

Trinitron Color TV

Operating Instructions _____

GB

- Before operating the unit, please read this manual thoroughly and retain it for future reference.

WEGA

KV-HG29

M64K
M60
M50



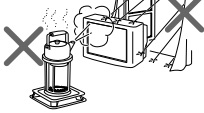
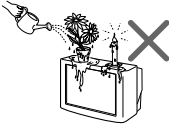
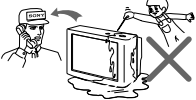

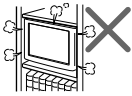
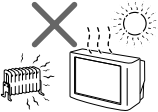

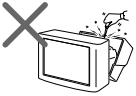
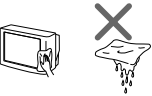
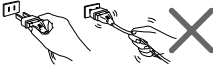
A Specifications

	KV-HG29M64K KV-HG29M60 KV-HG29M50	Note
Power requirements	110-240 V AC, 50/60 Hz	
Power consumption (W)	Indicated on the rear of the TV	
Television system	B/G, I, D/K, M	
Color system	PAL, PAL 60, SECAM, NTSC3.58, NTSC4.43	
Stereo/Bilingual system	NICAM Stereo/Bilingual B/G, I, D/K; A2 Stereo/Bilingual B/G	KV-HG29M64K/ HG29M60 only
Channel coverage		
B/G	VHF : E2 to E12 /UHF : E21 to E69 / CATV : S01 to S03, S1 to S41	
I	UHF : B21 to B68 /CATV : S01 to S03, S1 to S41	
D/K	VHF : C1 to C12, R1 to R12 / UHF : C13 to C57, R21 to R60 / CATV : S01 to S03, S1 to S41, Z1 to Z39	
M	VHF : A2 to A13 /UHF : A14 to A79 / CATV : A-8 to A-2, A to W+4, W+6 to W+84	
Antenna	75-ohm external terminal	
Audio output (Speaker)	6 W + 6 W	
Number of terminal		
Video	Input: 2 Output: 1 Phono jacks; 1 Vp-p, 75 ohms	
Audio	Input: 3 Output: 1 Phono jacks; 500 mVrms	
Component Video	Input: 1 Phono jacks; Y: 1 Vp-p, 75 ohms, sync negative C _B : 0.7 Vp-p, 75 ohms C _R : 0.7 Vp-p, 75 ohms	
MIC (Microphone)	Input: 2 Large jack	KV-HG29M64K only
Headphone	Output: 1 Stereo minijack	
FM Radio	FM Stereo / Mono	KV-HG29M64K/ HG29M60 only
	FM Mono	KV-HG29M50 only
Tuning Range	87.5 - 108.0 MHz	
Intermediate Frequency	10.7 MHz	
Picture tube	29 in.	
Tube size (cm)	72	Measured diagonally
Screen size (cm)	68	Measured diagonally
Dimensions (w/h/d, mm)	801 × 590 × 506	
Mass (kg)	46	

Design and specifications are subject to change without notice.

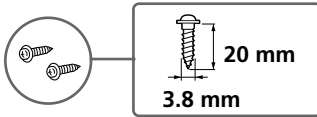
B WARNING

- Dangerously high voltages are present inside the TV.
- TV operating voltage: 110 – 240 V AC.
- Do not plug in the power cord until you have completed making all other connections; otherwise a minimum leakage current might flow through the antenna and other terminals to ground.
- To avoid battery leakage and damage to the remote, remove the batteries from the remote if you are not going to use it for several days. If any liquid leaks from the batteries and touches your skin, immediately wash it away with water.

 <p>For your own safety, do not touch any part of the TV, the power cord and the antenna cable during lightning storms.</p>	 <p>For children's safety, do not leave children alone with the TV. Do not allow children to climb onto it.</p>	 <p>To prevent fire or shock hazard, do not expose the TV to rain or moisture.</p>
 <p>Do not place any objects on the TV. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.</p>	 <p>Do not operate the TV if any liquid or solid object falls into it. Have it checked immediately by qualified personnel only.</p>	 <p>Install the TV on a stable TV stand and floor which can support the TV set weight. Ensure that the TV stand surface is flat and its area is larger than the bottom area of the TV.</p>
 <p>Do not block the ventilation openings of the TV. Do not install the TV in a confined space, such as a bookcase or built-in cabinet.</p>	 <p>Your TV is recommended for home use only. Do not use the TV in any vehicle or where it may be subject to excessive dust, heat, moisture or vibrations.</p>	 <p>Do not plug in too many appliances to the same power socket. Do not damage the power cord.</p>
 <p>Do not open the cabinet and the rear cover of the TV as high voltages and other hazards are present inside the TV. Refer servicing and disposal of the TV to qualified personnel.</p>	 <p>Clean the TV with a dry and soft cloth. Do not use benzine, thinner, or any other chemicals to clean the TV. Do not attach anything (e.g., adhesive tape, cellophane tape, glue) on the painted cabinet of the TV. Do not scratch the picture tube.</p>	 <p>Pull the power cord out by the plug. Do not pull the power cord itself. Even if your TV is turned off, it is still connected to the AC power source (mains) as long as the power cord is plugged in. Unplug the TV before moving it or if you are not going to use it for several days.</p>

C Securing the TV

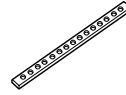
To prevent the TV from falling, use the supplied screws, clamps and band to secure the TV.



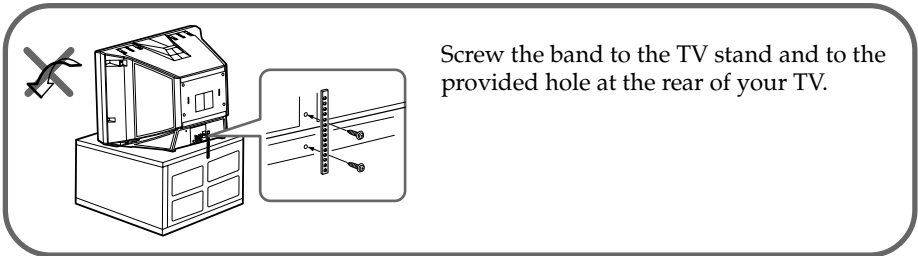
screws



clamps

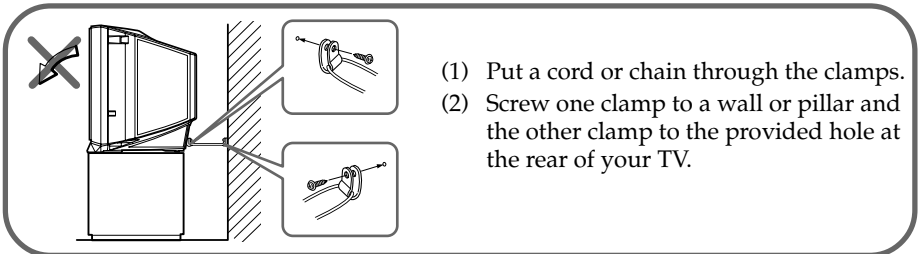


band



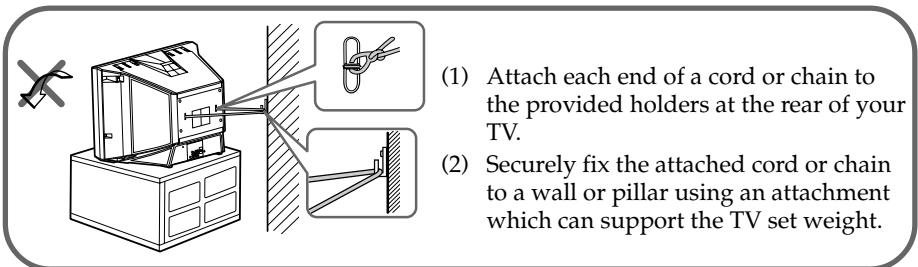
Screw the band to the TV stand and to the provided hole at the rear of your TV.

or



- (1) Put a cord or chain through the clamps.
- (2) Screw one clamp to a wall or pillar and the other clamp to the provided hole at the rear of your TV.

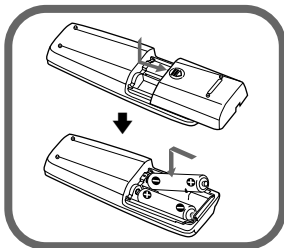
or



- (1) Attach each end of a cord or chain to the provided holders at the rear of your TV.
- (2) Securely fix the attached cord or chain to a wall or pillar using an attachment which can support the TV set weight.

 • Use only the supplied screws. Use of other screws may damage the TV.

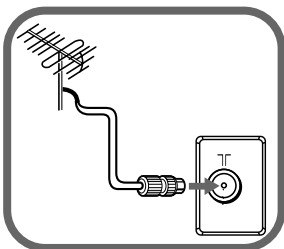
D Getting Started



Step 1


Insert the batteries (supplied) into the remote.

: • Do not use old or different types of batteries together.

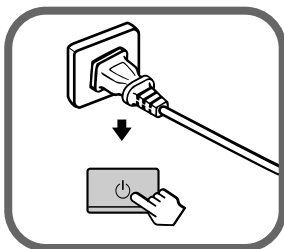


Step 2

Connect the antenna cable (not supplied) to Υ (antenna input) at the rear of the TV.


: • Your TV can receive both TV and FM radio signals from the appropriate connections through the Υ (antenna input) terminal (see **F**).

• You can also connect your TV to other optional components (see **F**).



Step 3

Plug in the power cord, then press ⏻ on the TV to turn it on.

: • The ⏻ (standby) indicator flashes green for a few seconds when turning on the TV. This does not indicate a malfunction.



Step 4

Set up the TV by following the instructions of the "Initial Setup" menu (see **E**).

Setting up your TV (“Initial Setup”)

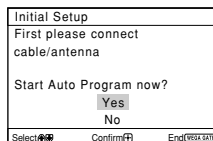
When you turn on your TV for the first time, the “Initial Setup” menu will appear. You can adjust settings below using the buttons on the remote control or TV front panel. Press **↑**, **↓**, **←** or **→** to select or adjust items, then press **↵**.

- 1** Select the desired menu language.

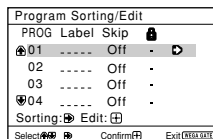


- 2** Select “Yes” to preset the channels automatically.

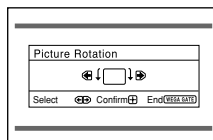
To skip automatic channel presetting, select “No”.



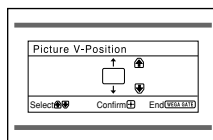
- 3** The “Program Sorting/Edit” menu enables you to sort and edit the channels (see **M**).



- 4** Adjust the bars on the top and bottom of the menu if they are slanted.

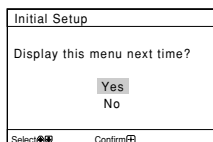



- 5** Adjust the upper and lower bars if they are not equally positioned to the top and bottom of the screen.



- 6** To prevent this “Initial Setup” menu from appearing again when you turn on the TV by pressing **⏻**, select “No”.

To allow this menu to appear again, select “Yes”.

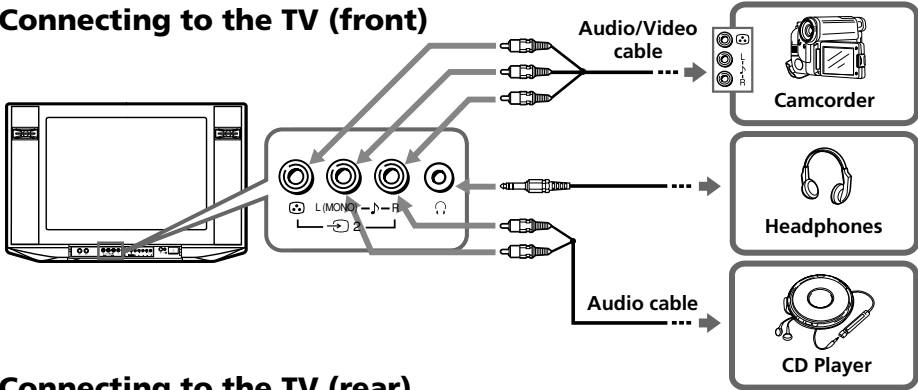


: • You can immediately go to the end of the “Initial Setup” menu by pressing **WEGA GATE**.

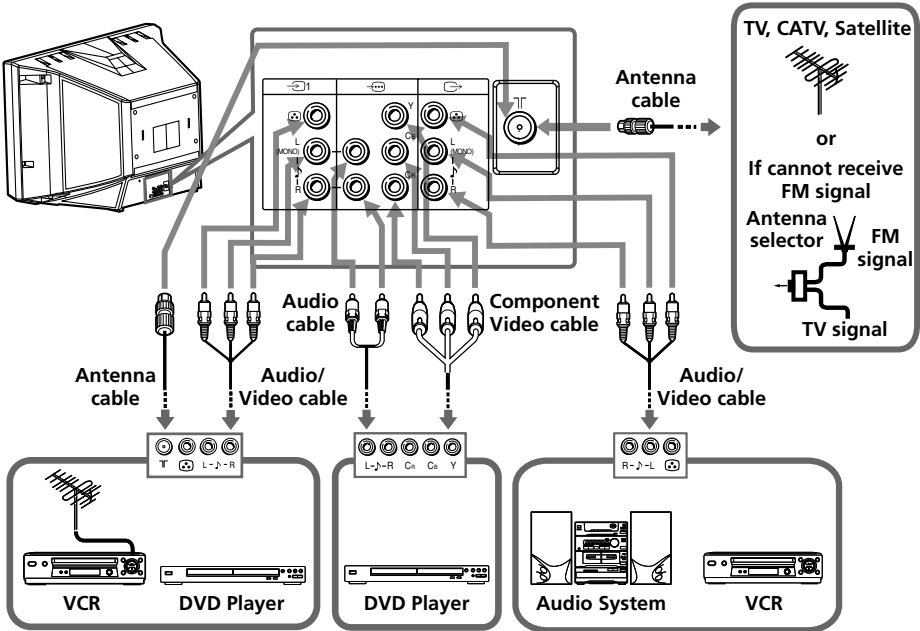
F Connecting optional components

You can connect a wide range of optional components to your TV. Connecting cables are not supplied.

Connecting to the TV (front)

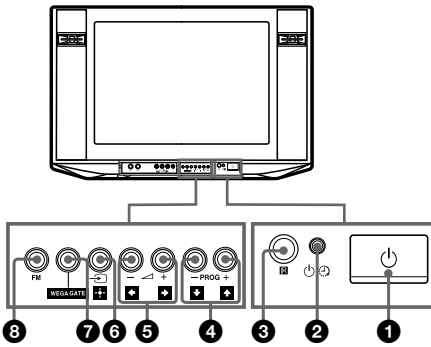


Connecting to the TV (rear)



- If you connect a VCR to T (antenna input), preset the signal output from the VCR to the program number 0 on the TV (see M).
- If your DVD player can output interlace and progressive mode signals, select the interlace output when connecting to (component video input) on your TV. Your TV can receive either 525i/60Hz or 625i/50Hz interlace signals.
- The component video terminals on your DVD player are sometimes labeled Y/C_B/C_R, Y/P_B/P_R, Y/C_b/C_r or Y/B-Y/R-Y.
- If you select "DVD" on your TV screen, the signal from the (monitor output) terminals will not be output properly. This does not indicate a malfunction.

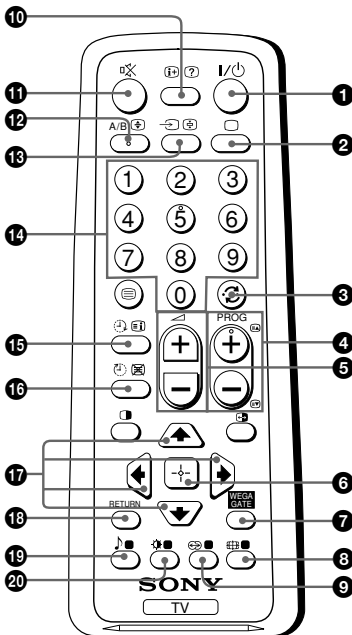
G TV buttons and remote control



- 1 Turn off or turn on the TV.
- 2 Wake Up indicator.
- 2 Standby indicator.
- 3 Remote control sensor.
- 4 Select program number.
- 5 Adjust volume.
- 6 Select TV or video input.

WEGA GATE menu operations (see **I**)

- 4, 5 Select or adjust items.
- 6 Confirm selected items.
- 7 Display or cancel WEGA GATE menu.
- 8 Listen to FM Radio (see **Q**).



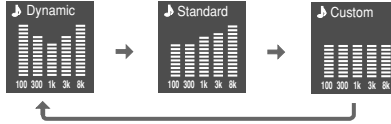
- 1 Turn off temporarily or turn on the TV.
- 2 Display the TV program.
- 3 Jump to last program number that has been watched for at least five seconds.
- 4 Select program number. To select quickly, press and hold until the desired program number appears.
- 5 Adjust volume.
- 6 Change the picture size: "On" (16:9 wide mode), "Off".
- 7 Select surround mode options (see **K**).
- 8 Display on-screen information. Display Dynamic 5-Band Visualizer (KV-HG29M64K only) (see **O**).
- 9 Display on-screen information. Display Dynamic 5-Band Visualizer (KV-HG29M64K only) (see **O**).
- 10 Display on-screen information. Display Dynamic 5-Band Visualizer (KV-HG29M64K only) (see **O**).
- 11 Mute the sound.
- 12 Select stereo/bilingual mode: (KV-HG29M64K/HG29M60 only)

Broadcasting	Display (selected sound)
NICAM stereo	NICAM (stereo), Mono (regular)
NICAM bilingual	NICAM Main (main), NICAM Sub (sub), Mono (regular)
NICAM monaural	NICAM Main (main), Mono (regular)
A2 stereo	Stereo (stereo), Mono (regular)
A2 bilingual	Main (main), Sub (sub)

• If the stereo sound is noisy when receiving a stereo program, select "Mono". The sound becomes monaural, but the noise is reduced.

TV buttons and remote control (continued)

- 13 Select TV or video input.
- 14 0-9 Input numbers. For program numbers 10 and above, enter the second digit within two seconds.
- 19 Select sound mode options with a 5-Band Graphic Equalizer display: "Dynamic", "Standard", "Custom"* (see **K**).



- * When the "Custom" mode is selected, you can receive the last adjusted sound settings from the "Sound Adjustment" option in the menu.
- 20 Select picture mode options: "Vivid", "Standard", "Custom"* (see **J**).
 - * When the "Custom" mode is selected, you can receive the last adjusted picture settings from the "Picture Adjustment" option in the menu.

WEGA GATE menu operations (see **I**)

- 6 Confirm selected items.
- 7 WEGA GATE Display or cancel WEGA GATE menu.
- 17 Select or adjust items.
- 18 RETURN Return to the previous level.

Timer operations





- 15 Set TV to turn on automatically according to the desired period of time (Wake Up Timer) (max. of 12 hours). The indicator on TV lights up amber once you set the wake up timer. If no buttons or controls are pressed for more than three hours after the TV is turned on using the wake up timer, the TV automatically goes into standby mode.
- 16 Set TV to turn off automatically according to the desired period of time (Sleep Timer) (max. of one hour and 30 min.).










Teletext operations (green icon)

- Not function for your TV.
-
- (red, green, yellow, blue)

TV buttons and remote control (continued)

PIP (Picture-in-Picture) operations (KV-HG29M64K only)

-  Display a sub screen to view two different TV programs or video input at the same time.
To cancel the sub screen, press the button again.
-  Change a program number in the sub screen.
-  Swap pictures between the main and sub screens.
-  Swap sound between the main and sub screens. A “🎵” symbol will appear next to the program number or video input display to indicate which screen you are hearing.

- :
- **1** You can select your desired TV program or video input from WEGA GATE menu using PIP.
 - **2** Press WEGA GATE and select “TV” or “External Inputs”, then press .
 - **3** Press  or  until the desired program or video input appears on the sub screen, then press  (or ) to display the sub screen program in full screen.
 - You cannot swap pictures or sound when using PIP by selecting “TV” or “External Inputs” in WEGA GATE menu.
 - You can only enjoy stereo sound from the main screen.
 - You cannot change the picture to a video input in the sub screen when using  (PIP). You can only display a video input, in the sub screen by swapping the picture when a video input is displayed in the main screen.
 - The picture and sound from the  (monitor output) terminals will always be from the main screen, even when you select the sound from sub screen by swapping the sound. But this is exceptional in Party Mode where the sound from the  (monitor output) terminals will be from the sub screen if the sub screen sound is selected.

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BBE
DIGITAL

Troubleshooting

If you find any problem while viewing your TV, you can either use the “Factory Settings” function (see **N**) or check the Troubleshooting guide below. If the problem persists, contact your Sony dealer.

Snowy picture, noisy sound

- Check the antenna setup and other connections.
- Preset the channel manually again (see **M**).
- Set the “Signal Booster” to “Auto” (see **M**) or try using an external booster.

Distorted picture, noisy sound

- Set the “Signal Booster” to “Off” (see **M**), or turn off or disconnect any external booster in use.

Good picture, noisy sound

- Select the appropriate “TV System” (see **M**).
- Sub screen sound is selected when PIP is displayed. Press **□** or **◀** (KV-HG29M64K only) (see **G**).

No picture, no sound

- Check the power cord, antenna setup and other connections.
- Press **I/⏻** (power) to turn on the TV.
- Press **⏻** (main power) on the TV to turn off the TV for about five seconds, then turn it on again.

Good picture, no sound

- Press **↵** + to increase the volume level or press **⏻** to cancel the muting.
- Sub screen sound is selected when PIP is displayed. Press **□** or **◀** (KV-HG29M64K only) (see **G**).

No sound or inappropriate sound (KV-HG29M64K only)

- Set the “Audio Input Fix” to “Off” (see **P**).

Dotted lines or stripes

- Do not use a hair dryer or other equipment near the TV.
- Check the antenna setup.

Double images or “ghosts”

- Use the fine tuning (“Fine”) function (see **M**).
- Check the antenna setup or use a highly directional antenna.
- Turn off or disconnect any external booster in use.

No color

- Adjust the “Color” level from “Picture Adjustment” (see **J**).
- Select the appropriate “Color System” (see **N**).
- Check the antenna setup.

Picture slant

- Keep external speakers or other electrical equipment away from the TV.
- Adjust the “Picture Rotation” or “Picture V-Position” (see **N**).

Abnormal color patches

- Keep external speakers or other equipment away from the TV. Do not move the TV while the TV is turned on. Press **⏻** (main power) on the TV to turn off the TV for about 15 minutes, then turn it on again to demagnetize the TV.

TV cannot receive stereo broadcast sound or stereo broadcast sound switches on and off or is distorted (KV-HG29M64K/HG29M60 only).

- Check the antenna setup and other connections.

Troubleshooting (continued)

TV cannot receive FM radio station.

- Connect a separate FM antenna and the TV channel source through an antenna selector (switch) to your TV (see **F**).

The ⏻ (standby) indicator on your TV flashes red several times after every three seconds.

- Count the number of times the ⏻ (standby) indicator flashes. Press ⏻ on the TV to turn it off, disconnect the AC power cord and inform your dealer or Sony service center of how the indicator flashes (duration and interval).

The TV screen sometimes goes blank for slightly longer than usual during channel change.

- The “Signal Booster” is functioning to detect a weak signal. This does not indicate a malfunction.

TV cabinet creaks.

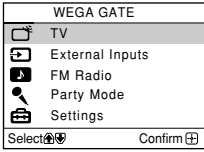
- Changes in room temperature sometimes make the TV cabinet expand or contract, causing a noise. This does not indicate a malfunction.

A small “boom” sound is heard when the TV is turned on.

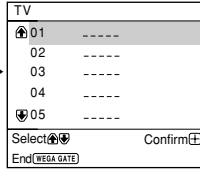
- The TV’s demagnetizing function is working. This does not indicate a malfunction.

WEGA GATE navigator

WEGA GATE is a gateway that allows you access to preset TV channels, connected external inputs, FM Radio mode, Party Mode and "Settings" menu.

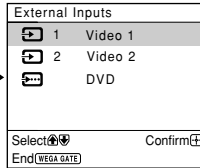


"TV"



watch the preset TV channels directly (see **E**) or select the TV program from sub screen using PIP (KV-HG29M64K only) (see **G**)

"External Inputs"



select the inputs for the connected equipment (see **F**)

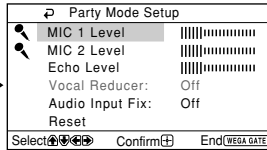
"FM Radio"



listen to the FM Radio (see **Q**)

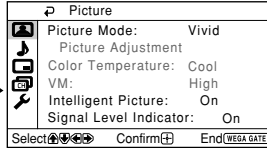
* This feature is only available for KV-HG29M64K/ HG29M60.

"Party Mode"



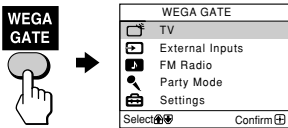
adjust your TV for Party Mode (KV-HG29M64K only) (see **P**)

"Settings"

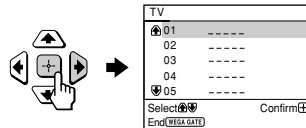


change the settings of your TV (see **J, K, L, M, N**)

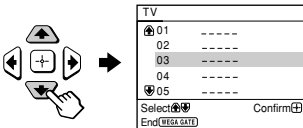
How to use WEGA GATE



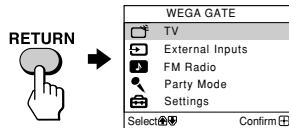
(1) Press WEGA GATE to display or cancel the WEGA GATE menu.



(2) Press **→** (or **↔**) to confirm your selection or go to the next level.




(3) Press **↑** or **↓** to select the desired item.

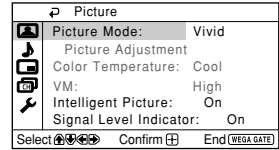











(4) Press RETURN to move to the previous level.

- When a feature is dimmed in the menu, it is not selectable.
- The WEGA GATE, **↔** and **↑, ↓, ←, →** buttons on the front panel can also be used for the operations above.

J "Picture" setting

Press WEGA GATE and select "Settings".
 Make sure the "Picture" icon (👤) is selected,
 then press .



"Picture Mode"	Choose either "Vivid" (bright, contrast and sharp), "Standard" (normal) or "Custom".
"Color Temperature"	Adjust white color tint. Choose either "Cool" (blue tint), "Neutral" (neutral tint) or "Warm" (red tint).
"VM" (Velocity Modulation)	Sharpen the edges of each object. Choose either "High", "Low" or "Off".
"Intelligent Picture"	Optimize picture quality. Press  or  to select "On", then press  . To cancel, select "Off", then press  .
"Signal Level Indicator"	Display the signal level when the "Intelligent Picture" is functioning. "Intelligent Picture Signal Level" indicator will be displayed, followed by picture improvement when you change the program number or the input mode.  red amber green (weak) (average)(fair good) Press  or  to select "On", then press  . To cancel, select "Off", then press  . "Intelligent Picture" is still functioning.

* You can adjust the setting to your personal preference in the "Picture Adjustment", "Color Temperature" and "VM" options only when the "Custom" mode is selected.

“Picture” setting (continued)

Adjusting the “Picture Adjustment” items under “Custom” mode


1 Press **▲** or **▼** to select either “Picture” (contrast), “Brightness”, “Color”, “Hue” (color tones) or “Sharpness”, then press **⏏**.

Selecting “Reset” will set your TV to the factory settings.

2 Press **▲**, **▼**, **◀** or **▶** to adjust the setting of your selected item, then press **⏏**.

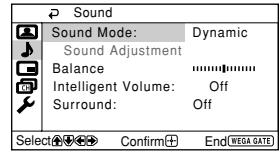
3 Repeat the above steps to adjust other items.

The adjusted settings will be received when you select “Custom”.

- :
- “Hue” can be adjusted for the NTSC color system only.
 - Reducing “Sharpness” can also reduce picture noise.


K "Sound" setting

Press WEGA GATE and select "Settings".
Press \uparrow or \downarrow to select the "Sound" icon (🔊),
then press $\left[\begin{smallmatrix} \uparrow \\ \downarrow \end{smallmatrix} \right]$.



"Sound Mode"	Choose either "Dynamic" (low and high tones), "Standard" (voice and high tones) or "Custom"*.
"Balance"	Press \downarrow or \leftarrow to emphasize the left speaker. Press \uparrow or \rightarrow to emphasize the right speaker.
"Intelligent Volume"	Adjust the volume of all program numbers and video inputs automatically. Press \uparrow or \downarrow to select "On", then press $\left[\begin{smallmatrix} \uparrow \\ \downarrow \end{smallmatrix} \right]$. To cancel, select "Off", then press $\left[\begin{smallmatrix} \uparrow \\ \downarrow \end{smallmatrix} \right]$.
"Surround"	Choose either "Movie" (cinema surround effect for stereo sound), "Sports" (simulated stadium effect for monaural sound) or "Off".

* You can adjust the setting to your personal preference in the "Sound Adjustment" option only when the "Custom" mode is selected.

: • "Intelligent Volume" is not selectable when the microphone input terminal is connected (KV-HG29M64K only).

Adjusting the "Sound Adjustment" items under "Custom" mode



The 5-Band Graphic Equalizer feature allows you to adjust sound frequency settings of "Custom" mode in the menu.

1 Make sure that "Adjust" is selected, then press $\left[\begin{smallmatrix} \uparrow \\ \downarrow \end{smallmatrix} \right]$.

Selecting "Reset" will set your TV to the factory settings.

2 Press \leftarrow or \rightarrow to select the desired sound frequency, then press \uparrow or \downarrow to adjust the setting and press $\left[\begin{smallmatrix} \uparrow \\ \downarrow \end{smallmatrix} \right]$.

The adjusted settings will be received when you select "Custom".

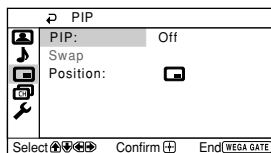
: • Adjusting higher frequency will affect higher pitched sound and adjusting lower frequency will affect lower pitched sound.
• You may display the settings directly by using the 🔊 button on the remote control (see .

Picture-in-Picture ("PIP") setting

► KV-HG29M64K only

Press WEGA GATE and select "Settings".

Press **▲** or **▼** to select the "PIP" icon (🖥️), then press **⏏**.





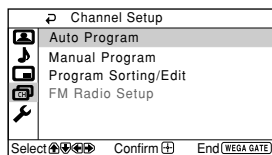
-
- | | |
|------------|---|
| "PIP" | Display a sub screen.
Press ▲ or ▼ to select "On", then press ⏏ .
To cancel, press ⏏ or select "Off", then press ⏏ . |
| <hr/> | |
| "Swap" | Exchange pictures between the main screen and sub screen. |
| <hr/> | |
| "Position" | Change the position of the sub screen.
Press ▲ or ▼ to select the desired position, then press ⏏ . |










-
- 🔗: • "PIP" is not selectable when "Audio Input Fix" from "Party Mode Setup" is not set to "Off".

M "Channel Setup" setting

Press WEGA GATE and select "Settings".
Press \uparrow or \downarrow to select the "Channel Setup"
icon () , then press .



"Auto Program"	Preset channels automatically.
"Manual Program"	Manually preset desired channels and channels that cannot be preset automatically (see Presetting channels manually).
"Program Sorting/Edit"	<p>Sort and edit the channels.</p> <p>(a) If you wish to keep the channels in the current condition, press WEGA GATE to exit.</p> <p>(b) Press \uparrow or \downarrow to select the program number with the channel you wish to change. The selected channel will appear on the screen.</p> <p>(c) If you wish to store the channels in a different order: (1) Press \rightarrow to enter sorting mode. (2) Press \uparrow or \downarrow to select the new program number position for your selected channel, then press \leftarrow.</p> <p>(d) If you wish to edit the channels, press  to change to edit mode. Press \rightarrow until the mode that you wish to edit is highlighted: Label, Skip,  (block symbol). Then press .</p> <p>(1) To label, press \uparrow or \downarrow to select the alphanumeric characters for the label. Then press .</p> <p>(2) To skip the program number, press \uparrow or \downarrow to select "On". Then press .</p> <p>You can skip this program number when using PROG +/-.</p> <p>(3) To block unwanted program number, press \uparrow or \downarrow to select . Then press .</p> <p>(e) Repeat step (b) to (d) if you wish to change other channels.</p>

Press WEGA GATE to exit.

“Channel Setup” setting (continued)

“FM Radio Setup”*

Preset up to nine FM radio stations.

You can manually preset each FM radio station that can be received in your area and then store the radio frequency of the desired FM radio stations.

- (1) Press **▲** or **▼** to select the desired FM radio station position, then press **[↵]**.
- (2) Press **▲** or **▼** (KV-HG29M64K/HG29M60 only), or press **◀** or **▶** (KV-HG29M50 only) to search the FM radio stations. Searching stops automatically when a station is tuned in (KV-HG29M64K/HG29M60 only).
If the station has a noisy sound, you may be able to improve the sound quality by pressing **◀** or **▶**.
Press **[↵]** to store the FM radio station.
- (3) You may edit the FM radio station label. Press **▲** or **▼** to select alphanumeric characters for the label, then press **[↵]**.
- (4) Repeat steps (1) through (3) to preset other FM radio stations.





* The “FM Radio Setup” feature is only available in FM Radio mode. To enable this feature, access to FM Radio mode by using WEGA GATE system (see **[I]**) or pressing the FM button on the front panel (see **[G]**), then preset your desired FM radio stations according to the steps mentioned above.

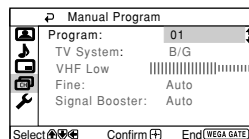
- [🔒]**:
- If you preset a blocked program number, that program number will be unblocked automatically.
 - If you sort a blocked program, that program will remain blocked.

“Channel Setup” setting (continued)


Presetting channels manually

1 After selecting “Manual Program”, select the program number to which you want to preset a channel.







- (1) Make sure “Program” is selected, then press .
- (2) Press  or  until the program number you want to preset appears on the menu, then press .














2 Select the desired channel.

- (1) Make sure either “VHF Low”, “VHF High” or “UHF” is selected, then press .
- (2) Press  or  until the desired channel’s broadcast appears on the TV screen, then press .

3 If the sound of the desired channel is abnormal, select the appropriate TV system.







- (1) Press  or  to select “TV System”, then press .
- (2) Press  or  until the sound becomes normal, then press .

4 If you are not satisfied with the picture and sound quality, you may be able to improve them by using the “Fine” tuning feature.

- (1) Press  or  to select “Fine”, then press .
- (2) Press  or  to select “Manual”, then press .
- (3) Press , ,  or  until the picture and sound quality are optimal, then press .

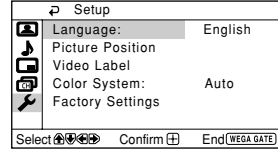
The + or – icon on the menu flashes while tuning.

5 If the TV signal is too strong (picture distorted; picture with lines; signal interference) or weak (snowy picture), you may be able to improve the picture quality by setting the “Signal Booster” feature.

- (1) Press  or  to select “Signal Booster”, then press .
 - (2) Press  or  to select either “Off” (for picture distorted; picture with lines; signal interference) or “Auto” (for snowy picture), then press .
-

N "Setup" setting

Press WEGA GATE and select "Settings".
Press \uparrow or \downarrow to select the "Setup" icon (🔧),
then press \square .



-
- "Language" Change the menu language.
Press \uparrow or \downarrow to select either "English" or "中文" (Chinese), then press \square .
-
- "Picture Position" Adjust the picture position when it is not aligned with the TV screen.
Press \uparrow or \downarrow to select "Picture Rotation" or "Picture V-Position", then press \square .
Press $\uparrow, \downarrow, \leftarrow$ or \rightarrow to adjust the picture position, then press \square .
-
- "Video Label" Label the connected equipment.
(1) Select "Video Input" and press \square . Press \uparrow or \downarrow to select the input you want to label, then press \square .
(2) Select "Label" and press \square , then press \uparrow or \downarrow to select the label options: "Video 1" / "Video 2" / "DVD", "VCR", "SAT", "Game" or "Edit"*.
* You may edit the video label to your favorite name. Press \uparrow or \downarrow to select alphanumeric characters for the label, then press \square .
-
- "Color System" Select the color system.
Press \uparrow or \downarrow to select either "Auto", "PAL", "SECAM", "NTSC3.58" or "NTSC4.43", then press \square . Normally, set this to "Auto".
-
- "Factory Settings" Reset your TV to factory settings.
Press \square and press \uparrow or \downarrow to select "Yes". Then press \square .
Your TV will go blank for a few seconds, then the "Initial Setup" menu will appear.
To cancel, select "No", then press \square .
-

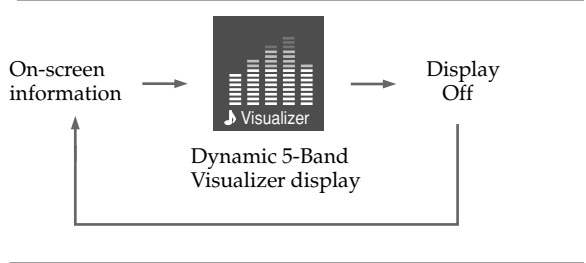
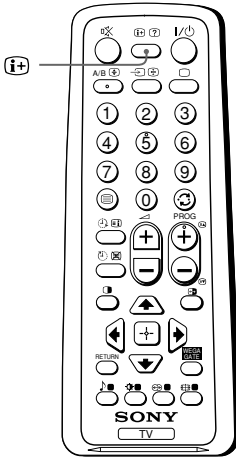
🔧: • Color system is not selectable in FM Radio mode.


Enjoying the Dynamic 5-Band Visualizer

▶ KV-HG29M64K only

The Dynamic 5-Band Visualizer enables you to visually enjoy the sound rhythm effect of the music and other sound from the TV.

Press **i+** repeatedly until the Dynamic 5-Band Visualizer display appears on the screen.

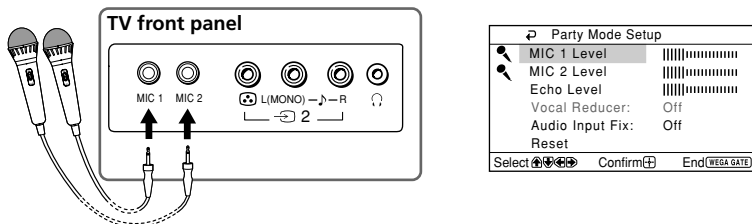


- :
- This feature is available for all TV channels, external inputs and Party Mode.
 - To enjoy the visualization effect, you must set the volume level above 0 and make sure the TV is not in mute condition.
 - Dynamic 5-Band Visualizer only represents the original sound and it is not affected by user adjustment (e.g., “Sound Mode”, “Sound Adjustment”).
 - The visualization effect may vary depending on the original sound.
 - You cannot change the position of the Dynamic 5-Band Visualizer display.

P Enjoying the Party Mode

▶ KV-HG29M64K only

You can sing duet along with any music program of TV broadcast or with any audio/video equipment or create visual presentations (e.g., photos or video stories) with narration and favorite background music by using the Party Mode feature.



1 Select the input connected to your audio/video equipment.

2 Connect the microphone (not supplied) to the microphone input terminal and switch it on.

You can begin singing or speaking from the microphone at the last TV volume setting. You can press A/B button on remote control to switch between left ("L") or right ("R") channel sound for VCD karaoke source only (either music or vocal) when video input is selected and "Audio Input Fix" is set to "Off".

3 Press WEGA GATE and select "Party Mode".

4 Select "MIC 1 Level", "MIC 2 Level" or "Echo Level", then press . Press , , or to adjust the microphone volume and echo level of the microphone sound, then press .

5 If you want to reduce the vocal of the singer or speaker, select "On" from "Vocal Reducer" and press (effective for non-karaoke stereo source and when "Audio Input Fix" is "Off" only).

6 Select "Audio Input Fix" and press , then press or to select the input connected to the audio equipment from which you want to hear the sound: "Video 1", "Video 2" or "DVD".

To revert to the original sound source, select "Off", then press .

7 Selecting "Reset" will set your TV to the factory settings (except for "Audio Input Fix").

- :
- Be sure to adjust the microphone and echo level to the minimum level before plugging in and disconnecting the microphone.
 - For your own safety, do not use or plug in the microphone during lightning storms.
 - Keep microphone away from the speakers and adjust its volume to avoid acoustic feedback (howling) and distortion.
 - Microphone volume will be affected by TV volume.
 - "Vocal Reducer" will be set to "Off" if you select "L" or "R" channel sound.

Q Listening to the FM Radio

You are able to listen to the FM radio stations using your TV by connecting an antenna (see **F**).

To access to FM Radio mode:

Press WEGA GATE button and select "FM Radio" (see **L**).

or

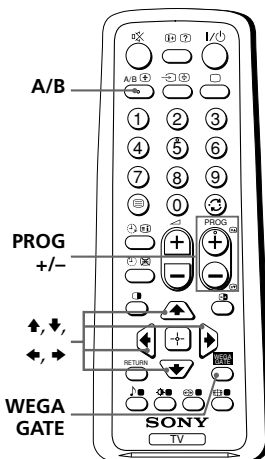
Press FM button on the front panel (see **G**).

To exit from FM Radio mode:

Press WEGA GATE button, select the desired items: "TV" or "External Inputs", then press **[Exit]**. Select the desired TV channel or external inputs and press **[Exit]**.

or

Press FM button on the front panel.



Listening to preset stations

- 1 Access to FM Radio mode.
- 2 Press WEGA GATE button and select "Settings". Preset the desired FM radio stations in "FM Radio Setup" from "Channel Setup" menu (see **M**).
- 3 Exit from "Channel Setup" menu by pressing WEGA GATE button. The selected preset FM radio station number and label will appear on the screen. To select the desired preset FM radio station, press PROG +/-.
[Note]: • You can also use the 1-9 buttons on the remote control to directly select the desired preset FM radio station.

Listening to non-preset stations

- 1 Access to FM Radio mode.
- 2 Press **▲** or **▼** (KV-HG29M64K/HG29M60 only), or press **◀** or **▶** (KV-HG29M50 only) to search for the desired FM radio station. The preset number and label will not be displayed.

[Note]: • You can only operate **▲**, **▼**, **◀** and **▶** functions using the remote control buttons in FM Radio mode.

- The available radio frequency is only for temporary listening pleasure and cannot be stored in the memory.
- If the message "Please setup FM Radio" appears, display the "Channel Setup" menu and select "FM Radio Setup" to preset the desired FM radio stations (see **M**).

- [Note]*: • If the station has a noisy sound, you may be able to improve the sound quality by pressing **◀** or **▶**.
- When a FM stereo program has static noise, press A/B until "Mono" appears. There will be no stereo effect, but the noise will be reduced (KV-HG29M64K/HG29M60 only).