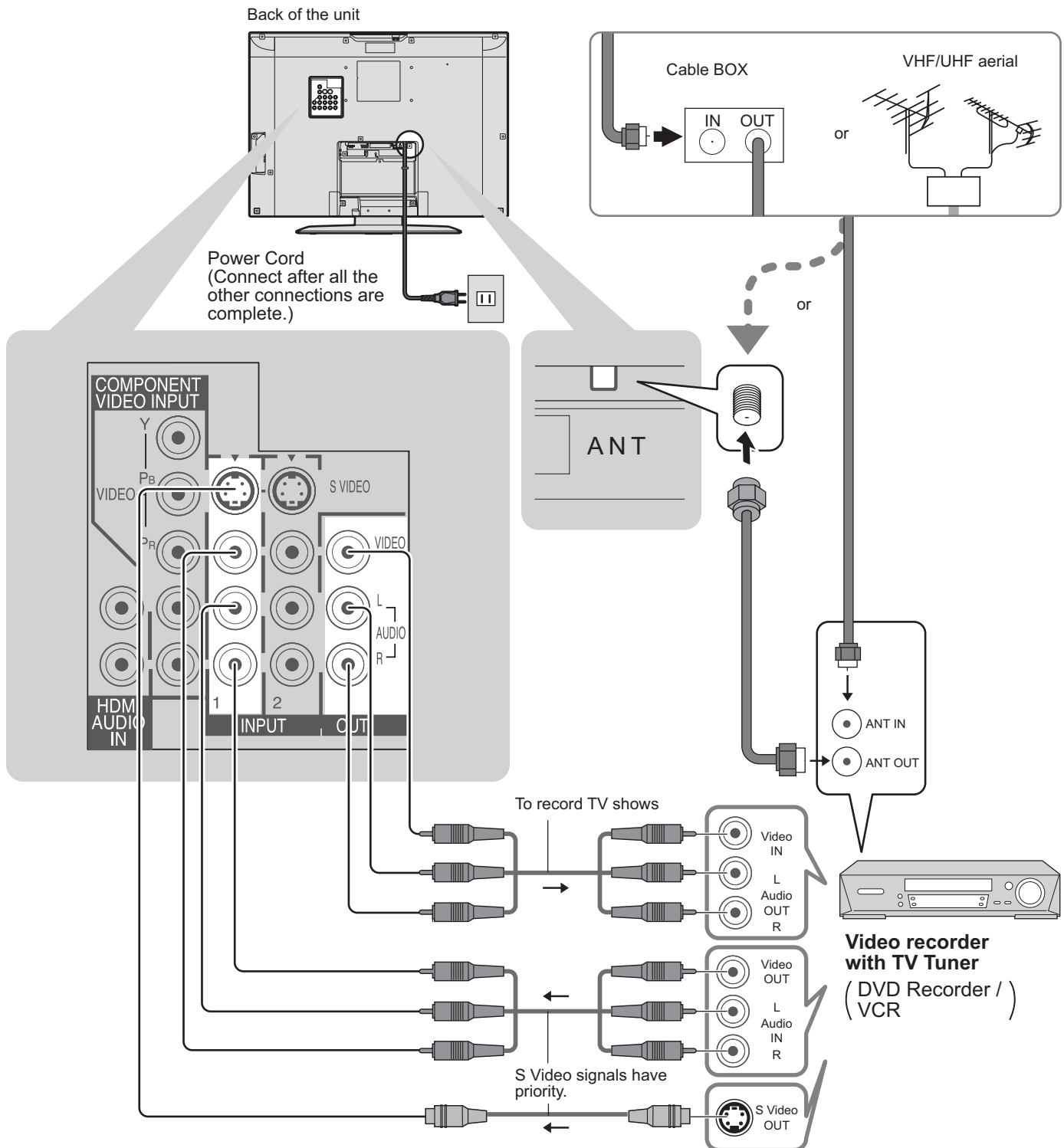
Pull out the metallic portion



—— Foam mat or thick soft cloth

Connection

■ Watching TV



Note

- All cables and external equipment shown in this book are not supplied with the TV.
- For additional assistance, visit us at: www.panasonic.com
www.panasonic.ca
- 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.
- When receiving digital channel signals, all digital formats are down-converted to composite NTSC video to be output through "OUTPUT" terminals.
- Some programs contain a copyright protection signal to prevent VCR recording.

Receiver Location

Locate at a comfortable distance for viewing. Avoid placing where sunlight or other bright light (including reflections) will fall on the screen.

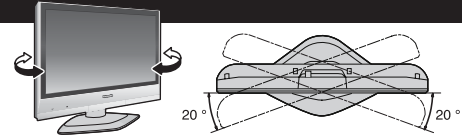
Use of some types of fluorescent lighting can reduce remote control transmitter range.

Adequate ventilation is essential to prevent internal component failure. Keep away from areas of excessive heat or moisture.

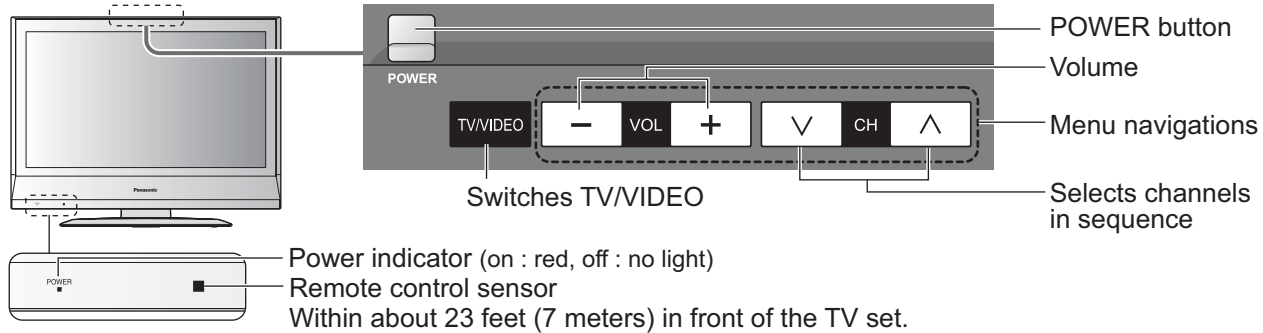
How to use the LCD stand

Adjust the stand to your desired angle.

The stand angle can be rotated 20° to the right / left.

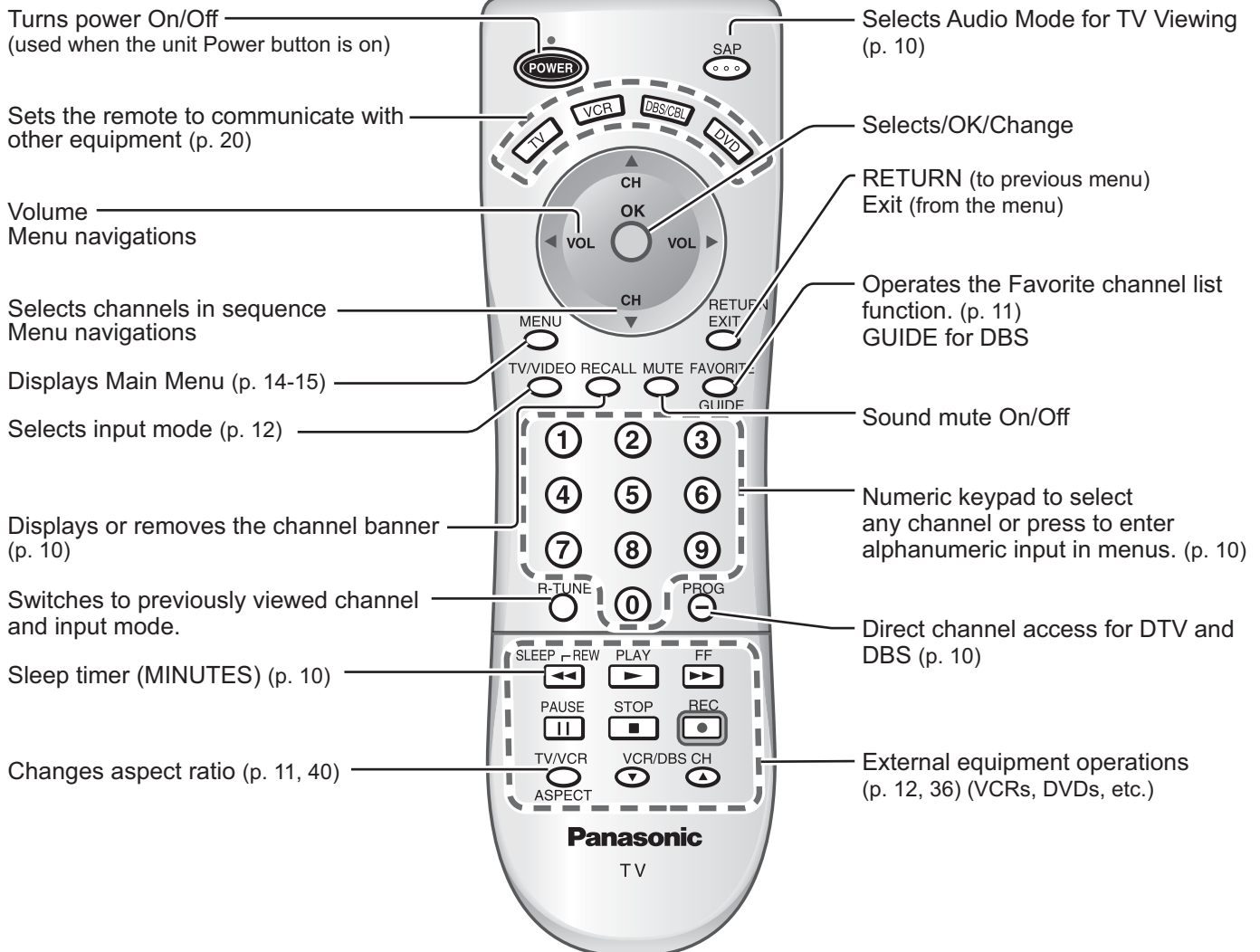


Identifying Controls



Note

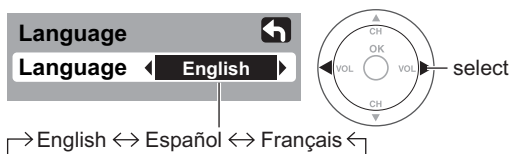
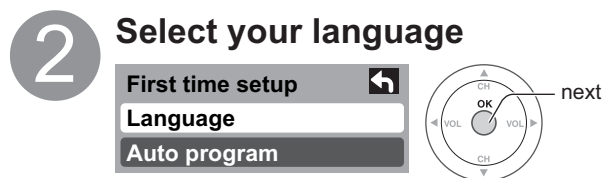
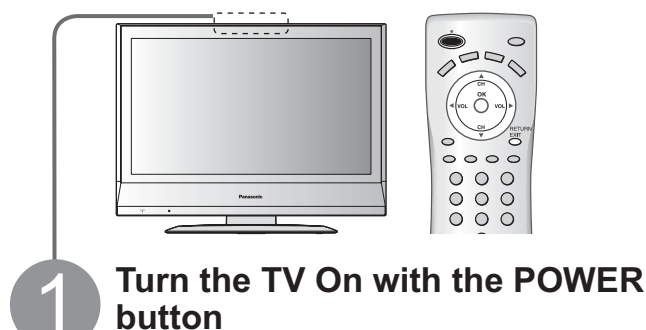
- The TV consumes some power as long as the power cord is inserted into the wall outlet.



First Time Setup

"First time setup" is displayed only when the TV is turned on for the first time after the power cord is inserted into a wall outlet.

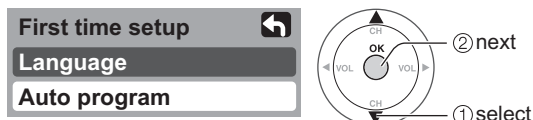
Available only when "Auto power on" (p. 14-15) is set to "Off".



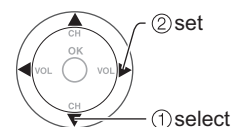
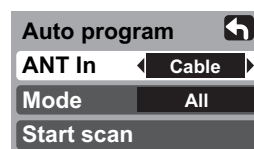
RETURN
EXIT
Press to go to previous screen.
Or, select icon, then press OK for same results.



① Select "Auto program"



② Select antenna and input modes



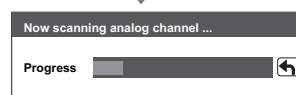
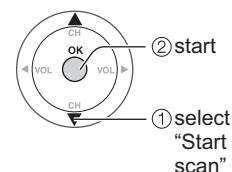
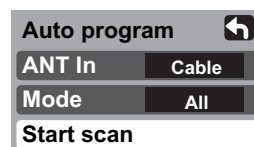
ANT In
Cable: Cable TV

Antenna: Antenna

Mode
All : digital and analog
Analog : analog only (Reduces time for scanning)

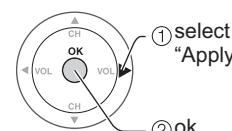
- About broadcasting systems
Analog : traditional TV system (NTSC)
Digital : new system that allows you to view (ATSC) more channels featuring high-quality video and sound

③ Start scanning the channels



- Available channels (analog/digital) are automatically set.

④ Confirm registered channels



- If OK is not pressed after selecting "Apply", the channels will not be memorized.

■ Press to exit or return to previous screen



Note

- To change setting later, go to Menu screen (p. 14-15)

Watch TV

Connect cable Box with TV. (p. 7)

- For receiving digital TV, connect Cable TV directly to "ANT" terminal.



1



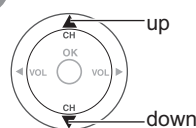
2

Turn power on



3

Select a channel number



or



■ To directly input the digital channel number

PROG When tuning digital channel, press the button to enter the minor number in a compound channel number.

example: CH15-1: ① ⑤ **PROG** ①

Useful Functions (Operate after ③)

Switches the unit OFF in a preset amount of time from 0 to 90 minutes in 30 minute intervals.

SLEEP 0/30/60/90 (minutes)



■ Selects Audio Mode for TV Viewing

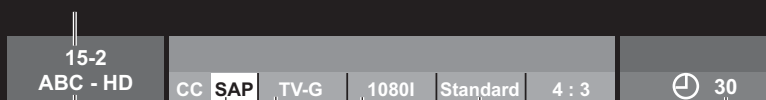


Listen with SAP (Secondary Audio Program)

Audio track 1 of 1 (English)

Press the next audio track (if available) when receiving a digital

Information Recall



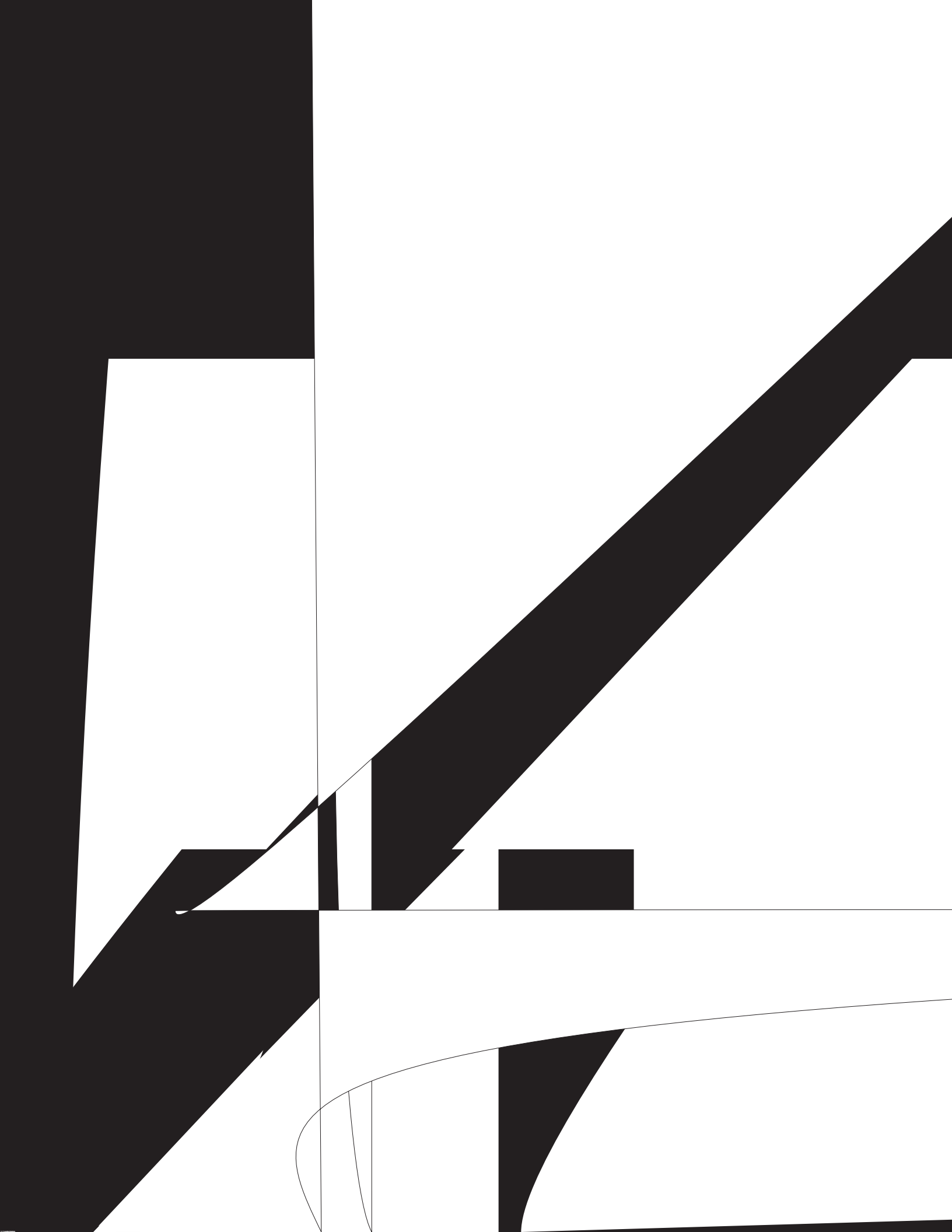
identifier

Rating Level

resolution

mode

Aspect ratio



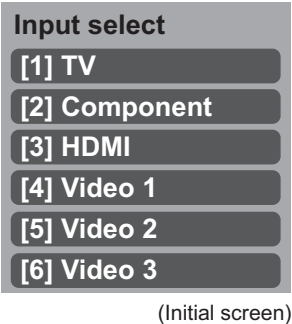
Watching Videos and DVDs

Some Panasonic equipment connected to the TV unit can be operated with the remote control.
Programming the remote control is necessary to operate other manufacturers' products. (p. 20, 36-38)

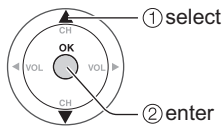


1 With VCR or DVD turned On
Switch to external input
Press to display the Input select menu.
TV/VIDEO

2 **Select the input mode**



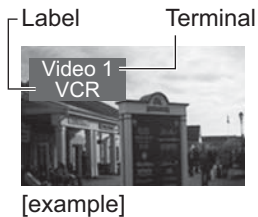
① ② ③
④ ⑤ ⑥
⑦ ⑧ ⑨
⑩
or



Press corresponding NUMBER key on the Remote Control to select the input of your choice.

Press to select the input of your choice, then press "OK".
● If during selection, no action is taken for several seconds, the Input selection menu is exited.

● The terminal and label of the connected equipment is indicated.
To label each of the connected equipment (p. 13)



■ Press to return to TV
TV/VIDEO

3 **Operate**
the VCR or DVD with the remote control

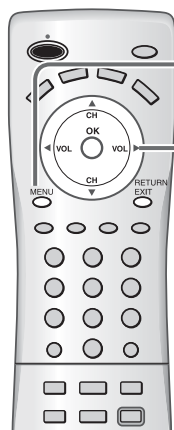
(example)

Note
● For details, see the manual of the equipment or ask your local dealer.

	VCR	DVD
SLEEP ◀ REW ▶▶ FF	Rewind/Fast Forward	Reverse/Forward
PLAY ▶	Play	Play
PAUSE	Pause	Pause
STOP ■	Stop	Stop
REC	VCR Record	—
TV/VCR ASPECT	TV/VCR	Open/Close
VCR/DBS CH ◀ ▶	Channel Down/UP	Slow Reverse/Forward

(For other operations, see p. 36)

Input Labels/Closed Caption



1 Display menu

2 Select "Setup"

3 Select "Input labels" or "CC"

2 next

1 select

4 Set Pres to exit

RETURN
EXIT

Input labels

Display
labels of
external
equipment

The labels of equipment connected to external input terminals can be indicated for easy recognition on the screen. (In selecting input mode of p. 12 2)

Select the terminal and the label of the external equipment

1 select

2 set

Terminal: Comp./HDMI/Video1-3

Label: SKIP*/VCR/DVD/CABLE/DBS/PVR/
GAME/AUX/[BLANK]

* If "SKIP" is selected for a non-connected terminal, its input is skipped when switched with TV/VIDEO button.

The television includes a built-in decoder that is capable of providing a text display of the audio. The program being viewed must be transmitting Closed Captioning (CC) information. (p. 40)

Select the item and set

1 select

2 set

Input
CC
HDMI
Video1
Video2
Video3

The settings in "Analog" or "Digital" depend on the broadcaster.

Mode

Select "On" (when not using, select "Off").

Analog

(Choose the closed caption service of Analog broadcasting.)

CC1-4: Information related to pictures
(Appears at bottom of screen)

T1-4: Textual information
(Appears over entire screen)

Digital

(The Digital Closed Caption menu lets you configure the way you choose to view the digital captioning.)

Select the setting.

"Primary", "Second.", "Service 3", "Service 4",
"Service 5", "Service 6"

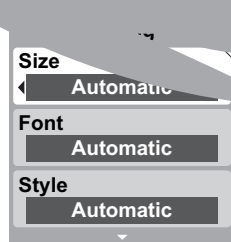
CC

Display
Closed
Caption

To make more in-depth display settings in digital programs

1 Select "Digital setting" and press "OK" button

2 Select the item and set



(1/3)

1 select

2 set

Size: Text size

Font: Text font

Style: Text style (Raised, Depressed, etc.)

Foreground: Color of text

Fore opacity: Opacity of text

Background: Color of text box

Back opacity: Opacity of text box

Outline: Outline color of text

(Identify the setting options on the screen.)

To reset the settings

Select "CC reset" and press "OK" button

Picture 1/2		
Normal	Set	
Pic. mode	Standard	
Back light	+20	
Picture	+20	
Brightness	0	
Color	0	
Tint	0	
Sharpness	Pic80cn 5 2572 cn 0Se	

Normal	Set
Pic. mode	Standard
Back light	+20
Picture	+20
Brightness	0
Color	0
Tint	0
Sharpness	0

Menu	Item	
Picture	Normal	
	Pic. mode	
	Back light	
	Picture, Brightness, Color, Tint, Sharpness	
	Color temp	
	AI picture	
	Zoom adjust	
	Other adjust	Video NR
		3D Y/C filter
		Color matrix
		Black level
Audio	Normal	
	Bass	
	Treble	
	Balance	
	Other adjust	AI sound
		Surround
		HDMI in
		Audio leveler
Timer	Sleep	
Lock		
Setup	CH scan	
	Language	
	Program channel	
	Input labels	
	CC	
	Other adjust	Auto power on
		Prog-out stop
		Ctrl with HDMI
		Power save
	About	
	Reset	

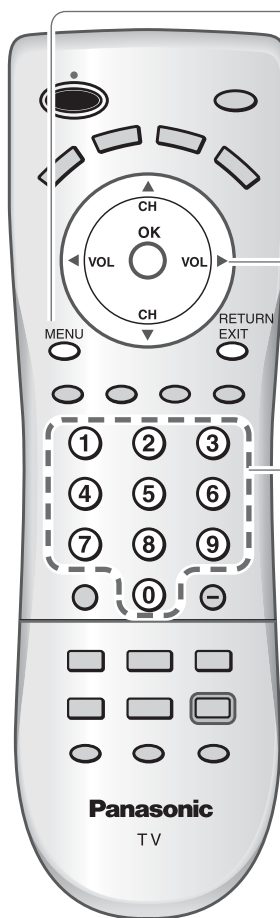
Adjustments/Configurations (alternatives)

Resets all picture adjustments to factory default settings except for "Other adjust"	Normal	Set
Basic picture mode (Vivid/Standard/Cinema) (p. 41)	Pic. mode	Standard
Adjusts luminance of the back light.	Back light	+20
Adjusts color, brightness, etc. for each picture mode to suit your taste	Picture Brightness Color	+20 0 0
	Tint	0
	Sharpness	0
Selects level of warm colors (red) and cool colors (blue) (Warm/Cool/Normal)	Color temp	Cool
Controls dark areas without affecting the black level or brightness in the overall picture (On/Off)	AI picture	On
Adjusts vertical alignment and size when aspect setting is "ZOOM" (p. 40)	Zoom adjust	
Reduces noise, commonly called snow. Leave off when receiving a strong signal. (On/Off)	Video NR	Off
Minimizes noise and cross-color in the picture. (On/Off) ● Not valid on component and HDMI.	3D Y/C filter	Off
Selects image resolution of component-connected devices (SD/HD) ● SD: normal vision HD: high-definition vision ● Only 480 p signal accepted; regular TV (NTSC) is not available.	Color matrix	SD
Select Dark or Light depending on the picture conditions. (Dark/Light) The dark scene becomes easy to see. (Valid only for external input signals.)	Black level	Light
Reset Bass, Treble and Balance adjustments to factory default settings.	Normal	Set
Increase or decrease the bass response.	Bass	+ 4
Increase or decrease the treble response.	Treble	0
Emphasize the left / right speaker volume.	Balance	0
Equalize overall volume levels across all channels and VIDEO inputs. (On/Off)	AI sound	On
Enhances audio response when listening to stereo. (On/Off)	Surround	Off
Selects according to the signal when HDMI is connected (Auto/Digital/Analog) ● Auto: Automatically selects Analog / Digital signal	HDMI in	Auto
Minimizes volume disparity after switching to external inputs	Audio leveler	0
Automatically turns off the TV after a pre-selected amount of time. ● 0/30/60/90 (minutes) Timer setting is also possible by pressing the "Sleep" button on the remote control. (p. 10)	Sleep	60
Locks the channels and programs (p. 16-17)		
Selects channels to be displayed when pressing "Channel up/down" buttons. (Fav./All) ● Fav.: Only channels registered as Favorite (p. 19)	CH scan	All
Selects the screen menu language (p. 9)	Language	
Sets receiving channels. (p. 18-19)	Program channel	
Displays labels of external equipment (p. 13)	Input labels	
Displays subtitles (Closed Caption) (p. 13)	CC	
Sets how to power on the TV. (Set/Off) Set : Connect power cord plug to Cable box etc. and control TV's On/Off on the connected equipment. (The Sleep Timer will not function if Auto power on is set.) Off : Supply Power from wall outlet and control TV's On/Off on TV side. ("First time setup" menu is displayed when power cord plug is re-inserted after removing it from the wall outlet.)	Auto power on	Off
To prevent howling and image oscillation, stops output of the pictures and audio specified in this menu. (p. 23) (Off/Comp./HDMI/Video 1/Video 2/Video 3) ● Comp./HDMI cannot output video signals regardless of "Prog-out stop" setting.	Prog-out stop	Off
Controls equipment connected to HDMI terminals. (p. 21, 22) (On/Off)	Ctrl with HDMI	On
Reduces screen brightness to lower power consumption. Eye-friendly for viewing in a dark room (Standard/Saving)	Power save	Standard
Displays TV version and software license.	About	
Performing Reset will clear all items set with Setup, such as channel settings. (p. 18) Use Reset with care.	Reset	

● In VIDEO mode, the Audio menu and Setup menu give a smaller number of options.

Channel Lock

You can lock out specified channels or shows to prevent children from watching objectionable content.

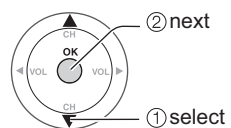


1 Display menu
MENU

2 Select “Lock”
You will be asked to enter your password each time you display the Lock menu.

3 Input your 4-digit password
A 4-digit code must be entered to view a blocked program or change rating settings.

Menu
☐ Picture
☐ Audio
☐ Timer
☒ Lock
☐ Setup



Enter password.
 . . .

① ② ③
④ ⑤ ⑥
⑦ ⑧ ⑨
⑩

● If it is the first time to enter the password, enter the number twice in order to register it.

■ Press to exit

RETURN
EXIT

Caution

- Make a note of your password in case you forget it. (If you have forgotten your password, consult your local dealer.)

Note

- When you select a locked channel, a message will be displayed that allows you to view the channel if you input your password.

4 Select the Lock mode

Lock
 Mode ◀ Off ▶
 Channel
 Program
 Change password



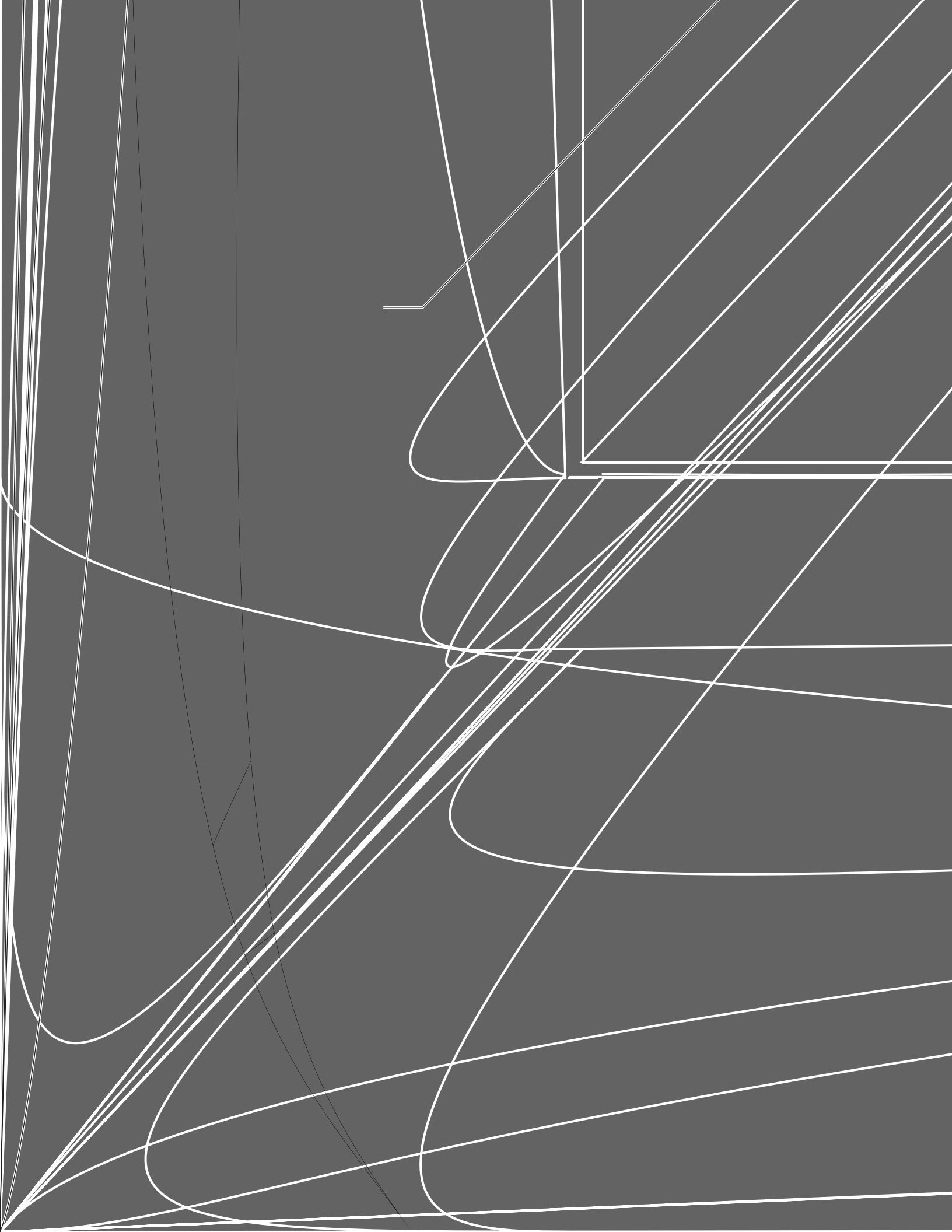
- Off: “Channel lock” not activated
- All: Locks all channels and external inputs
- Game: Locks CH3, CH4, and external inputs
- CH: Locks specified channels (analog/digital)

■ To change the password

- ① In 4, select “Change password” and press “OK” button
- ② Input the new 4-digit password twice

■ To cancel the “Channel lock”

- Select “Off” in 4



Editing and Setting Channels

The current channel settings can be changed according to your needs and reception conditions.

1 Display menu
MENU

2 Select "Setup"

3 Select "Program channel"

4 Select the function

5 Set

■ Press to exit
RETURN
EXIT

Menu

- Picture
- Audio
- Timer
- Lock
- Setup**

Setup

- CH scan ALL
- Language
- Program channel**
- Input labels
- CC
- Other adjust

Program channel

- Auto
- Manual**
- Signal meter

② next
① select

Auto
Set automatically

Manual
Set manually

Signal meter

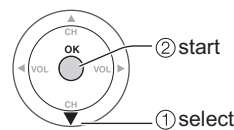
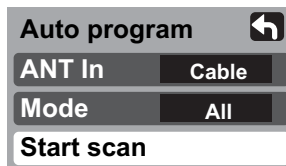
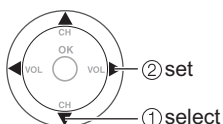
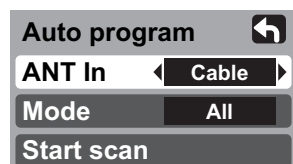
Check signal strength

- To reset the settings of setup menu
- ① Select "Reset" in Setup menu (3) and press "OK" button
 - ② Input your 4-digit password with number buttons
 - ③ Select "YES" on the confirmation screen and press "OK" button

Automatically searches and adds active channels to memory.

① **Select “ANT In”** ➔ (Select Cable or Antenna) ③ **Select “Start scan”**

② **Select “Mode”** ➔ Select All or Analog
All: Analog and digital
Analog: Analog only

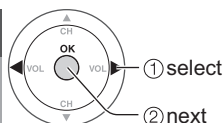
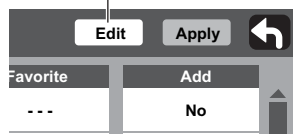


Settings are made automatically

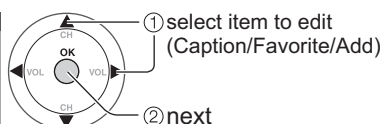
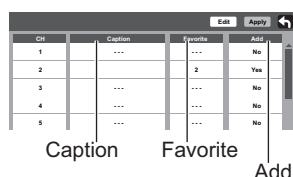
- After completing the setting, select “Apply”. (see below ④).
- All previously memorized channels are erased.

Use this procedure when changing setting of receiving channels or changing the channel display. Also, use to add or delete channels from channel list manually.

① **Select “Edit”**



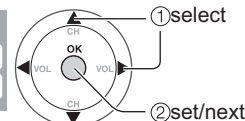
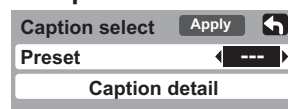
② **Select the item to be edited**



- **Caption:**
Changes the station identifier
- **Favorite:**
Registers channel to Favorites List
- **Add:**
Adds or deletes channels

③ **Edit**

● **Caption**



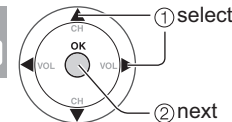
Preset

Select the station identifier

Caption detail

Rename (maximum 7 characters available)

● **Favorite**



Favorite

Select the number

● **Add**

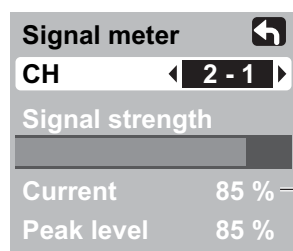
Press “OK” button to select “Yes (add)” or “No (delete)”

④ **Select “Apply”**

Press to move cursor to “Apply”



Check the signal strength if interference is found or freezing occurs on a digital image.



- If the signal is weak, check the antenna. If no problem is found, consult your local dealer.

Note

- Not available if “Cable” is selected in “ANT In” (see above).
- Effective only for digital antenna channels.

● If “Channel lock” (p. 16) is activated and “Auto”, “Manual” or “Signal meter” is selected, “Enter password.” will be displayed.

Operating Peripheral Equipment

You can operate other manufacturers' equipment using this TV's remote control.



- 1 Connect the external equipment to the TV and **Power Off the external equipment**
- 2 Press both buttons simultaneously for more than 3 seconds.
 - Release the buttons when the equipment selection buttons start flashing.
- 3 Select the equipment with the equipment selection button
 - The selected button remains lit (other buttons are not lit).
- 4 Input the equipment's 4-digit remote control code (p. 37-38)
- 5 Operate the equipment with the remote control (p. 36)
 - The external equipment turns On.

■ If the equipment does not operate with remote control

- When your equipment has a single code
 - ➔ Input the remote control code again
- When your equipment has multiple codes
 - ➔ Change the code with ④ above and test again

Caution

- Registration will fail if the wrong code is input or it takes more than 30 seconds to register.

To find a code not listed in the code list

This procedure searches all codes and is called the "sequence method."

① After step ③ above, change the code and test

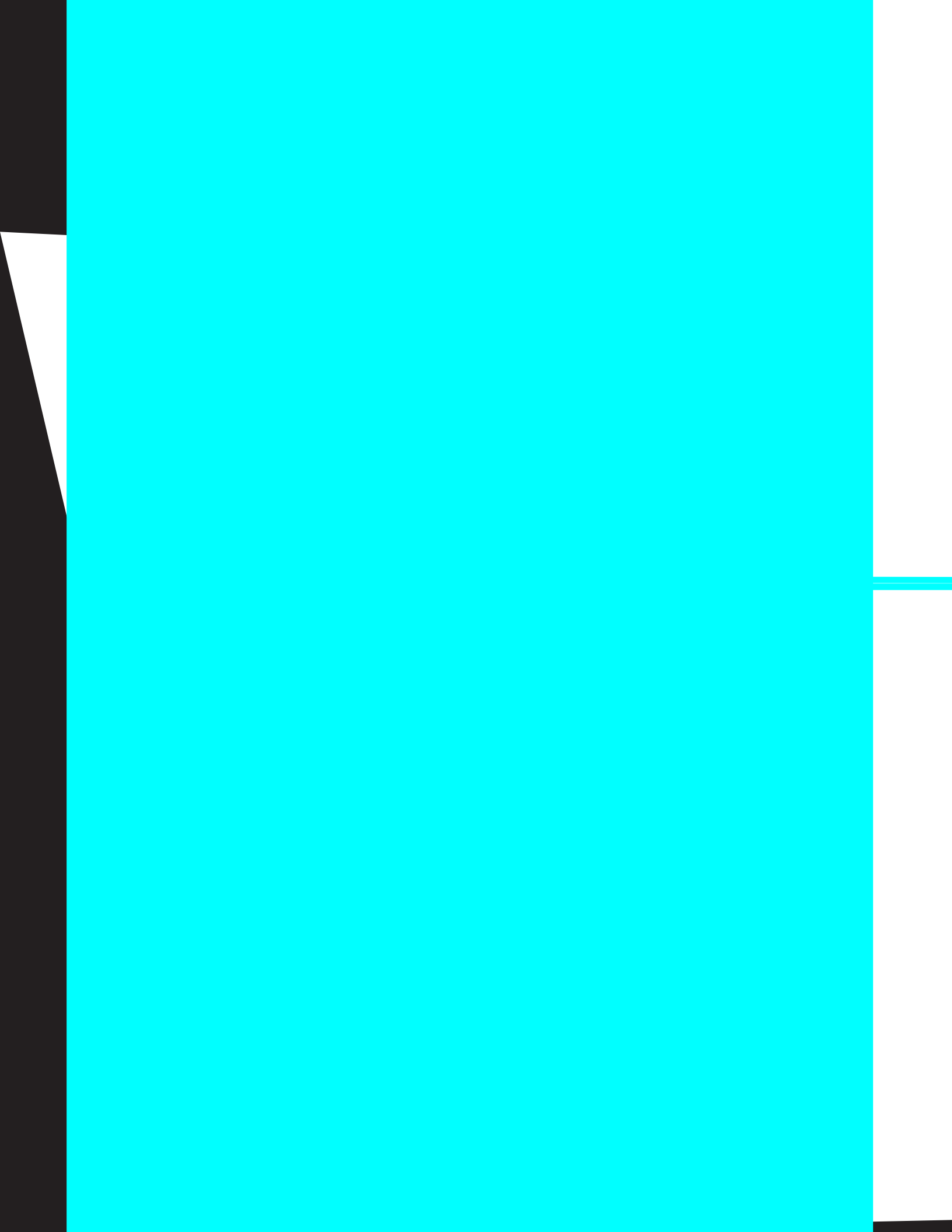


➔ Operate the equipment with the remote control (p. 36)

- Repeat until the code is found
- It may take many attempts before the correct code is found

② When the correct code is found



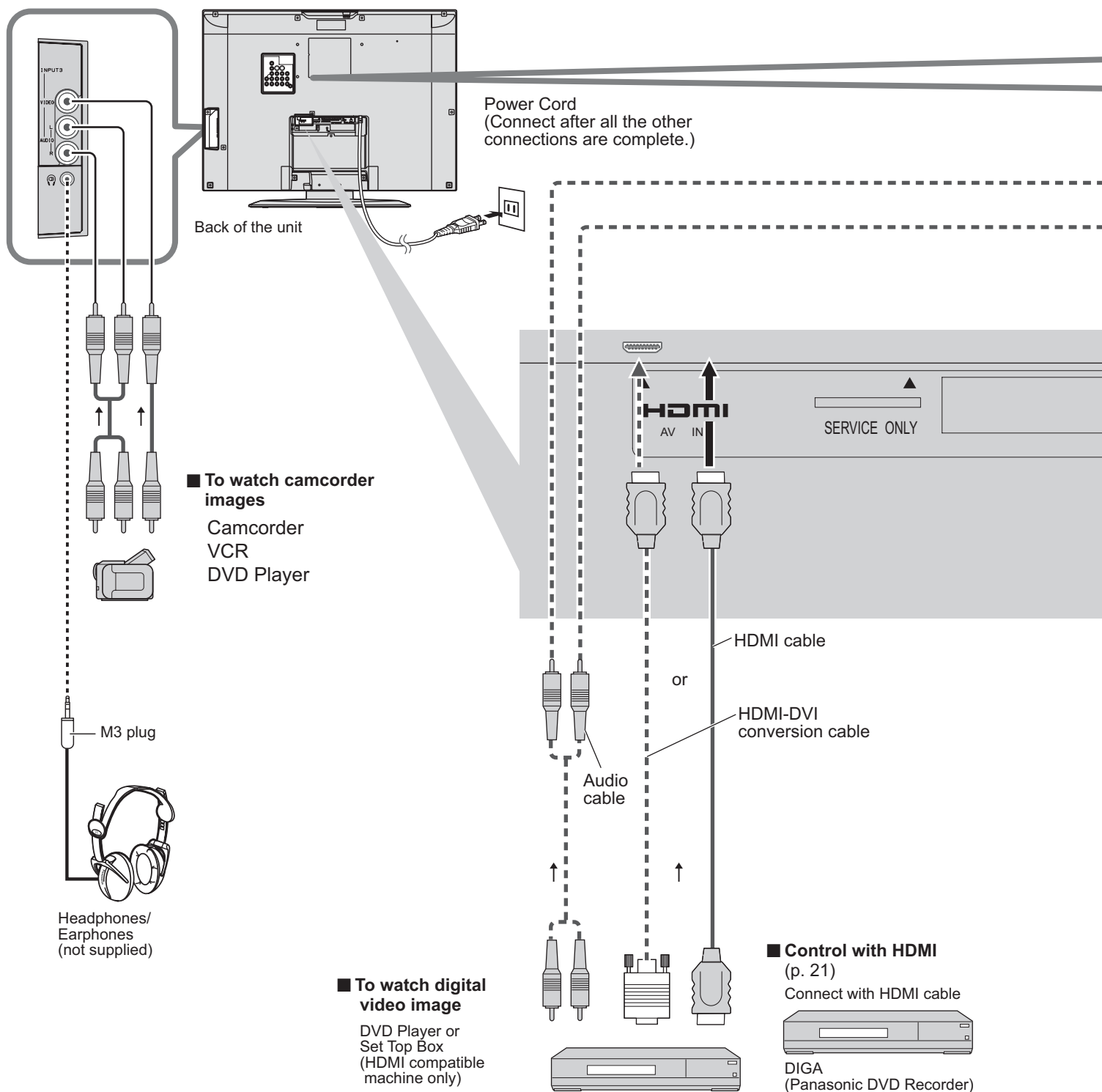


Recommended AV Connections

These diagrams show our recommendations for how to connect the TV unit to your various equipment. For other connections, consult the instructions of each equipment and the specifications (p. 44).

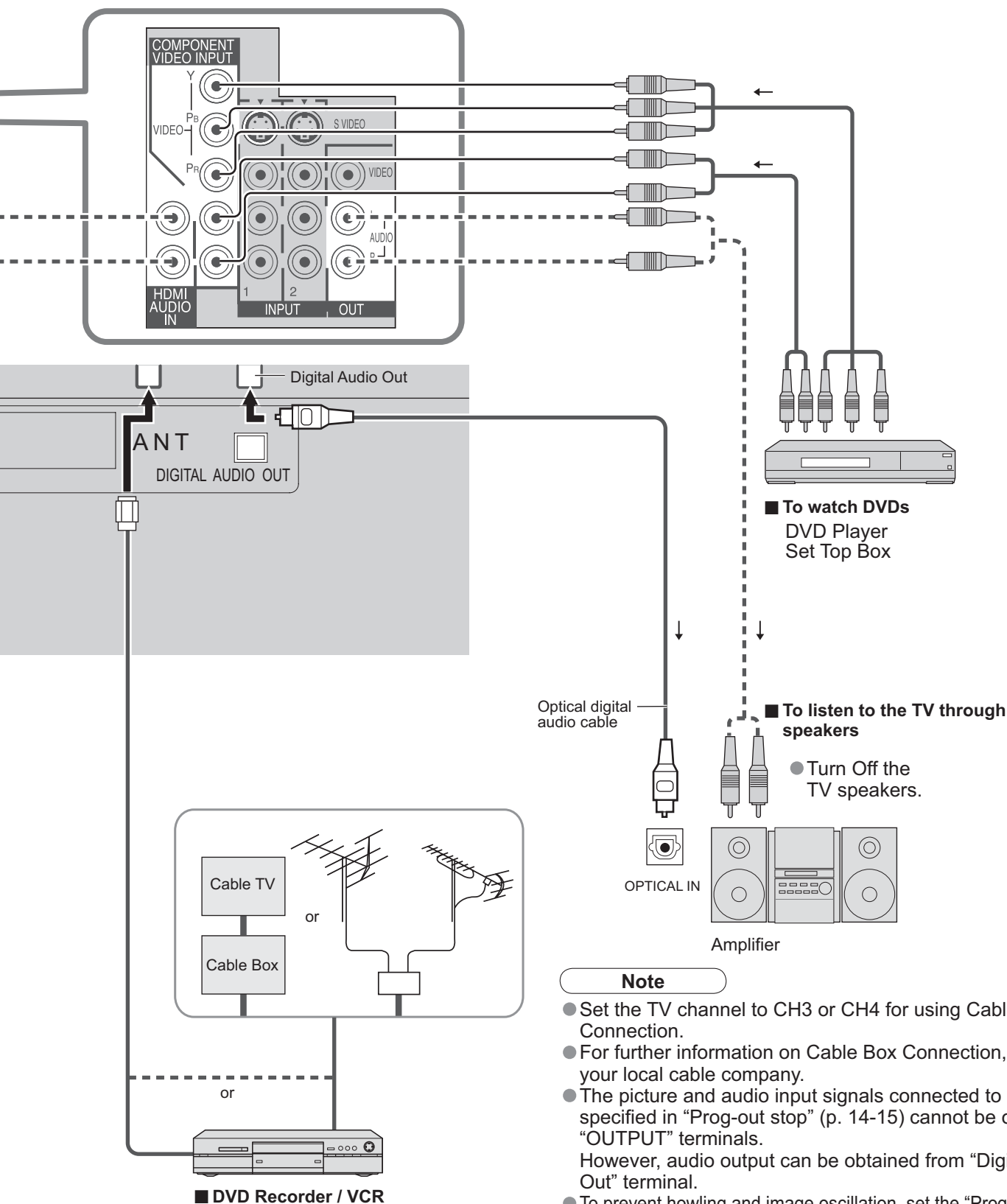
For additional assistance, please visit our website at: www.panasonic.com

www.panasonic.ca



Note

- Individual HDMI equipment may require additional menu settings specific to each model. Please refer to their respective operating instruction manuals.

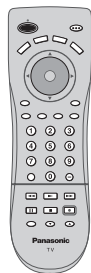


Accesorios/Opción

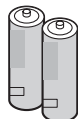
☒ Compruebe que ha recibido todos los elementos que se indican.

Accesorios

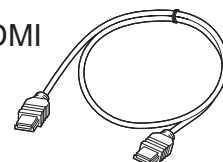
☐ Transmisor de mando a distancia
● EUR7613ZG0



☐ Pilas para el transmisor de mando a distancia (2)
● Pila AA



☐ Cable HDMI



(para TC-26LE60 y TC-32LE60)

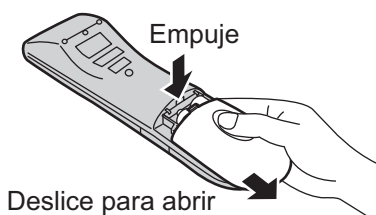
☐ Manual de instrucciones

☐ Tarjeta del cliente
(para EE. UU.)

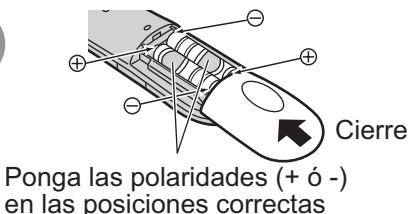
☐ Tarjeta para el plan de asistencia al cliente
(para EE. UU.)

Instalación de las pilas del mando a distancia

1



2



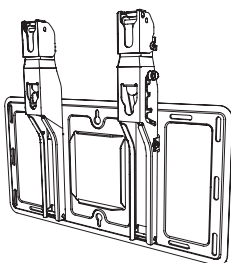
Precaución

- La instalación mal hecha puede causar fugas de electrolito y corrosión, lo que podría dañar el mando a distancia.
- No mezcle pilas viejas y nuevas.
- No mezcle pilas de tipos diferentes (pilas alcalinas y de manganeso, por ejemplo).
- No utilice baterías (Ni-Cd).
- No queme ni rompa las pilas.
- Anote los códigos de mando a distancia antes de cambiar las pilas en el caso de que tenga que restablecer los códigos. (págs. 37-38)

Accesorio opcional

Póngase en contacto con su concesionario Panasonic más cercano para adquirir la ménsula de montaje en pared recomendada. Para conocer más detalles, consulte el manual de instalación de la ménsula de montaje en pared.

Soporte para colgar en pared (vertical)
● TY-WK32LR2W

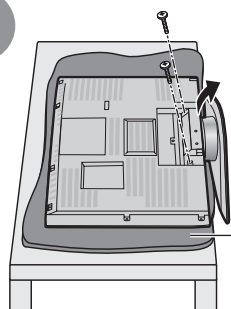


ADVERTENCIA

- No utilizar una ménsula de Panasonic ó montar la unidad usted mismo puede ser la causa de que el consumidor corra riesgos. Cualquier daño que resulte de no haber sido un instalador profesional quien montó su unidad anulará su garantía.
- Asegúrese de pedir siempre a un técnico calificado que lleve a cabo la instalación. Una instalación incorrecta podría ser la causa de que el equipo cayera, causando lesiones a personas y daños en el producto.
- No monte el televisor LCD directamente debajo de las luces del techo (luces direccionales, reflectores ó luces halógenas) que producen típicamente mucho calor. De lo contrario podrían deformarse ó dañarse las piezas de plástico de la caja.

Cómo retirar la base del televisor

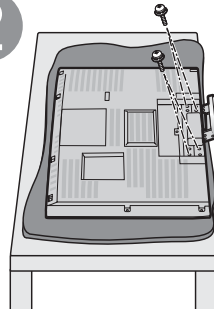
1



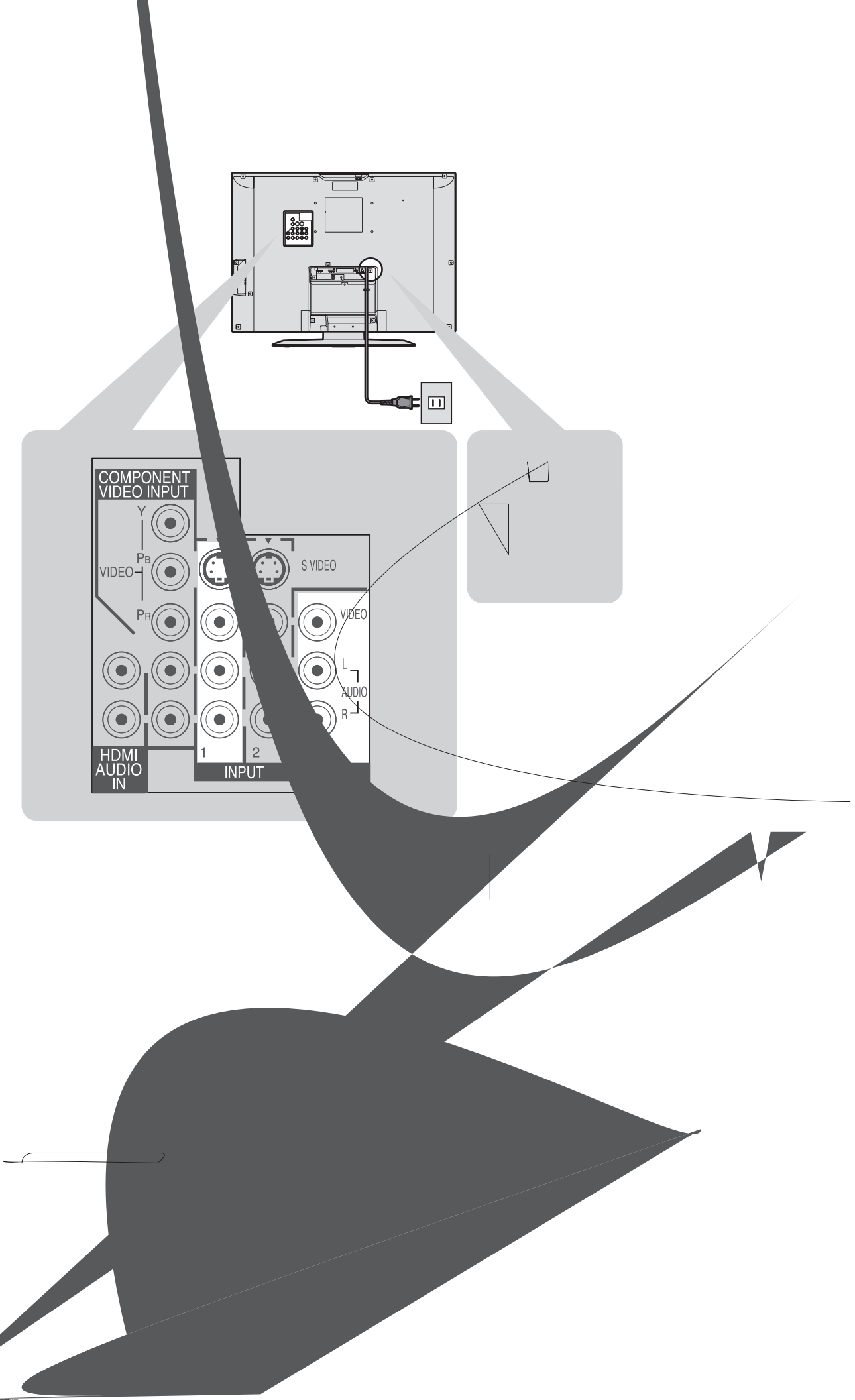
Retire dos tornillos.
Saque la parte de plástico.

Estera de espuma ó paño blando y grueso

2



Retire cuatro tornillos.
Saque la parte metálica.



Colocación del receptor

Coloque el receptor a una distancia confortable para ver. Evite colocarlo donde la luz solar directa u otra luz brillante (incluidos reflejos) caiga sobre la pantalla.

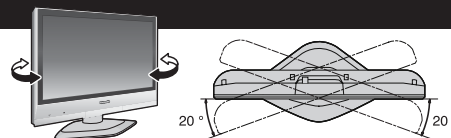
La utilización de algún tipo de iluminación fluorescente puede reducir el alcance del transmisor del mando a distancia.

La ventilación adecuada es esencial para impedir el fallo de los componentes internos. Manténgase alejado de las áreas donde el calor o la humedad sea excesivo.

Cómo utilizar la base del LCD

Ajuste el soporte con el ángulo deseado

El ángulo del soporte se puede girar 20° hacia la derecha/izquierda.



Identificación de los controles



Nota

- El televisor consumirá algo de corriente siempre que el enchufe del cable de alimentación esté introducido en la toma de corriente.

Conecta/desconecta la alimentación.

(Se utiliza cuando está activado el botón de la alimentación.)

Configura el mando a distancia para hacer la comunicación con otros dispositivos.

Volúmen
Navegaciones del menú

Selección canales en orden.
Navegaciones del menú

Visualiza el menú principal. (págs. 30-31)

Selección el modo de entrada. (pág. 32)

Visualiza ó elimina la bandera de canal.
(pág. 28)

Cambia al canal visto previamente.

Temporizador para acostarse
(MINUTOS) (pág. 28)

Cambia la relación de aspecto
(pág. 29)

Seleccione el modo de audio para ver la televisión. (pág. 28)

Selección/OK/Cambio

RETURN (para volver al menú anterior)
Salir (del menú)

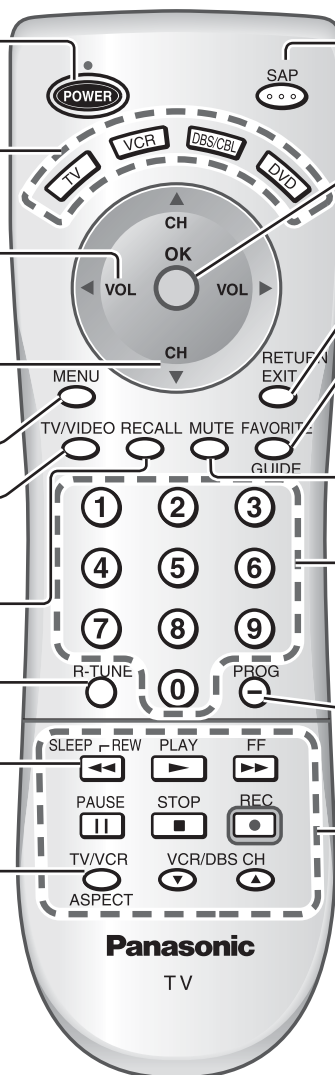
Controla la función de la lista de canales favoritos. (pág. 29)
GUÍA para DBS

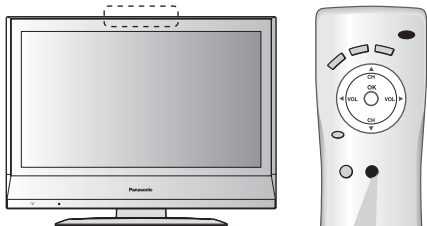
Encendido / Apagado del silenciamiento del sonido

Teclado numérico para seleccionar cualquier canal ó para hacer introducciones alfanuméricas en los menús. (pág. 28)

Acceso directo a canales para DTV y DBS (pág. 28)

Operaciones de equipos externos
(pág. 32) (Videograbadoras, DVDs, etc.)





Programa auto 

Ent. ANT  Cable 

Modo Todos

Iniciar escaneo

Ajuste inicial

Idioma

Programa auto

Idioma

Idioma

Programa auto 

Ent. ANT Cable

Modo Todos

Iniciar escaneo

Escaneando canales análogos ...

Progreso  

Editar Aceptar 	
Favoritos	Agregar
...	No
2	Si

Ajuste inicial 

Idioma

Programa auto

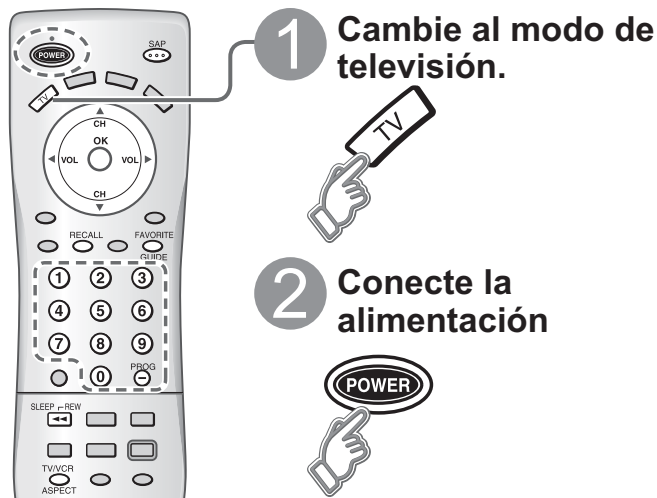
- Ajuste inicial
- Identificación de los controles

Español
[Resumen]

Para ver la televisión

Conecte el receptor de televisión por cable cuando vaya a ver televisión por cable. (pág. 25)

Conecte directamente el televisor por cable a la terminal "ANT" para recibir emisiones digitales de televisión por cable.



1 Cambie al modo de televisión.

2 Conecte la alimentación

3 Seleccione un número de canal.



■ **Para introducir directamente el número de un canal digital**

PROG Cuando se sintonicen canales digitales, presione el botón para introducir el número menor en un número de canal complejo.

Ejemplo: CH15-1: **1** **5** **PROG** **1**

■ **Otras funciones útiles** (Utilícelas después de 3)

Temporizador para acostarse

Apaga la unidad después de pasar un periodo de tiempo de 0 a 90 minutos que puede ajustarse a intervalos de 30 minutos.

SLEEP 0/30/60/90 (minutos)



Escucha con SAP (Programa de audio secundario)



■ **Seleccione el modo de audio para ver la televisión.**

● **Modo digital**

Pulse SAP para seleccionar la siguiente pista de audio (si está disponible) cuando se recibe un canal digital.

Pista de audio 1 de 1
(Ingles)

● **Modo analógico**

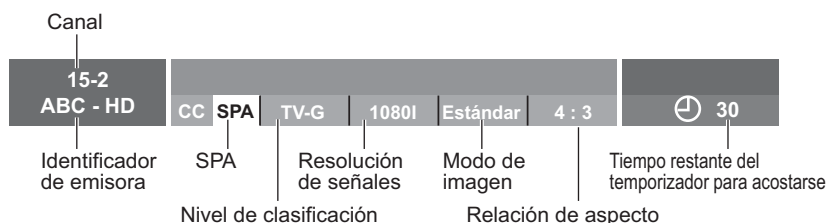
Pulse SAP para seleccionar el modo de audio como se describe a continuación.

- Cada vez que se pulsa el botón SAP, el modo de audio cambiará como se muestra a continuación. (Estereo/SPA/Mono)

Recuperación de información

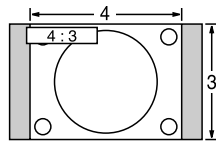


Visualice ó elimine la bandera de canales.



Cambio de la relación de aspecto

Cambie la relación de aspecto



● El modo cambia con cada pulsación.

- 480i, 480p:COMP/JUSTO/4:3/ACERC
- 1080i, 720p:COMP/H-LLENO/JUSTO/4:3

Llamada a un canal favorito



FAVORITOS

Los números de canales de Favoritos se visualizan en la pantalla de sintonización de favoritos. Seleccione la emisora deseada con el cursor ó usando las teclas de números. (vea debajo)

Nota

- Vuelva a seleccionar “Cable” ó “Antena” en “ANT In” de “Programa auto” para cambiar la recepción de la señal entre televisión por cable y antena.
- El número del canal y el nivel del volúmen se fijan incluso después de apagar el televisor.

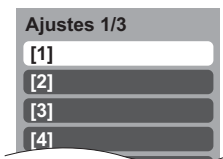
Configuración de la función de favoritos

1 Visualice el canal que va a colocar en la lista de favoritos.



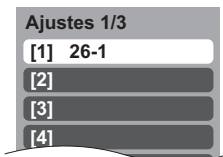
Mantenga pulsado FAVORITE durante varios segundos.

- Pulse repetidamente FAVORITE para cambiar entre las páginas (1/3, 2/3, 3/3 ó salir). Al pulsar ◀ ▶ también cambia la página.



3 **① Seleccione** Pulse ▲ ▼ para resaltar una posición en la lista. Y luego pulse OK para memorizar el canal visualizado en esa posición.

② Aceptar También puede utilizar las teclas numéricas (1-9 y 0) para seleccionar los números de lista grabados (1-9 y 0). Al hacer esto, los números se grabarán directamente sin tener que pulsar la tecla OK.



● Para eliminar un canal favorito

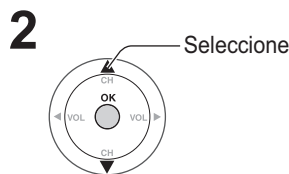
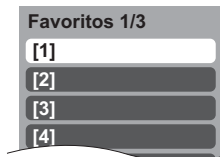
Un canal memorizado se podrá eliminar de la lista manteniendo pulsado FAVORITE mientras su posición está resaltada.

Utilización de la función de favoritos



Pulse FAVORITE.

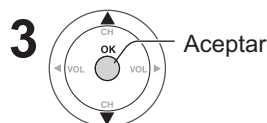
- Pulse repetidamente FAVORITE para cambiar entre las páginas (1/3, 2/3, 3/3 ó salir). Al pulsar ◀ ▶ también cambia la página.



Seleccione

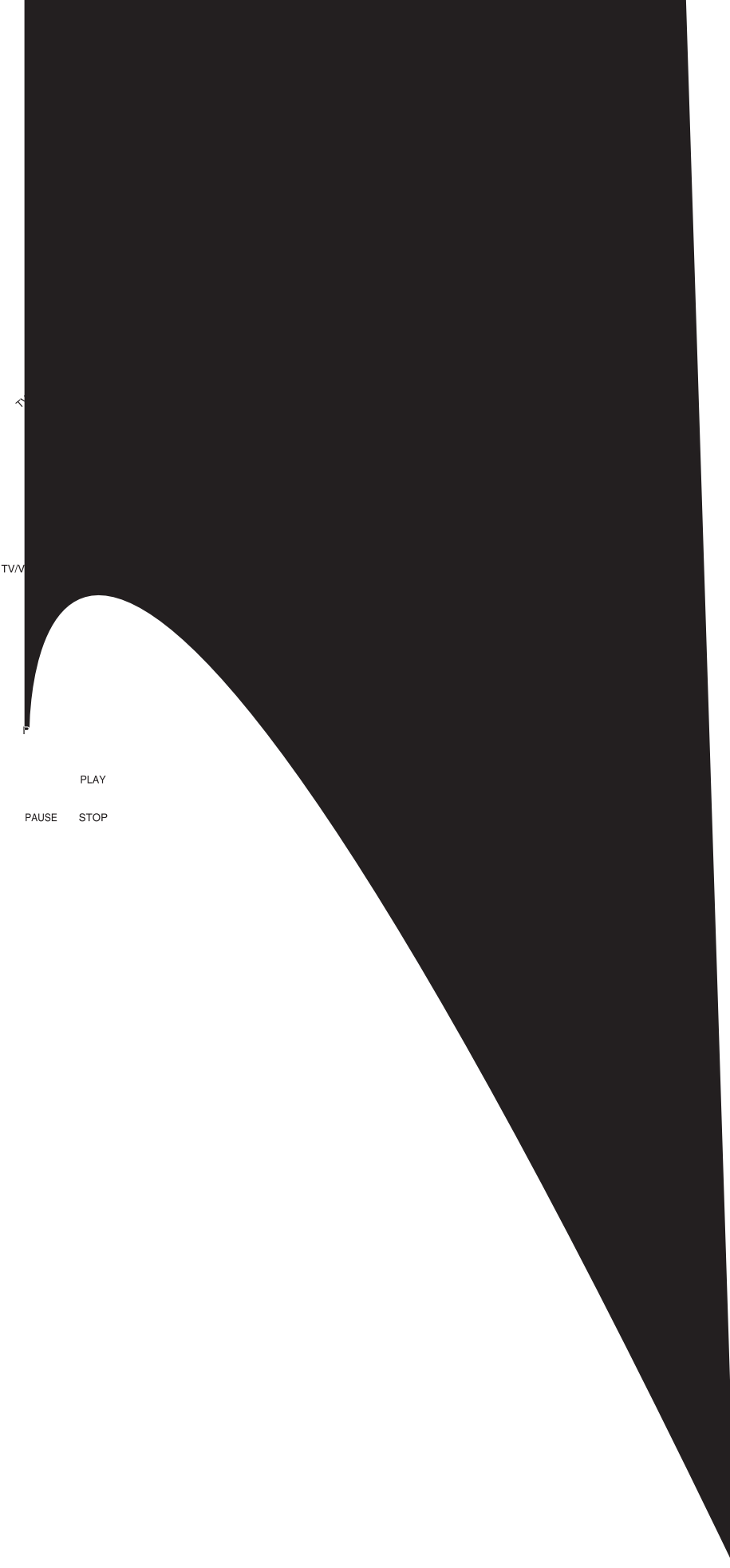
Pulse ▲ ▼ ó una tecla numerada (1-9 y 0) para resaltar un canal de la lista.

- Al seleccionar un número de canal de la lista con las teclas numeradas se visualizará directamente el canal.



Aceptar

Pulse OK para visualizar el canal resaltado.



■ Lista de menús

Menú	Elemento		
Imagen	Normal		
	Modo		
	Luz de atrás		
	Contraste, Brillo, Color, Tinte, Nitidez		
	Temp color		
	Imagen IA		
	Ajuste acerc.		
	Otros ajustes	Reduc de ruido	
		3D Y/C filtro	
		Matriz color	
		Nivel obscuro	
Audio	Normal		
	Bajos		
	Altos		
	Balance		
	Otros ajustes	Sonido IA	
		Envolvente	
		Ent. HDMI	
		Norm. de audio	
Cronómetro	Apagado		
Bloqueo			
Ajuste	Búsqueda		
	Idioma		
	Programa canal		
	Títulos de entradas		
	CC		
	Otros ajustes	Autoencendido	
		Para prog-out	
		Ctrl con HDMI	
		Econ. energía	
	Acerca de		
	Restaurar		

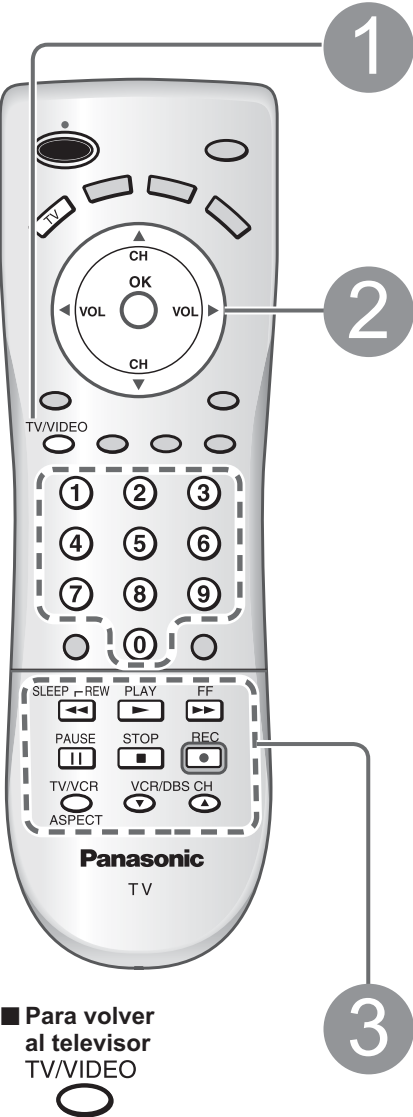
Ajustes / Configuraciones (alternativas)

Restablece la configuración del menú de imagen (excepto para "Otros ajustes").	Normal	Sí
Modo de imagen básico (Vívido/Estándar/Cinema)	Modo	Estándar
Ajusta la luminancia de la luz de fondo.	Luz de atrás	+20
Ajusta el color, el brillo, etc. para que cada modo de imagen se ajuste a sus gustos.	Contraste	+20
	Brillo	0
	Color	0
	Tinte	0
	Nitidez	0
Selecciona el nivel de los colores cálidos (rojo) y de los colores fríos (azul). (Rojo/Azul/Normal)	Temp color	Azul
Controla las áreas oscuras sin afectar al nivel del negro ni al brillo de la imagen en general. (Sí/No)	Imagen IA	Sí
Ajusta la alineación vertical y el tamaño cuando el ajuste del aspecto es "ACERC"	Ajuste acerc.	
Reduce el ruido en el canal, comúnmente llamado efecto de nieve. Permanece en No cuando se recibe una señal intensa. (Sí/No)	Reduc de ruido	No
Minimiza el ruido y la diafotía cromática en la imagen. (Sí/No)	3D Y/C filtro	No
Selecciona la resolución de la imagen de los dispositivos conectados a componentes. (SD/HD) ● SD: Visión normal HD: Visión de alta definición ● Sólo se acepta la señal 480 p, la televisión convencional (NTSC) no se está disponible.	Matriz color	SD
	Nivel oscuro	Claro
Selecciona Oscuro ó Claro dependiendo de las condiciones de la imagen. (Obscuro/Claro) Las escenas oscuras se pueden ver fácilmente. (Sólo es válido para señales de entrada externas.)		
Repone los ajustes de Bajos, Altos y Balance los ajustes predeterminados en la fábrica.	Normal	Sí
Aumenta ó disminuye la respuesta de los graves.	Bajos	+ 4
Aumenta ó disminuye la respuesta de los agudos.	Altos	0
Repone los ajustes de Bajos, Altos y Balance los ajustes predeterminados en la fábrica.	Balance	0
Iguala los niveles del sonido en todos los canales y entradas VIDEO. (Sí/No)	Sonido IA	Sí
Mejora la respuesta de audio cuando se escucha sonido estéreo. (Sí/No)	Envolvente	No
Selecciona según la señal cuando está conectado HDMI. (Auto/Digital/Análogo)	Ent. HDMI	Auto
● Auto: Selecciona automáticamente la señal analógica/digital.		
Minimiza la diferencia de volumen después de cambiar a entradas externas.	Norm. de audio	0
Apaga automáticamente el televisor después de transcurrido el periodo de tiempo preestablecido. ● 0/30/60/90 (minutos) También es posible hacer el ajuste del temporizador pulsando el botón "Sleep" del mando a distancia. (pág. 28)	Apagado	60
Bloquea canales y programas.		
Selecciona los canales que van a visualizarse cuando se pulsan los botones "canal arriba/abajo". (Fav./Todos)	Búsqueda	Todos
● Fav.: Sólo cuando se registran canales como Favoritos		
Selecciona el idioma para los menús de la pantalla. (pág. 27)	Idioma	
Establece los canales de recepción.	Programa canal	
Etiquetas de visualización de dispositivos externos	Títulos de entradas	
Visualiza subtítulos (subtítulos)	CC	
Establece cómo se va a conectar la alimentación del televisor. (Sí/No)		
Sí : Conecte la clavija del cable de alimentación al receptor de televisión por cable, etc., y controle el encendido/apagado del televisor en el equipo conectado. (El temporizador para acostarse no funcionará si está activado "Autoencendido".)		
No : Suministre alimentación desde una toma de corriente y controle el encendido/apagado del televisor en el propio televisor. (El menú "Ajuste inicial" se visualiza cuando la clavija del cable de alimentación vuelve a conectarse después de desconectarla de la toma de corriente.)	Autoencendido	No
Para impedir el aullido y la oscilación de la imagen, detenga la salida de la imagen y el sonido especificados en este menú (pág. 35). (No/Comp./HDMI/Video 1/Video 2/Video 3)	Para prog-out	No
● Comp./HDMI 1/HDMI 2 no puede dar salida a señales de vídeo independientemente del ajuste de "Para prog-out".		
Controla los equipos conectados a los terminales HDMI (pág. 33, 34) (Sí/No)	Ctrl con HDMI	Sí
Reduce el brillo de la pantalla para disminuir el consumo de energía. Para ver programas en habitaciones oscuras sin que se canse la vista. (Estándar/Ahorro)	Econ. energía	Estándar
Visualiza la versión del televisor y la licencia del software.	Acerca de	
Al realizar la reposición se cancelarán todos los elementos establecidos con Ajuste como, por ejemplo, los ajustes de canales. Utilice la reposición con cuidado.	Restaurar	

● En el modo Video, el menú Audio y el menú Ajuste ofrecen un número inferior de opciones.

Para ver vídeos y DVDs

Algunos dispositivos de Panasonic conectados al televisor pueden ser controlados con el mando a distancia.
Para controlar los productos de otros fabricantes se necesita programar el mando a distancia.

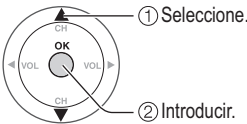


1 Con la videograbadora ó DVD encendido
Cambie a entrada externa.
Pulse para visualizar el menú de selección de entrada.
TV/VIDEO

2 Seleccione el modo de entrada.

Seleccionar entrada
[1] TV
[2] Componente
[3] HDMI
[4] Video 1
[5] Video 2
[6] Video 3
(Pantalla inicial)

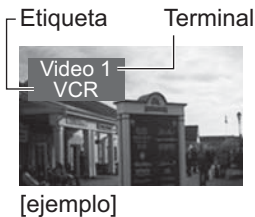
- 1 2 3
4 5 6
7 8 9
0
- ó



Pulse la tecla de número correspondiente en el mando a distancia para seleccionar la entrada de su elección.

Pulse para seleccionar la entrada de su elección y luego pulse “OK”.
● Si, durante la selección, no se realiza ninguna acción durante varios segundos, se saldrá del menú de selección de entrada.

● El terminal y la etiqueta del dispositivo conectado se indican.
Para etiquetar cada uno de los dispositivos conectados (pág. 13)

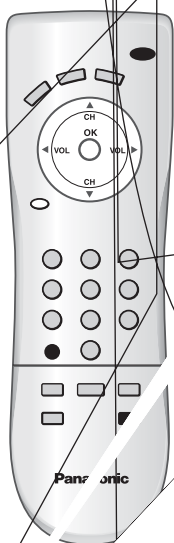


■ Para volver al televisor TV/VIDEO

3 Utilice la videograbadora ó DVD con el mando a distancia

Nota
● Para conocer detalles, vea el manual del equipo ó pregunte a su concesionario local.

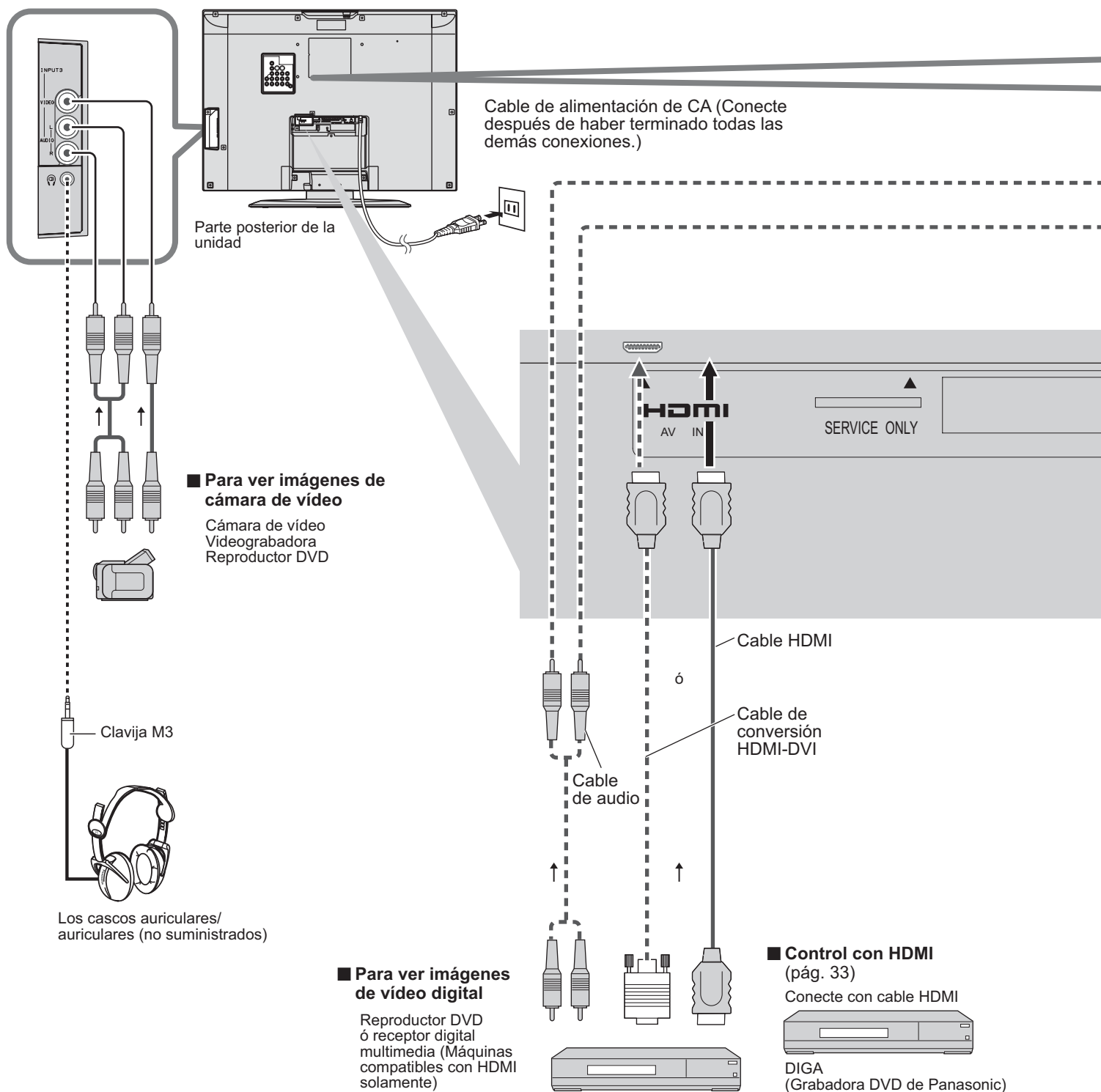
	Videograbadora	DVD
SLEEP ◀ REW FF	Retroceso/Avance rápido	Retroceso/Avance
PLAY ▶	Reproducción	Reproducción
PAUSE	Pausa	Pausa
STOP ■	Parada	Parada
REC	Grabación de videograbadora	—
TV/VCR ASPECT	Televisor/Videograbadora	Abertura/Cierre
VCR/DBS CH	Canal abajo/arriba	Retroceso/avance lento



Menü

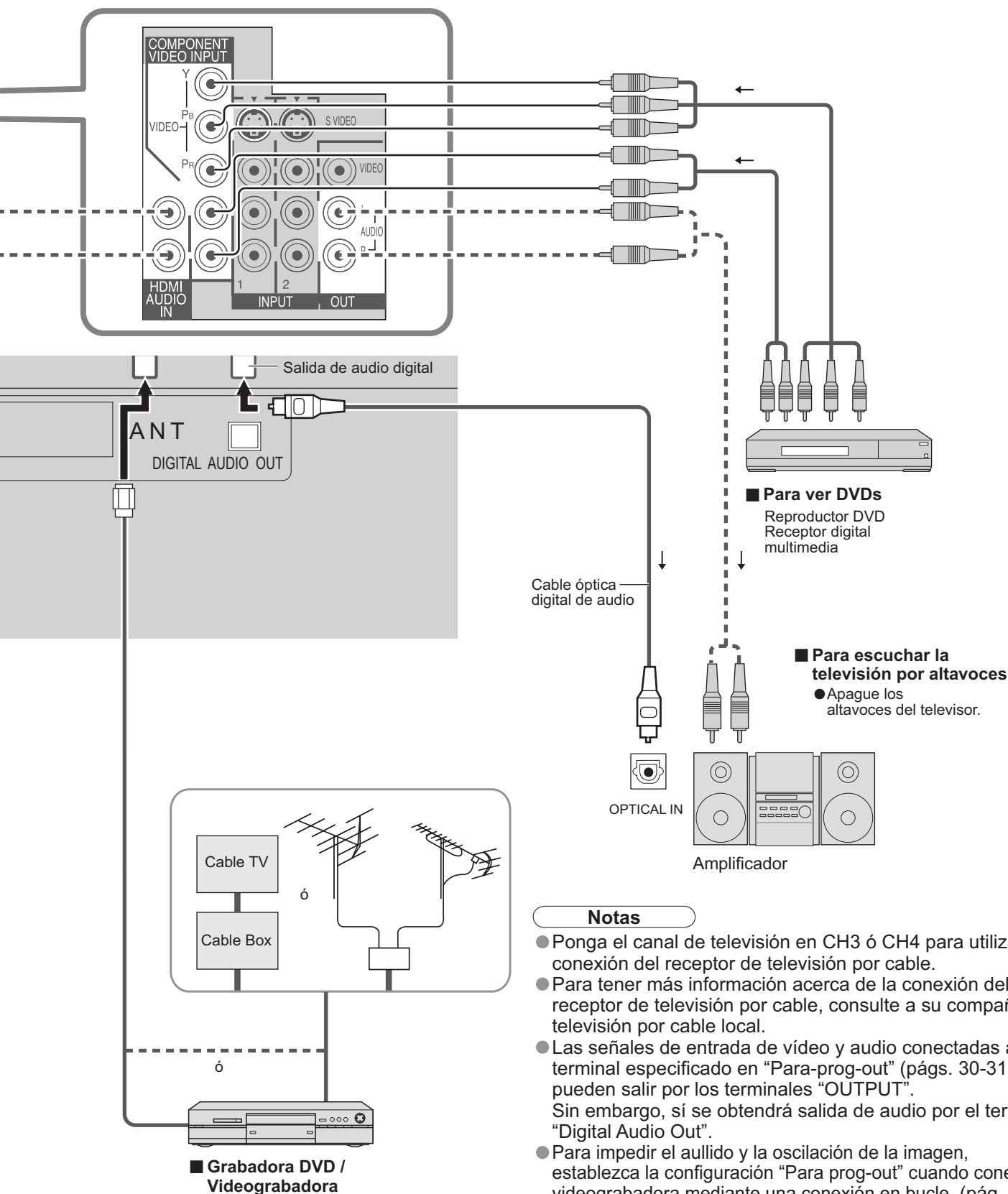
Conexiones AV recomendadas

Estos diagramas muestran nuestras recomendaciones sobre cómo conectar el televisor a varios equipos. Para hacer otras conexiones, consulte las instrucciones de cada equipo y las especificaciones (pág. 44). Para obtener ayuda adicional, visite nuestro sitio Web www.panasonic.com.



Notas

- Los equipos HDMI individuales tal vez requieran configuraciones de menú específicas adicionales para cada modelo. Consulte sus manuales de instrucciones respectivos.



Notas

- Ponga el canal de televisión en CH3 ó CH4 para utilizar la conexión del receptor de televisión por cable.
- Para tener más información acerca de la conexión del receptor de televisión por cable, consulte a su compañía de televisión por cable local.
- Las señales de entrada de vídeo y audio conectadas a un terminal especificado en "Para-prog-out" (págs. 30-31) no pueden salir por los terminales "OUTPUT". Sin embargo, sí se obtendrá salida de audio por el terminal "Digital Audio Out".
- Para impedir el aullido y la oscilación de la imagen, establezca la configuración "Para prog-out" cuando conecte la videograbadora mediante una conexión en bucle. (pág. 30)
- Cuando se conecte un equipo (STB, DVD, etc.) a los terminales HDMI ó COMPONENT sólo se podrán obtener señales de audio. No se pueden reproducir señales de vídeo.

Remote Control Operation/Code List

The following explains how to operate external equipment with the remote control.

- Register the remote control codes (p. 20) if you want to operate an external equipment of another manufacturer. (p. 37-38)

Note

- Operation may not be possible depending on the available memory size of the remote control.
This remote control is not designed to cover operation of all functions of all models.

■ Remote Control Operation List

This chart defines which keys are operational after programming (if needed), while in the selected remote control mode, DTV, CABLE, DBS, VCR, DVD.

KEY NAME	VCR MODE	DBS/CBL MODE		DVD MODE
		(DBS)	(CBL)	
	Power	Power	Power	Power
	CH 	CH Up, Cursor Up	CH Up, Cursor Up	Skip Up
	CH 	CH Down, Cursor Down	CH Down, Cursor Down	Skip Down
	 VOL	DBS Cursor Left	CBL Cursor Left	Vol Down
	VOL 	DBS Cursor Right	CBL Cursor Right	Vol Up
	—	DBS Menu	CBL Menu	—
	—	Exit	Exit	—
	TV Input Switch	TV Input Switch	TV Input Switch	TV Input Switch
	Onscreen Display	Onscreen Display	Recall	Onscreen Display
	TV Mute	TV Mute	TV Mute	TV Mute
	—	Guide	Guide	—
	—	0-9	0-9	—
	Rewind	—	—	Reverse
	Play	—	—	Play
	Fast Forward	—	—	Forward
	Pause	—	—	Pause
	Stop	—	—	Stop
	VCR Record	—	PVR Record *1	—
	TV/VCR	Aspect	Aspect	Open/Close
	Channel Down	Page Down	Page Down	Slow Reverse
	Channel Up	Page Up	Page Up	Slow Forward

*1: Combination type

Remote Control Code List

Cable Converter (DBS/CBL)

Brand	Code	Brand	Code	Brand	Code	Brand	Code
ABC	0003, 0008	Hamlin	0009, 0273	Philips	0317, 1305	Scientific Atlanta	0008, 0477, 0877, 1877
Americast	0899	Jerrold	0003, 0276, 0476, 0810	Pioneer	0144, 0533, 0877, 1877	Sony	1006
Bell South	0899	Memorex	0000	Pulsar	0000	Starcom	0003
Digeo	1187	Motorola	1376, 0276, 0476, 0810, 1187	Quasar	0000	Supercable	0276
Director	0476	Pace	0008, 0237, 1877	Regal	0273, 0279	Torx	0003
General Instrument	0003, 0276, 0476, 0810	Panasonic	0000, 0107	Runco	0000	Toshiba	0000
GoldStar	0144	Paragon	0000	Samsung	0144	Zenith	0000, 0525, 0899

Satellite Receiver (DBS/CBL)

AlphaStar	0772	General Instrument	0869	Magnavox	0722, 0724	Samsung	1108, 1109, 1142, 1276, 1377, 1442, 1609
Chaparral	0216			Memorex	0724	Sanyo	1219
Crossdigital	1109	GOI	0775, 1775	Mitsubishi	0749	Sony	0639, 1639, 1640
DirecTV	0099, 0247, 0392, 0566, 0639, 0724, 0749, 0819, 1076, 1108, 1109, 1142, 1377, 1392, 1414, 1442, 1443, 1444, 1609, 1639, 1640, 1749, 1856	Goodmans	1246	Motorola	0856, 0869	Star Choice	0869
		Hisense	1535	NEC	1270	Tivo	1142, 1442, 1443, 1444
		Hitachi	0819, 1250	Next Level	0869	Toshiba	0749, 0790, 0819, 1285, 1749
		HTS	0775, 1775	Panasonic	0152, 0247, 0701, 1786	UltimateTV	1392, 1640
		Hughes	0749, 1442, 1749	Paysat	0724	Uniden	0722, 0724
Dish Network System	0775, 1005, 1170, 1505, 1775	Hughes Network Systems	0749, 1142, 1442, 1443, 1444, 1749	Philips	0099, 0722, 0724, 0749, 0819, 1076, 1142, 1442, 1749	US Digital	1535
Dishpro	0775, 1005, 1505, 1775	iLo	1535	Pioneer	1442	USDTV	1535
Echostar	0775, 1005, 1170, 1505, 1775	Janeil	0152	Proscan	0392, 0566	Voom	0869
Expressvu	0775, 1775	Jerrold	0869	Proton	1535	Zenith	1856
GE	0392, 0566	JVC	0775, 1170, 1775	RadioShack	0869		
		LG	1226, 1414	RCA	0143, 0392, 0566, 0855, 1392		

Cable/PVR Combination (DBS/CBL)

Americast	0899	Jerrold	0476, 0810	Pioneer	0877, 1877	Supercable	0276
Digeo	1187	Motorola	0476, 0810, 1187, 1376	Scientific Atlanta	0877, 1877	Zenith	0899
General Instrument	0476, 0810	Pace	0237, 1877	Sony	1006		

DBS/PVR Combination (DBS/CBL)

DirecTV	0099, 0392, 0639, 1076, 1142, 1377, 1392, 1442, 1443, 1444, 1640	Dishpro	0775, 1505	JVC	1170	Samsung	1442
		Echostar	0775, 1170, 1505	Motorola	0869	Sony	0639, 1640
		Expressvu	0775	Philips	1142, 1442	Star Choice	0869
Dish Network System	0775, 1505	Hughes Network Systems	1142, 1442, 1443, 1444	Proscan	0392		
				RCA	1392		

VCR (VCR)

ABS	1972	Hewlett Packard	1972	NEC	0067	Scott	0043, 0045
Adventura	0000	Hitachi	0000, 0042, 0089	Nikko	0037	Sears	0000, 0035, 0037, 0042, 1237
Aiwa	0000, 0037, 0124	Howard Computers	1972	Niveus Media	1972	Sharp	0807, 0848
Akai	0175	HP	1972	Northgate	1972	Sonic Blue	0614, 0616
Alienware	1972	Hughes Network Systems	0042, 0739	Olympus	0035, 0226	Sony	0000, 0032, 0033, 0035, 0636, 1032, 1232, 1972
American High	0035	Humax	0739	Onkyo	0222	Stack 9	1972
Audiovox	0037	Hush	1972	Optimus	0037	STS	0042
Broksonic	1479	iBUYPOWER	1972	Orion	1479	Sylvania	0000, 0035, 0043, 1781
Calix	0037	JVC	0067	Panasonic	0035, 0077, 0225, 0226, 0227, 0378, 0616, 1035, 1244	Symphonic	0000
Canon	0035	KEC	0037	Penney	0035, 0037, 0042, 1035, 1237	Systemax	1972
Citizen	0037, 1278	Kenwood	0067	Pentax	0042	Tagar Systems	1972
Craig	0037	Kodak	0035, 0037	Philco	0035	Teac	0000
Curtis Mathes	0035, 0060, 1035	Linksys	1972	Philips	0035, 0618, 0739, 1081, 1181	Technics	0035
CyberPower	1972	Lloyd's	0000	Pilot	0037	Teknika	0000, 0035, 0037
Daewoo	0045, 1278	LXI	0037	Pioneer	0067	Thomas	0000
Dell	1972	Magnasonic	1278	Proscan	0060, 1060	Tivo	0618, 0636, 0739
Denon	0042	Magnavox	0000, 0035, 0039, 1781	Pulsar	0039	Toshiba	0043, 0045, 0845, 1008, 1145, 1972
DirecTV	0739	Marantz	0035	Quasar	0035, 0077, 1035	Totevision	0037
Durabrand	0039	Marta	0037	RadioShack	0000	Touch	1972
Dynatech	0000	Matsushita	0035	Radix	0037	Vector	0045
Electrohome	0037, 0043	Media Center PC	1972	Randex	0037	Video Concepts	0045
Electrohome	0037	MEI	0035	RCA	0042, 0060, 0077, 0807, 0880, 1035, 1060	Videomagic	0037
Emerex	0032	Memorex	0000, 0035, 0037, 0039, 1237	Realistic	0000, 0035, 0037	Viewsonic	1972
Emerson	0000, 0037, 0043, 1278, 1479	MGA	0043	ReplayTV	0614, 0616	Villain	0000
Fuji	0033, 0035	Microsoft	1972	Ricavision	1972	Voodoo	1972
Funai	0000	Mind	1972	Runco	0039	Wards	0000, 0035, 0042, 0060
Garrard	0000	Minolta	0042	Samsung	0045, 0739, 1014	XR-1000	0000, 0035
Gateway	1972	Mitsubishi	0043, 0067, 0807	Sanky	0039	Zenith	0000, 0033, 0039, 1479
GE	0035, 0060, 0807, 1035, 1060	Motorola	0035	Sansui	0000, 0067, 1479	ZT Group	1972
GoldStar	0037, 1237	MTC	0000	Sanyo	0159		
Gradiente	0000	Multitech	0000				
Harley Davidson	0000						

Remote Control Operation/Code List

■ Remote Control Code List

DBS/PVR Combination (VCR)

Brand	Code	Brand	Code	Brand	Code	Brand	Code
Hughes Network Systems	0739	Philips	0739				
		Samsung	0739				

PVR(VCR)

ABS	1972	Hughes Network Systems	0739	Niveus Media	1972	Systemax	1972
Alienware	1972			Northgate	1972	Tagar Systems	1972
CyberPower	1972	Humax	0739	Panasonic	0616		
Dell	1972	Hush	1972	Philips	0618, 0739	Tivo	0618, 0636, 0739
DirecTV	0739	iBUYPOWER	1972	RCA	0880	Toshiba	1008, 1972
Gateway	1972	Linksys	1972	ReplayTV	0614, 0616	Touch	1972
Hewlett Packard	1972	Media Center PC	1972	Sonic Blue	0614, 0616	Viewsonic	1972
Howard Computers	1972	Microsoft	1972	Sony	0636, 1972	Voodoo	1972
HP	1972	Mind	1972	Stack 9	1972	ZT Group	1972

DVD (DVD)

Adcom	1094	GoldStar	0741	Onkyo	0503, 0792	Sensory Science	1158
Allegro	0869	Gradiente	0490	Panasonic	0490, 0503, 0632, 0703, 1010, 1011, 1362, 1462, 1490, 1762, 1967	Sharp	0630, 0675, 0752, 1256
Apex Digital	0672, 0794, 0796, 0797, 1004, 1056, 1061, 1100	Grundig	0539			Shinsonic	0533
		Hitachi	0573, 0664	Philips	0503, 0539, 0646, 0675, 1267, 1354	Sonic Blue	0869
Aspire Digital	1168	Hiteker	0672			Sony	0533, 0864, 1033, 1431, 1533
Blue Parade	0571	Integra	0571	PianoDisc	1024	Sylvania	0675
Broksonic	0695	JVC	0558, 0623, 0867, 1164, 1275	Pioneer	0525, 0571, 0631, 0632	Symphonic	0675
California Audio Labs	0490	Kenwood	0490, 0534	Polaroid	1061, 1086	Teac	0809
CineVision	0833, 0869	Lecson	1533	Polk Audio	0539	Technics	0490, 0703
Coby	1086	LG	0591, 0741, 0801, 0869	Proceed	0672	Theta Digital	0571
CyberHome	0816, 1023, 1024, 1129	LiteOn	1158, 1440	Proscan	0522	Toshiba	0503, 0695, 1045, 1154
Daewoo	0833, 0869	Loewe	0511	RCA	0522, 0571, 0822	Urban Concepts	0503
Denon	0490	Magnavox	0503, 0539, 0646, 0675	Rio	0869	Xbox	0522
Disney	0675	Marantz	0539	Rotel	0623	Yamaha	0490, 0539, 0545
DVD2000	0521	McIntosh	1533	Sampo	0752	Zenith	0503, 0591, 0741, 0869
Emerson	0591, 0675	Memorex	0695	Samsung	0490, 0573, 0820, 1075		
Enterprise	0591	Microsoft	0522	Sansui	0695		
Funai	0675	Mitsubishi	0521, 1521	Sanyo	0695, 0873, 1967		
Gateway	1158	NAD	0591, 0741				
GE	0522	NEC	0785				
Go Video	0741, 0833, 0869, 1075, 1158, 1304, 1730						

DVD Recorder (DVD)

Apex Digital	1056	Go Video	0741, 1158, 1304, 1730	Philips	0646	Sensory Science	1158
Aspire Digital	1168	JVC	1164, 1275	Pioneer	0631	Sharp	0675
Coby	1086	LG	0741	Polaroid	1086	Sony	1033, 1431
CyberHome	1129	LiteOn	1158, 1440	RCA	0522	Sylvania	0675
Funai	0675	Magnavox	0646	Samsung	0490	Zenith	0741
Gateway	1158	Panasonic	0490, 1010, 1011				

Ratings List for Channel Lock

“V-chip” technology enables you to lock out channels or shows according to standard ratings set by the entertainment industry. (p. 17)

■ U.S. MOVIE RATINGS (MPAA)

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

■ U.S. TV PROGRAMS RATINGS (U. S. T. V)

Age-based Group	Age-based Ratings	Possible Content Selections	Description
NR (Not Rated)	TV-NR	● Viewable ● Blocked	Not Rated.
Youth	TV-Y	● Viewable ● Blocked	All children. The themes and elements in this program are specifically designed for a very young audience, including children from ages 2-6.
	TV-Y7	● FV Blocked ● Viewable ● Blocked	Directed to older children. Themes and elements in this program may include mild physical or comedic violence, or may frighten children under the age of 7.
Guidance	TV-G	● Viewable ● Blocked	General audience. It contains little or no violence, no strong language, and little or no sexual dialogue or situations.
	TV-PG	● D,L,S,V (all selected) ● Any combination of D, L, S, V	Parental guidance suggested. The program may contain infrequent coarse language, limited violence, some suggestive sexual dialogue and situations.
	TV-14	● D,L,S,V (all selected) ● Any combination of D, L, S, V	Parents strongly cautioned. This program may contain sophisticated themes, sexual content, strong language and more intense violence.
	TV-MA	● D,L,S,V (all selected) ● Any combination of L, S, V	Mature audiences only. This program may contain mature themes, profane language, graphic violence, and explicit sexual content.

FV: Fantasy/Cartoon Violence. V: Violence S: Sex L: Offensive Language D: Dialogue with sexual content.

■ CANADIAN ENGLISH RATINGS (C. E. L. R)

E	Exempt - Exempt programming includes: news, sports, documentaries and other information programming, talk shows, music videos, and variety programming.
C	Programming intended for children under age 8. No offensive language, nudity or sexual content.
C8+	Programming generally considered acceptable for children 8 years and over. No profanity, nudity or sexual content.
G	General programming, suitable for all audiences.
PG	Parental Guidance suggested. Some material may not be suitable for children.
14+	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.
18+	18+ years old. Programming restricted to adults. Contains constant violence or scenes of extreme violence.

■ CANADIAN FRENCH RATINGS (C. F. L. R)

E	Exempt - Exempt programming.
G	General - Programming intended for audience of all ages. Contains no violence, or the violence content is minimal or is depicted appropriately.
8 ans+	8+ General - Not recommended for young children. Programming intended for a broad audience but contains light or occasional violence. Adult supervision recommended.
13 ans+	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.
16 ans+	Programming may not be suitable for children under the age of 16 - Contains frequent scenes of violence or intense violence.
18 ans+	Programming restricted to adults. Contains constant violence or scenes of extreme violence.

H-FILL



DIGITAL AUDIO OUT terminals

You can enjoy your home theater by connecting a Dolby Digital (5.1 channel) decoder and “Multi Channel” amplifier to the DIGITAL AUDIO OUT terminals.

Caution

- Depending on your DVD player and DVD-Audio software the copyright protection function may operate and disable optical output.
- External speakers cannot be connected directly to OUTPUT terminals.
- When ATSC channel is selected, the output from the DIGITAL AUDIO OUT jack will be Dolby Digital. When NTSC channel is selected, the output will be PCM.

Control with HDMI “HDAVI Control™”

HDMI connections to some Panasonic equipment allow you to enjoy easy playback.

- Setup the equipment to enable this function. Read the manual of the equipment.
- Switch the TV unit on again with the equipment on when connection or setup is changed.
- This function may not work normally depending on the equipment condition.
- The equipment can be operated by TV's remote control with this function on even if TV is in Standby mode.
- Image or sound may not be available for the first few seconds when the playback starts.
- Image or sound may not be available for the first few seconds when Input mode is switched.

HDMI connection

HDMI (high-definition multimedia interface) allows you to enjoy high-definition digital images and high-quality sound by connecting the TV unit and the equipment.

HDMI-compatible equipment (*1) with an HDMI or DVI output terminal, such as a set-top box or a DVD player, can be connected to the HDMI connector using an HDMI compliant (fully wired) cable.

- HDMI is the world's first complete digital consumer AV interface complying with a non-compression standard.
- If the external equipment has only a DVI output, connect to the HDMI terminal via a DVI to HDMI adapter cable (*2).
- When the DVI to HDMI adapter cable is used, connect the audio cable to the audio input terminal.
- Audio settings can be made on the “HDMI in” menu screen. (p. 14-15)

Applicable audio signal sampling frequencies (L.PCM): 48 kHz, 44.1 kHz, 32 kHz

(*1): The HDMI logo is displayed on an HDMI-compliant equipment.

(*2): Enquire at your local digital equipment retailer shop.

Caution

- Use with a PC is not assumed.
- All signals are reformatted before being displayed on the screen.
- If the connected equipment has an aspect adjustment function, set the aspect ratio to “16:9”.
- This HDMI connector is “type A”.
- Equipment having no digital output terminal may be connected to the input terminal of either “COMPONENT”, “S VIDEO”, or “VIDEO” to receive analog signals.
- The HDMI input terminal can be used with only the following image signals: 480i, 480p, 720p and 1080i
- Match the output setting of the digital equipment.
- For details of the applicable HDMI signals, see below.

Input signals that can be displayed

* Mark: Applicable input signal for Component (Y, Pb, Pr) and HDMI

	horizontal frequency (kHz)	vertical frequency (Hz)	COMPONENT	HDMI
525 (480) / 60i	15.73	59.94	*	*
525 (480) / 60p	31.47	59.94	*	*
750 (720) / 60p	45.00	59.94	*	*
1,125 (1,080) / 60i	33.75	59.94	*	*

Note

- Signals other than those shown above may not be displayed properly.
- The above signals are reformatted for optimal viewing on your display.

Pic. mode

- Vivid (default) : Provides enhanced picture contrast and sharpness for viewing in a well-lit room.
- Standard : Recommended for normal viewing conditions with subdued room lighting.
- Cinema : For watching movies in a darkened room. It provides a soft, film-like picture.

Maintenance

First, unplug the Power cord plug from the wall outlet.

Display panel

The front of the display panel has been specially treated. Wipe the panel surface gently using only a cleaning cloth or a soft, lint-free cloth.

- If the surface is particularly dirty, soak a soft, lint-free cloth in a weak detergent solution and then wring the cloth to remove excess liquid. Use this cloth to wipe the surface of the display panel, then wipe it evenly with a dry cloth, of the same type, until the surface is dry.
- Do not scratch or hit the surface of the panel with fingernails or other hard objects. Furthermore, avoid contact with volatile substances such as insect sprays, solvents and thinner; otherwise, the quality of the surface may be adversely affected.

Cabinet

If the cabinet becomes dirty, wipe it with a soft, dry cloth.

- If the cabinet is particularly dirty, soak the cloth in a weak detergent solution and then wring the cloth dry. Use this cloth to wipe the cabinet, and then wipe it dry with a dry cloth.
- Do not allow any detergent to come into direct contact with the surface of the LCD TV. If water droplets get inside the unit, operating problems may result.
- Avoid contact with volatile substances such as insect sprays, solvents and thinner; otherwise, the quality of the cabinet surface may be adversely affected or the coating may peel off. Furthermore, do not leave it for long periods in contact with articles made from rubber or PVC.

Power cord plug

Wipe the plug with a dry cloth at regular intervals. (Moisture and dust can lead to fire or electrical shock.)

FAQ

Before requesting service or assistance, please follow these simple guides to resolve the problem.

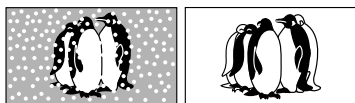
If problem still persists, please contact your local Panasonic dealer or Panasonic Servicenter for assistance. For details (p. 46, 47)

For additional assistance, please contact us via the website at:

www.panasonic.com/contactinfo

www.panasonic.ca

White spots or shadow images (noise)

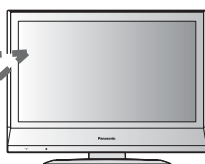


- Check the position, direction, and connection of the aerial.

Interference or frozen digital channels (intermittent sound)



- Change the direction of antenna for digital channels.
- Check "Signal meter" (p. 19). If the signal is weak, check the antenna and consult your local dealer.



Pictures from external equipment are distorted when the unit is connected via HDMI

- Is the HDMI cable connected properly? (p. 22-23, 41)
- Turn Off the TV unit and equipment, then turn them On again.
- Check an input signal from the equipment. (p. 41)
- Use a equipment compliant with EIA/CEA-861/861B.

The remote control does not work

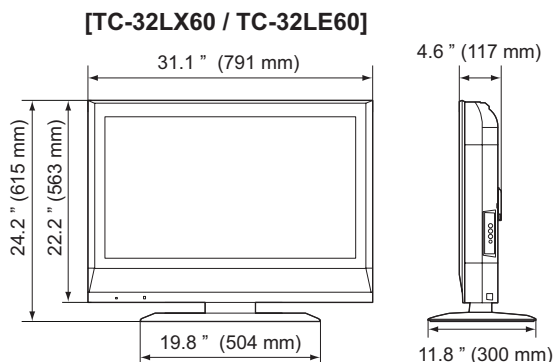
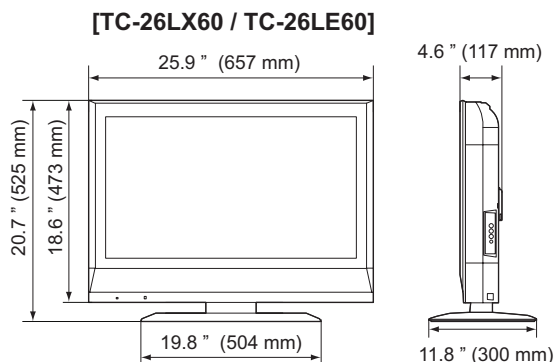
- Are the batteries installed correctly? (p. 6)
- Has the battery run down?
- To operate external equipment of other manufacturers, register the remote control codes. (p. 20, 37-38)

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 Images	 Normal Sound	● Antenna location, direction or connection.
 Interference	 Noisy Sound	● Electrical appliances. Cars / Motorcycles. Fluorescent lights.
 Normal Picture	 No Sound	● Volume level. Sound mute switched on. STEREO/SAP/MONO
 No Picture	 No Sound	● TV set to AV mode. Not plugged into wall outlet. Not switched on. Picture / Sound controls set at minimum levels.
 No color	 Normal Sound	● Color controls set at minimum levels. Weak signal.
 Poor or Distorted Picture	 Weak or No Sound	● Retune Channel (s).
 Normal Picture	 Weak, Wrong or No Sound	● Sound reception may have deteriorated. Set STEREO/SAP/MONO setting to SAP or MONO until reception improved.
Cannot operate with the remote control.		● The battery/ies is/are exhausted. The batteries' polarity is wrong. The remote control sensor is exposed to strong light from 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 in 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 fixed points of red, blue, green, or black. Please note this does not affect the performance of your LCD.
"Control with HDMI" function does not work		● Switch the TV unit on again with the equipment on. ● Set "Control with HDMI" to "Off", then set to "On" again. (p. 21)

Specifications

		TC-26LX60 / TC-26LE60	TC-32LX60 / TC-32LE60
Power Source		AC 120 V, 60 Hz	
Power Consumption	Average use	113 W	126 W
	Maximum Current	2.2 A	2.4 A
	Standby condition	0.6 W	0.6 W
	Aspect Ratio	16:9	
Visible screen size (W × H × Diagonal)		26.0 " DIAGONAL (66.1 cm DIAGONAL)	31.5 " DIAGONAL (80.0 cm DIAGONAL)
		22.7 " × 12.8 " × 26.0 " (576 mm × 324 mm × 661 mm)	27.5 " × 15.4 " × 31.5 " (698 mm × 392 mm × 800 mm)
	(No. of pixels)	1,049,088 (1,366 (W) × 768(H)) [4,098 × 768 dots]	
Sound	Speaker	2.36 " × 4.7 " (60 mm × 120 mm) Full-range × 2 pcs	
	Audio Output	20 W [10 W + 10 W] (10 % THD)	
	Headphones	M3 (3.5mm) Jack × 1	
Channel Capability ATSC/NTSC (Digital/Analog)		VHF/ UHF : 2-69, CATV:1-135	
Operating Conditions		Temperature : 41 °F -95 °F (5 °C – 35°C) Humidity : 5 % - 90 % RH (non-condensing)	
Connection Terminals	INPUT 1-2	VIDEO : RCA PIN Type × 1 1.0 V[p-p] (75 Ω) S VIDEO : Mini DIN 4-pin Y:1.0 V[p-p] (75 Ω) C:0.286 V [p-p] (75 Ω) AUDIO L - R : RCA PIN Type × 2 0.5 V [rms]	
	INPUT 3	VIDEO : RCA PIN Type × 1 1.0 V [p-p] (75 Ω) AUDIO L - R : RCA PIN Type × 2 0.5 V [rms]	
	COMPONENT VIDEO INPUT	Y : 1.0 V [p-p] (including synchronization) PB, PR : ±0.35 V [p-p] AUDIO L-R : RCA PIN Type × 2 0.5 V [rms]	
	HDMI AUDIO IN	TYPE A Connector × 1 AUDIO L - R : RCA PIN Type × 2 0.5 V [rms]	
	OUTPUT	VIDEO : RCA PIN Type × 1 1.0 V [p-p] (75 Ω) AUDIO L - R : RCA PIN Type × 2 0.5 V [rms]	
	DIGITAL AUDIO OUT	PCM / Dolby Digital, Fiber Optic	
FEATURES		3D Y/C Digital Comb Filter, CLOSED CAPTION, V-Chip HDMI Vesa compatible	
Dimensions (W × H × D)	Including TV stand	25.9 " × 20.7 " × 11.8 " (657 mm × 525 mm × 300 mm)	31.1 " × 24.2 " × 11.8 " (791 mm × 615 mm × 300 mm)
	TV Set only	25.9 " × 18.6 " × 4.6 " (657 mm × 473 mm × 117 mm)	31.1 " × 22.2 " × 4.6 " (791 mm × 563 mm × 117 mm)
Weight		36.4 lb. (16.5 kg) NET	43.0 lb. (19.5 kg) NET



Note

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

Limited Warranty (for U.S.A.)

PANASONIC CONSUMER ELECTRONICS COMPANY,
DIVISION OF:
PANASONIC CORPORATION OF NORTH AMERICA
One Panasonic Way
Secaucus, New Jersey 07094

PANASONIC SALES COMPANY,
DIVISION OF:
PANASONIC PUERTO RICO, INC.
Ave. 65 de Infanteria, Km. 9.5
San Gabriel Industrial Park
Carolina, Puerto Rico 00985

Panasonic LCD Televisions Limited Warranty

Limited Warranty Coverage

If your product does not work properly because of a defect in materials or workmanship, Panasonic Consumer Electronics Company or Panasonic Sales Company (collectively referred to as "the warrantor") will, for the length of the period indicated on the chart below, which starts with the date of original purchase ("warranty period"), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.

LCD TV CATEGORIES	PARTS	LABOR	SERVICE
Up to 20" (diagonal)	1 (ONE) YEAR	1 (ONE) YEAR	Carry-In or Mail-in
21" (diagonal) and larger			In Home or Carry-in / Mail in

During the "Labor" warranty period there will be no charge for labor. During the "Parts" warranty period, there will be no charge for parts. You must carry-in or mail-in your product during the warranty period. If non-rechargeable batteries are included, they are not warranted. This warranty only applies to products purchased and serviced in the United States or Puerto Rico. This warranty is extended only to the original purchaser of a new product which was not sold "as is". A purchase receipt or other proof of the original purchase date is required for warranty service.

In-Home or Carry-in Service

For In-Home or Carry-In Service in the United States call 1-800-211-PANA(7262) or visit the Panasonic web Site: <http://www.panasonic.com>.

For assistance in Puerto Rico call Panasonic Sales Company (787)-750-4300 or fax (787)-768- 2910.

In-Home service requires clear, complete and easy access to the product by the authorized servicer and does not include removal or re-installation of an installed product. It is possible that certain in-home repairs will not be completed in-home, but will require that the product, or parts of the product, be removed for shop diagnosis and/or repair and then returned.

Limited Warranty Limits And Exclusions

This warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage, nor does it cover markings or retained images on the LCD panel resulting from viewing fixed images (including, among other things, letterbox pictures on standard 4:3 screen TV's, or non-expanded standard 4:3 pictures on wide screen TV's, or onscreen data in a stationary and fixed location). The warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accidents, misuse, abuse, neglect, bug infestation, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or commercial use (such as in a hotel, office, restaurant, or other business), rental use of the product, service by anyone other than a Factory Servicenter or other Authorized Servicer, or damage that is attributable to acts of God.

THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE". THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, or travel to and from the servicer. The items listed are not exclusive, but are for illustration only.) **ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.**

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the exclusions may not apply to you.

This warranty gives you specific legal rights and you may also have others rights which vary from state to state. If a problem with this product develops during or after the warranty period, you may contact your dealer or Servicenter. If the problem is not handled to your satisfaction, then write to the warrantor's Consumer Affairs Department at the addresses listed for the warrantor.

PARTS AND SERVICE (INCLUDING COST OF AN IN-HOME SERVICE CALL, WHERE APPLICABLE) WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY ARE YOUR RESPONSIBILITY.

Customer Services Directory (for U.S.A.)

Customer Services Directory

Obtain Product Information and Operating Assistance; locate your nearest Dealer or Servicenter; purchase Parts and Accessories; or make Customer Service and Literature requests by visiting our Web Site at:

<http://www.panasonic.com/consumersupport>

or, contact us via the web at:

<http://www.panasonic.com/contactinfo>

You may also contact us directly at:

1-800-211-PANA (7262)

Monday-Friday 9 am-9 pm; Saturday-Sunday 10 am-7 pm, EST.

■ For hearing or speech impaired TTY users, TTY : 1-877-833-8855

Accessory Purchases

Purchase Parts, Accessories and Instruction Books on line for all Panasonic Products by visiting our Web Site at:

<http://www.pasc.panasonic.com>

or, send your request by E-mail to:

npcparts@us.panasonic.com

You may also contact us directly at:

1-800-332-5368 (Phone) 1-800-237-9080 (Fax Only) (Monday - Friday 9 am to 8 pm, EST.)

Panasonic Services Company

20421 84th Avenue South,

Kent, WA 98032

(We Accept Visa, MasterCard, Discover Card, American Express, and Personal Checks)

■ For hearing or speech impaired TTY users, TTY : 1-866-605-1277

Service in Puerto Rico

Panasonic Puerto Rico, Inc.

Ave. 65 de Infantería, Km. 9.5, San Gabriel Industrial Park,

Carolina, Puerto Rico 00985

Phone (787)750-4300, Fax (787)768-2910

Limited Warranty (for Canada)

Panasonic Canada Inc.

PANASONIC PRODUCT - LIMITED WARRANTY

Panasonic Canada Inc. warrants this product to be free from defects in material and workmanship and agrees to remedy any such defect for a period as stated below from the date of original purchase.

Plasma TV / Monitor	In-home service	One (1) year, parts (including Plasma Panel) and labour.
LCD TV (26 in & over)	In-home service	One (1) year, parts (including LCD Panel) and labour.
LCD TV (25 in & under)	Carry-in service only	One (1) year, parts (including LCD Panel) and labour.

In-home Service will be carried out only to locations accessible by roads and within 50 km of an authorized Panasonic service facility.

LIMITATIONS AND EXCLUSIONS

This warranty does not apply to products purchased outside Canada or to any product which has been improperly installed, subjected to usage for which the product was not designed, misused or abused, damaged during shipping, or which has been altered or repaired in any way that affects the reliability or detracts from the performance, nor does it cover any product which is used commercially. Dry cell batteries are also excluded from coverage under this warranty.

This warranty is extended to the original end user purchaser only. A purchase receipt or other proof of date of original purchase is required before warranty service is performed.

THIS EXPRESS, LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL PANASONIC CANADA INC. BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES.

In certain instances, some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, or the exclusion of implied warranties, so the above limitations and exclusions may not be applicable.

In-home service requires clear, complete and easy access to the product by the Authorized Servicentre and does not include removal or re-installation of an installed product. If removal is required to service the product, it will be at the discretion of the Servicentre and in no event will Panasonic Canada Inc. or the Servicentre be liable for any special, indirect or consequential damages.

WARRANTY SERVICE

For product operation and information assistance, please contact:

Our Customer Care Centre:	Telephone #:	(905) 624-5505
	1-800 #:	1-800-561-5505
	Fax #:	(905) 238-2360
	Email link:	"Customer support" on www.panasonic.ca

FOR PRODUCT REPAIRS, please locate your nearest Authorized Servicentre at www.panasonic.ca :

Link: "Servicentres™ locator" under "Customer support"

IF YOU SHIP THE PRODUCT TO A SERVICENTRE

Carefully pack and send prepaid, adequately insured and preferably in the original carton.
Include details of the defect claimed, and proof of date of original purchase.

Customer's Record

The model number and serial number of this product can be found on its back cover. 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 _____

Anotación del cliente

El modelo y el número de serie de este producto se encuentran en su panel posterior. Deberá anotarlos en el espacio provisto a continuación y guardar este manual, más el recibo de su compra, como prueba permanente de su adquisición, para que le sirva de ayuda al identificarlo en el caso de que le sea sustraído o lo pierda, y también para disponer de los servicios que le ofrece la garantía.

Modelo _____

Número de serie _____

**Panasonic Consumer Electronics
Company,
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of North America**
One Panasonic Way, Secaucus
New Jersey 07094 U.S.A.

**Panasonic Puerto Rico Inc.
("PSC")**
Ave. 65 de Infantería, Km 9.5
San Gabriel Industrial Park,
Carolina, Puerto Rico 00985

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5770 Ambler Drive
Mississauga, Ontario
L4W 2T3 CANADA