

# JVC

## WIDE LCD PANEL TV INSTRUCTIONS

ENGLISH

LT-19A1



GGT0335-001A-H  
0310SCT-NF-MT

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### Safety Precautions

Thank you for buying this JVC LCD panel television.

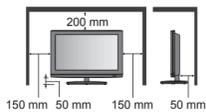
To make sure you understand how to use your new TV, please read this manual thoroughly before you begin.

- Follow this manual regarding setup!**
  - Connect only to a 110-240 V, 50/60Hz AC outlet.
- Make enough room for inserting and removing the power plug!**
  - The main power supply for this TV is controlled by inserting or removing the power plug.
- Never cut or damage the power cord!**
  - If the AC plug is not the right shape, or the power cord is not long enough, use an appropriate plug adapter or extension cable. (Consult your retailer)
- Unplug the power cord when going out!**
  - The power buttons on the remote control and the TV unit cannot completely turn off the TV. (Make appropriate arrangements for bedridden people.)
- Do not allow the TV to fall!**
  - Do not rest your elbows on, or allow children to hang from the TV.
  - There is a risk that the TV will fall and cause injuries.
  - Make use of the hole on the back of the stand to prevent the TV from falling easily.
- If the TV is damaged or behaving strangely, stop using it at once!**
  - Unplug the power cord and contact your retailer.
- Never place anything on the TV!**
  - Placing liquid, naked flames, cloths, paper, etc. on the TV may cause a fire.
- Never expose to rain or moisture!**
  - To prevent fire or electric shock, never allow liquids to enter the unit.
- Never insert objects into the cabinet openings!**
  - It may cause a fatal electric shock.
  - Take care when children are near.
- For more details on installation, usage and safety → Consult your retailer.**

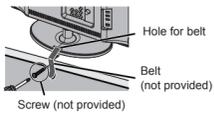
- Hold the TV so as not to scratch the screen!**
  - Do not touch the screen when carrying the TV.
- Never dismantle the rear panel!**
  - It may cause an electric shock.
- Never obstruct the ventilation holes!**
  - It may cause overheating or a fire.
- Handle LCD panel with care!**
  - Use a soft, dry cloth when cleaning.
- Never try repair the TV yourself!**
  - If the problem cannot be solved in "Troubleshooting" unplug the power cord and contact your retailer.
- If a television is not positioned in a sufficiently stable location, it can be potentially hazardous due to falling. Many injuries, particularly to children, can be avoided by talking simple precautions such as:**
  - Using cabinets or stands recommended by the manufacturer of the television.
  - Only using furniture that can safely support the television.
  - Ensuring the television is not overhanging the edge of the supporting furniture.
  - Not placing the television on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television to a suitable support.
  - Not standing the television on cloth or other materials placed between the television and supporting furniture.
  - Educating children about the dangers of climbing on furniture to reach the television or its controls.

### Care when setting

- Power requirements**
  - Connect the power cord only to a 110-240V, 50/60Hz AC outlet.
- Installation requirements**
  - To avoid overheating, ensure the unit has ample room.



- To prevent the TV from falling thread the belt through the hole on the back of the stand and secure it to the TV rack.



### Using the TV's Menu ---> Area - 2

- Picture Mode** Select the picture as you like. (Standard / Soft / Bright)
- Backlight** Darker <-> Brighter
- Picture** Lower <-> Higher
- Brightness** Darker <-> Brighter
- Detail** Softer <-> Sharper
- Color** Lighter <-> Deeper
- Tint** Reddish <-> Greenish \*Only NTSC
- White Balance** Select the white balance of the picture. (Cool / Mid / Warm)
- Features**
  - Clear SD** For clearly picture (Off / Mode-1 / Mode-2)
  - Color Management** For natural - looking pictures. (Off / On)
  - Picture Management** Fix bright / dark pictures. (Off / On)
  - Color System** Select an appropriate Color system. (Auto / PAL / SECAM / NTSC3.58 / NTSC 4.43 / PAL-M / PAL-N)
  - Zoom** Change the aspect ratio. (Auto / Regular / 14:9 Zoom / 16:9 Zoom / 16:9 Zoom Subtitle / Full)
- MTS** Select the stereo and SAP broadcasted programs. (Stereo / SAP / Mono)
- Bass** Weaker <-> Stronger
- Treble** Weaker <-> Stronger
- Surround** Ambient sound (Off / On)
- Balance** Left Stronger <-> Right Stronger
- AI Volume** Prevent sudden increase or decrease of sound. (Off / On)

- On Timer** Turns on the TV from standby mode. CH Select a channel. (02 - 69) On Timer Set a time. (00:00 - 12:00) Turns off the TV to standby mode. (Off / 10 / 20 / ...120)
- Sleep Timer** Turns off the TV to standby mode. (Off / 10 / 20 / ...120)
- Blue Back** Display a blue screen and mute the sound when the signal is weak or absent. (Off / On)
- Eco Mode** Adjust picture contrast to match your room brightness. (Off / Eco-1 / Eco-2)
- Auto Program Channel Summary** Automatically registers channels. Skip Skip the channel by . Cancel Cancel the skip channel by . ID Edit a channel name by . Channels are to be skipped cannot be selected by the CHANNEL - / + button. \* The skip can be set to all channels of Air (CH02 - CH69) and Cable (CC01 - CC125).
- Language Video-2 Setting** Select your desired on screen display language. (Video / Component)
- Closed Caption** Select the desired caption or text channel. Closed Select to view close caption or text information. (Off / CC / Text) Caption Select the desired caption. (CC1 / CC2 / CC3 / CC4) Text Select the desired text channel. (T1 / T2 / T3 / T4) \* Closed Caption is not available for component signal.
- HDMI Setting PC Setting** Setting for HDMI input. (Size / Audio) Setting for PC input. (Auto / PC Position / Phase / Pixel)

### Viewing Teletext

You can watch the Teletext broadcast channel with Text Functions.

- TV mode <-> TEXT mode
- Select a Teletext page by press number button (0-9).
  - Move up or down a page by CHANNEL +/-.
- List Mode
  - Book mark your favourite page.
  - Press number button for enter the number of page.
  - Recall your favourite page by press the colour button.
- Hold
  - Hold the current page.
  - Cancel by press this button again.
- Reveal
  - Display hidden information. example : answer to a quiz, etc.
- Size
  - Double the size of the displayed text.
- Index
  - Returns to page "100" or a previously designated page.
- Cancel
  - Leave the current page open, while you switched to watch TV.
  - Useful when running a page search.
- Sub-page
  - Display the number of Sub-page.
  - Cancel by press this button again.

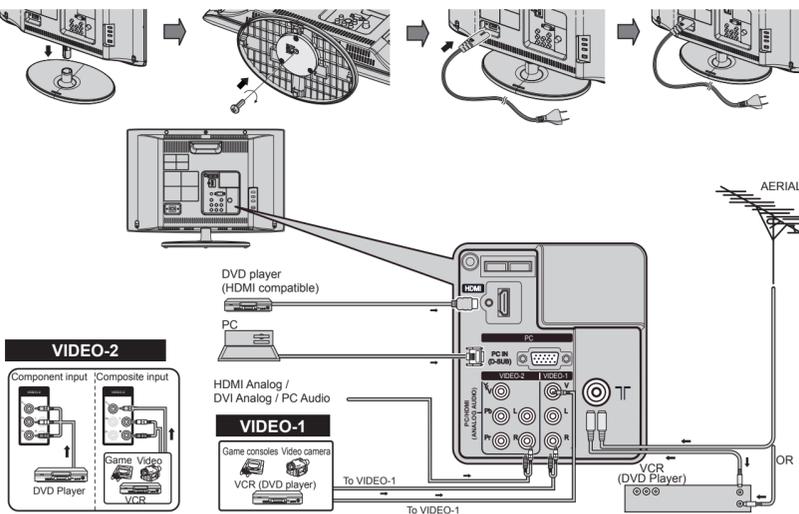
### Watching Video or DVDs

- Select the input source.
  - TV/VIDEO → AV Select
    - 0 01
    - 1 Video -1
    - 2 Video -2
    - 3 HDMI
    - 4 PC
  - 1. Select
  - 2. Set
- Operate the connected device and play video.
- Select "Set Up" Menu.
  - HDMI setting Size**
    - Setting for HDMI input. Auto / 1 / 2
    - If wrong screen size appears in 480p (525p), change to "1" or "2"
  - Audio**
    - Auto / Analogue / Digital
    - If no sound, change to "Analogue" or "Digital"
  - PC Setting Auto**
    - Automatic adjust by .
  - PC Position**
    - Adjust screen position by / .
    - And set by .
  - Phase**
    - Sets the focus of screen.
  - Pixel**
    - Adjusts the horizontal feature of screen.

### PC Signals that can be displayed

- If the signal doesn't appear, check that the vertical frequency on the PC is set to "60Hz".
- | Resolution         | 640 x 480 (VGA) / 1024 x 768 (XGA) |
|--------------------|------------------------------------|
| Vertical frequency | 60.0                               |
- \* Macintosh\* computers are not supported. (Macintosh is a registered trademark of Apple Computer, Inc.)

### Set Up and connections



### Remote control buttons and functions

- 
- Power On / Off
  - Colour buttons
  - Turn on "Clear SD"
  - Turn on "Zoom"
  - Turn on "Eco Mode"
  - To Teletext
  - Display on-screen menu
  - Operate the menu
  - To previous screen
  - Volume control / Turn off muting
  - View the Teletext
  - Change channel / Page / Hyper Scan
  - Channel information
  - Switch between TV / Video input
  - Return Plus / Return function
  - Turn the volume off / on
  - Change channel / page
- Zoom :** Change the aspect ratio
- Hyper Scan :** Press and hold . PR changes without changing the picture screen. Once you release the button, the picture of the selected PR will appear.
- Return Plus :** Return to the frequently viewed channel. Return Plus Programmed by select the frequently viewed channel then press and hold . Return Plus Canceled by press and hold .
- Return :** Return to the previously viewed channel.
- Batteries:** Insert the batteries Use two "AAA/R03" dry cell batteries. Insert the batteries from the end, making sure the and polarities are correct.
- WARNING:** Batteries shall not be exposed to excessive heat such as direct sunshine, fire or the like.

### Initial Settings

- JVC logo appears
  - The power on the unit can also be used.
- Select a language.
  - 1. Select
  - 2. Set
- Select Country Area.
  - 1. Select
  - 2. Set
  - The select the new Country Area after Initial Setting has completed. (While the cursor is pointing to Picture menu and hold for 3 seconds.)
- If you select Country Area to "Area-1"
  - 1. Select
  - 2. Set
- If you select Country Area to "Area-2"
  - 1. Select
  - 2. Set
- Select the teletext language group.
  - 1. Select
  - 2. Set
- Automatically register channels (Auto Program).
  - 1. Select
  - 2. Set
- Check what was registered.
  - If you want to edit channel, follow Edit function in Set Up menu.

### Using the TV's Menu ---> Area - 1

- Display MENU.**
  - Left/Right: Select Main menu. (Picture / Sound / Features / Set Up)
  - Up/Down: Select sub menu.
  - Left/Right: Change setting.
  - When is shown,
    - ▶ Display function setting.
    - ▲/▼ Select function.
    - Left/Right: Change setting.
  - Exit from Menu. Confirm after setting.
- Picture Mode** Select the picture as you like. (Standard / Soft / Bright) Darker <-> Brighter
- Backlight** Lower <-> Higher
- Brightness** Darker <-> Brighter
- Sharpness** Softer <-> Sharper
- Colour** Lighter <-> Deeper
- Tint** Reddish <-> Greenish \*Only NTSC
- White Balance** Select the white balance of the picture. (Cool / Mid / Warm)
- Features**
  - Clear SD** For clearly picture (Off / Mode-1 / Mode-2) For natural - looking pictures.
  - Colour Management** (Off / On) Fix bright / dark pictures.
  - Picture Management** (Off / On) Select an appropriate Colour system. (Auto / PAL / SECAM / NTSC3.58 / NTSC 4.43 / PAL-M / PAL-N)
  - Colour System** Change the aspect ratio. (Auto / Regular / 14:9 Zoom / 16:9 Zoom / 16:9 Zoom Subtitle / Full)
  - Zoom**
- Stereo / I/II** Select the stereo, mono or bilingual language. (I / II / O / CD / Mono) Weaker <-> Stronger Ambient sound (Off / On) Left Stronger <-> Right Stronger Prevent sudden increase or decrease of sound. (Off / On)
- On Timer** Turns on the TV from standby mode. PR Select a channel. (01 - 99) On Timer Set a time. (00:00 - 12:00) Turns off the TV to standby mode. (Off / 10 / 20 / ...120)
- Sleep Timer** Turns off the TV to standby mode. (Off / 10 / 20 / ...120)
- Blue Back** Display a blue screen and mute the sound when the signal is weak or absent. (Off / On)
- Eco Mode** Adjust picture contrast to match your room brightness. (Off / Eco-1 / Eco-2)
- Auto Program Edit / Manual Edit** Automatically registers channels. Move a channel position by and Adjust by / .
- ID** Edit a channel name by .
- Insert** Insert a channel by . Select a CH/CC by / . Enter number by 0-9 buttons. Delete a channel by .
- Delete Manual** Register a new channel by . Beginning channel search by and . Channel fine tuning by and . If picture or sound is unnatural by for select a system.
- Language Video-2 Setting** Select your desired on screen display language. (Video / Component)
- Teletext Language** Select Teletext language group. (Group-1 / Group-2 / Group-3 / Group-4 / Group-5)
- HDMI Setting** Setting for HDMI input. (Size / Audio)
- PC Setting** Setting for PC input. (Auto / PC Position / Phase / Pixel)

(continued)

### Troubleshooting

If a problem occurs when you are using the TV, check the below troubleshooting guide before calling for repair.

- Severe noise or snow**
  - Check the aerial cable and TV connections .
  - Check the direction of the aerial.
  - Check the aerial or its cable damaged or not.
- Patterns, stripes or noise**
  - Interference caused by devices such as an amplifier, personal computer, or a hair drier, Move it away from TV.
- Ghosting (Doubling of images)**
  - Interference occurs caused by signal reflection from mountains or building. Try to adjust the aerial's direction or use another antenna.
- Cannot turn it on**
  - Ensure the power cord is connected to the AC outlet correctly.
  - Cannot operate the remote control. The batteries may be exhausted. Replace with new batteries. Ensure that you are operation the remote control at less than 7 meters from the front of your TV.
- Remote control stops working**
  - Unplug TV, several minutes later plug it in again.
- Aspect ratio changed unintentionally**
  - Press button to return to your settings.
- PC screen alignment is off**
  - Adjust the "PC Position" in "PC Setting" of Set Up menu.
- Blue screen appears on the screen**
  - Switch "Blue Back" to "Off".
- Strange picture when using an external device**
  - If the top of the image is distorted, check the video signal quality itself. If movement appears unnatural when receiving a signal from a DVD player, etc. with 625p (progressive-scanning), change the output setting of the external device to 625i (interlace-scanning).
- No picture, No sound**
  - Some input do not output from OUT terminal.
- Poor picture quality**
  - Unnatural colour >> Adjust "Colour" and "Backlight". Check "Colour System". If "Auto" is selected. Select the specific colour system manually. Set to the following functions. Picture Mode : Standard Set to the following functions. Picture Mode : Bright
  - Noise >> Picture Mode : Standard Set to the following functions. Picture Mode : Bright
  - Dull picture >> Picture Mode : Bright
- Poor sound**
  - Adjust the "Bass" and "Treble". If receiving a poor signal in "Stereo/I/II" switch to "Mono". Adjust the channel reception using "Manual".
- For HDMI signal, wrong screen size.**
  - Switch "Size" in "HDMI Setting" to "1" or "2".
- For HDMI signal, green and distorted screen.**
  - Wait a little for the signal to stabilize when switching the signal format for an "HDMI" device.
- For HDMI signal, No picture / No sound**
  - Use the cable marked with HDMI logo. Check if the device is compliant with HDMI. Switch "Audio" in "HDMI Setting" to "Digital" or "Auto" for HDMI devices, or "Analogue" or "Auto" for DVI devices.
- Some functions do not work.**
  - It is not a malfunction. Some functions (dark background) in the menu do not work depending on the situation.
- Black or white dots appear on the screen.**
  - LCD panels use fine dots ("pixels") to display images. While more than 99.99% of these pixels function properly, a very small number of pixels may not light, or may light all the time. It is not a malfunction.

### CH / CC

US : The United States, Philippines, etc.  
 CCIR : The Middle East, Southeast Asia, etc.  
 OIRT : Eastern Europe, Russia, Vietnam, etc.  
 AUSTRALIA : Australia, etc.

CH	US	CCIR	OIRT	AUSTRALIA	CH 48	US-48	WH43	E48	CC 24	K	E-24
CH 02	US-02	E2	R1	AU-0	CH 49	US-49	WH44	E49	CC 25	L	E-25
CH 03	US-03	E3	AU-1		CH 50	US-50	WH45	E50	CC 26	M	E-26
CH 04	US-04	E4	R2	AU-2	CH 51	US-51	WH46	E51	CC 27	N	E-27
CH 05	US-05	E5	R3	AU-3	CH 52	US-52	WH47	E52	CC 28	O	E-28
CH 06	US-06	E6	R4	AU-4	CH 53	US-53	WH48	E53	CC 29	P	E-29
CH 07	US-07	E7	R5	AU-5	CH 54	US-54	WH49	E54	CC 30	Q	E-30
CH 08	US-08	E8	R6	AU-6	CH 55	US-55	WH50	E55	CC 31	R	E-31
CH 09	US-09	E9	R7	AU-7	CH 56	US-56	WH51	E56	CC 32	S	E-32
CH 10	US-10	E10	R10	AU-10	CH 57	US-57	WH52	E57	CC 33	T	E-33
CH 11	US-11	E11	R11	AU-11	CH 58	US-58	WH53	E58	CC 34	U	E-34
CH 12	US-12	E12	R12		CH 59	US-59	WH54	E59	CC 35	V	E-35
CH 13	US-13				CH 60	US-60	WH55	E60	CC 36	W	E-36
CH 14	US-14	W-29			CH 61	US-61	WH56	E61	CC 37	W-1	E-37
CH 15	US-15	W-30			CH 62	US-62	WH57	E62	CC 38	W-2	E-38
CH 16	US-16	W-31			CH 63	US-63	WH58	E63	CC 39	W-3	E-39
CH 17	US-17	W-32			CH 64	US-64	WH59	E64	CC 40	W-4	E-40
CH 18	US-18	W-33			CH 65	US-65	WH60	E65	CC 41	W-5	E-41
CH 19	US-19	W-34			CH 66	US-66	WH61	E66	CC 42	W-6	E-42
CH 20	US-20	W-35			CH 67	US-67	WH62	E67	CC 43	W-7	E-43
CH 21	US-21	W-36			CH 68	US-68	WH63	E68	CC 44	W-8	E-44
CH 22	US-22	W-37	E22		CH 69	US-69	WH64	E69	CC 45	W-9	E-45
CH 23	US-23	W-38	E23		CH 70	US-70	WH65	E70	CC 46	W-10	E-46
CH 24	US-24	W-39	E24		CH 71	US-71	WH66	E71	CC 47	W-11	E-47
CH 25	US-25	W-40	E25		CH 72	US-72	WH67	E72	CC 48	W-12	E-48
CH 26	US-26	W-41	E26		CH 73	US-73	WH68	E73	CC 49	W-13	E-49
CH 27	US-27	W-42	E27		CH 74	US-74	WH69	E74	CC 50	W-14	E-50
CH 28	US-28	W-43	E28		CH 75	US-75	WH70	E75	CC 51	W-15	E-51
CH 29	US-29	W-44	E29		CH 76	US-76	WH71	E76	CC 52	W-16	E-52
CH 30	US-30	W-45	E30		CH 77	US-77	WH72	E77	CC 53	W-17	E-53
CH 31	US-31	W-46	E31		CH 78	US-78	WH73	E78	CC 54	W-18	E-54
CH 32	US-32	W-47	E32		CH 79	US-79	WH74	E79	CC 55	W-19	E-55
CH 33	US-33	W-48	E33		CH 80	US-80	WH75	E80	CC 56	W-20	E-56
CH 34	US-34	W-49	E34		CH 81	US-81	WH76	E81	CC 57	W-21	E-57
CH 35	US-35	W-50	E35		CH 82	US-82	WH77	E82	CC 58	W-22	E-58
CH 36	US-36	W-51	E36		CH 83	US-83	WH78	E83	CC 59	W-23	E-59
CH 37	US-37	W-52	E37		CH 84	US-84	WH79	E84	CC 60	W-24	E-60
CH 38	US-38	W-53	E38		CH 85	US-85	WH80	E85	CC 61	W-25	E-61
CH 39	US-39	W-54	E39		CH 86	US-86	WH81	E86	CC 62	W-26</	