



## WIDE LCD PANEL TV INSTRUCTIONS



This illustration shows LT-32EX18.



**LT - 32BX18**  
**LT - 32EX18**  
**LT - 42EX18**

The illustrations of LT-32EX18 is used in this instruction manual for explanation purpose. Your TV may not look exactly the same as illustrated.

ENGLISH

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GGT0214-001C-H

**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!**

• **Place the TV as close to the outlet as possible!**

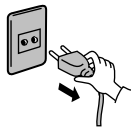
- The main power supply for this TV is controlled by inserting or removing the power plug.

• **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. (P. 4)

**If the TV is damaged or behaving strangely, stop using it at once!**

➔ Unplug the power cord and contact your retailer.



• **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 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.



• **Hold the TV so as not to scratch the screen!**

- Do not touch the screen when carrying the TV.

• **Do not carry the TV on your own!**

- In order to prevent accidents, ensure that the TV is carried by two or more people.

• **When attaching the TV to the wall, use the optional JVC wall mounting unit!**

- Consult a qualified technician.
- See the included manual on mounting procedures.
- JVC assumes no responsibility for damage due to improper mounting.
- **Never listen to headphones at high volume!**
  - It may damage your hearing.

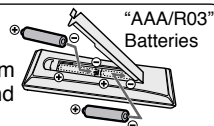
**Never try repair the TV yourself!**

- ➔ If the problem cannot be solved in "Troubleshooting" (P.13), unplug the power cord and contact your retailer.

• For more details on installation, usage and safety ➔ Consult your retailer.

# Remote control buttons and functions

- 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.



If this symbol is shown, it is only valid in the European Union.

Turn the volume off/on  
Change channel/page

## RETURN PLUS function

Return to the frequently viewed channel.

**Choose the channel you want to programme**

**To cancel**



Return Plus Programmed!

Return Plus Canceled!

## RETURN function

If you have not set or have canceled the RETURN PLUS channel, this will return to the previously viewed channel.

Select TV or Video input  
Channel information

## Channel selection

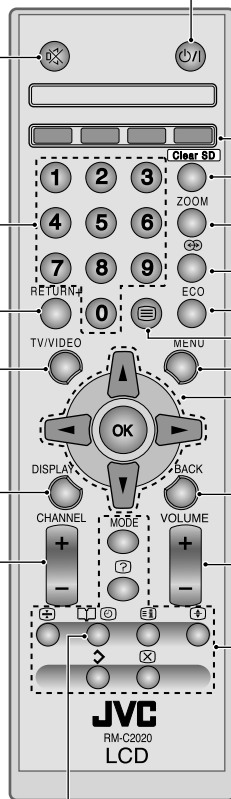
Select the desired channel number.

### For Hyper Scan



Press and hold

PR changes without changing the picture. Once you stop pressing CHANNEL+ or CHANNEL- button, picture will change to the desired PR.

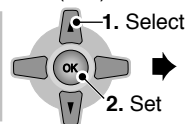
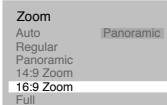


Turn the TV on from standby

Color button

Turn on "Clear SD"

Change the aspect ratio (P. 8)



V-Sroll

Move the picture with ▲ or ▼ while this bar is displayed.

Turn on "Cinema Surround"

Turn on "Eco Mode"

Not Application

Display on-screen menu

Operate the menu

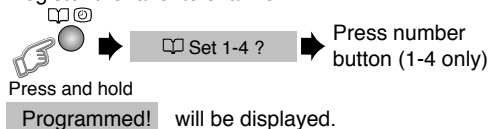
To previous screen

Adjust the volume, Turn off muting

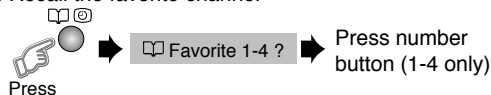
Not Application

Favorite channel setting. (P. 11)

1. Register the favorite channel



2. Recall the favorite channel



- If the favorite channel has not been registered then "No Memory" will be displayed.

## Set up and connections

LT - 32EX18



### Power lamp

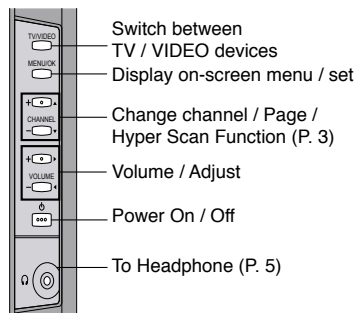
ON : Lit (Blue)

OFF : Unlit

Power lamp lights while the TV is on.

• "Power Lamp" (P. 11)

### Remote control sensor



## Care when setting

### Power requirements

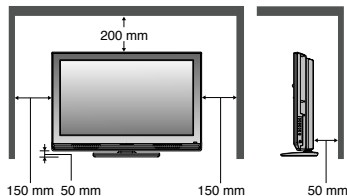
- Connect the power cord only to a 110-240V, 50/60Hz AC outlet.

### When attaching the TV to the wall, use the optional JVC wall mounting unit

- Consult a qualified technician.
- JVC assumes no responsibility for damage due to improper mounting.
- 200 mm x 200 mm mount which conforms to VESA standards.

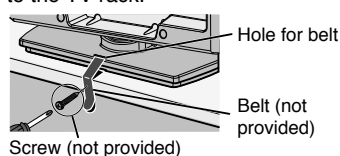
### Installation requirements

- To avoid overheating, ensure the unit has ample room.

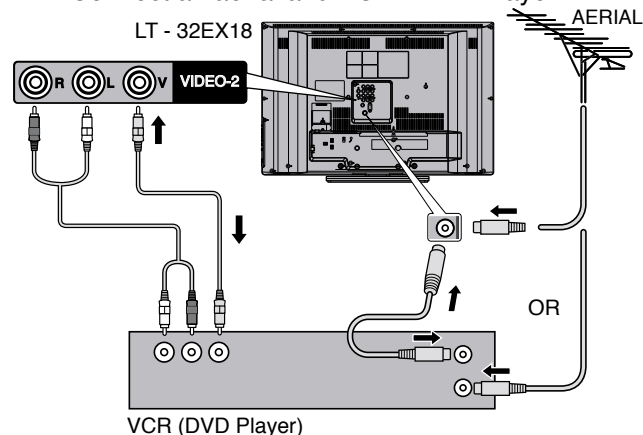


LT - 32EX18

- 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.



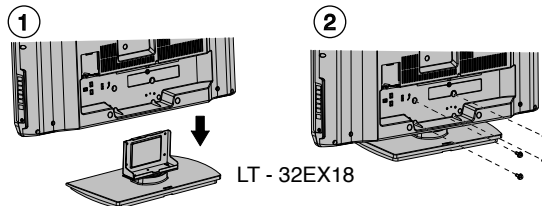
## Connect an aerial and VCR / DVD Player



- After all the connections have been made, insert the plug into an AC outlet.

## Stand Assembly

- Insert the stand into the panel at the position where the screw holes are, and fasten the screws.

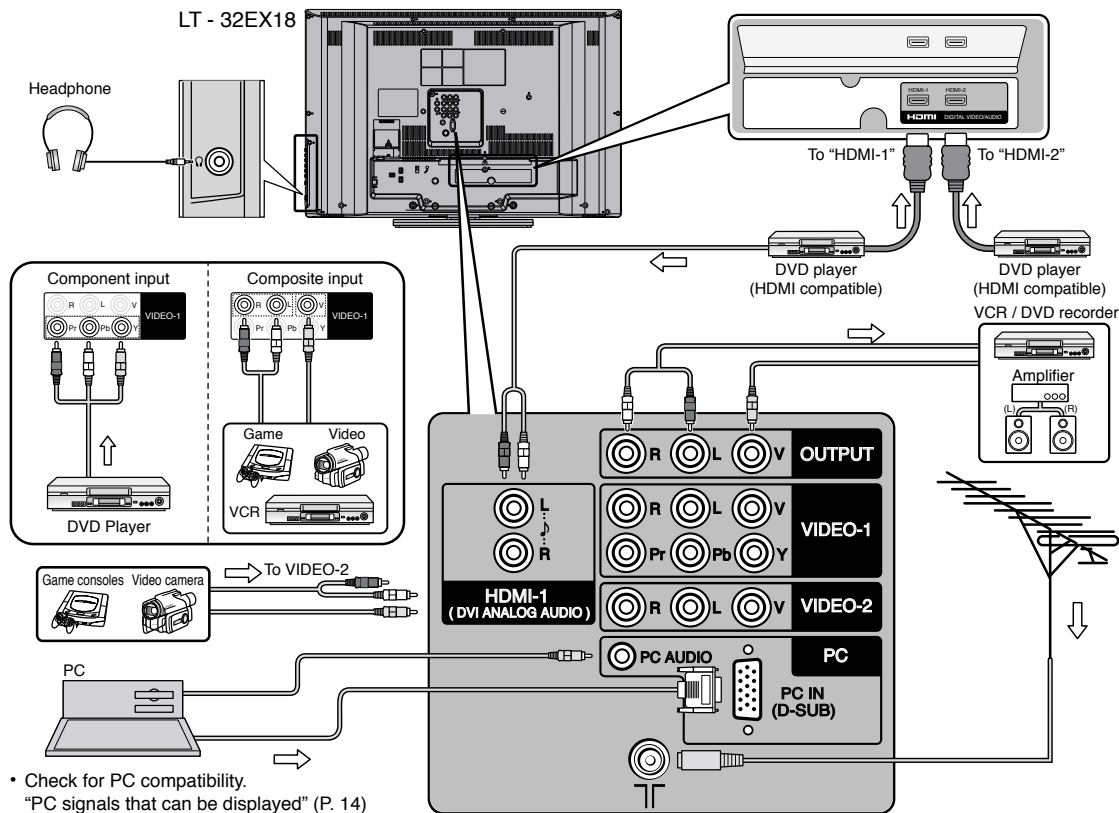


- If you have any problem with assembly, please contact a retailer or a dealership.

Note: 4 screws included.

## Set up and connections (continued)

You can connect many different devices to the rear panel of the TV.  
Please read the user manuals of each device before setup.  
(Connecting cables are not supplied with this TV.)



### VIDEO-1 Watching videos

Output	Input
	<ul style="list-style-type: none"> <li>• Composite signal / Component signal (P. 15)</li> <li>• Sound L / R</li> </ul>

- Use Component signal "Video - 1 Setting" (P. 12)

### VIDEO-2 Watching videos

Output	Input
	<ul style="list-style-type: none"> <li>• Composite signal</li> <li>• Sound L / R</li> </ul>

### HDMI-1 Connecting HDMI-2 HDMI devices

Output	Input
	<ul style="list-style-type: none"> <li>• HDMI signal (P. 15)</li> </ul>

- "HDMI Setting" (P. 12)
- HDMI-2 input does not support analogue audio.
- Connect a "DVI" device to "HDMI-1" (P. 14)

### OUT

- Video and sound signal of a TV channel you are viewing outputs from this terminal.

Output
<ul style="list-style-type: none"> <li>• Composite Signal</li> <li>• Sound L/R</li> </ul>

## Initial Settings

### 1 Turn on the TV

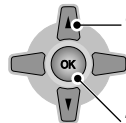
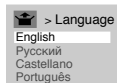


JVC logo appears



- Show only when powering on for the first time.
- The power on the unit can also be used.

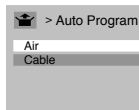
### 2 Select a language



1. Select

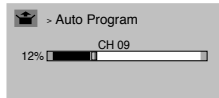
2. Set

### 3 Select Air or Cable.

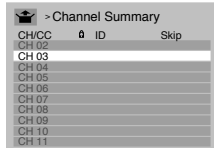


Select

### 4 Automatically register channels (Auto Program)



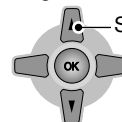
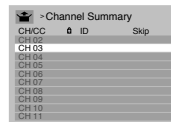
### 5 Check what was registered



- If you want to set undesired channels to be skipped, read the next column.

## Channel Summary

You can edit the channel list or register new channel manually.



Select a channel

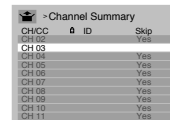
### Skip

Skip the channel.



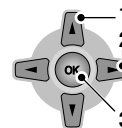
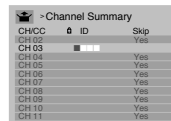
### Cancel

Cancel the skip channel.



### ID Edit

Edit a channel name.



1. Select the character

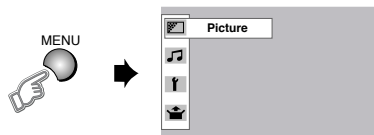
2. Move to the next column

3. Set

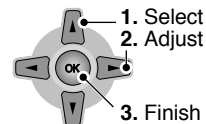
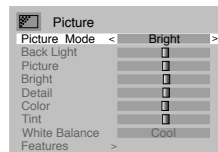
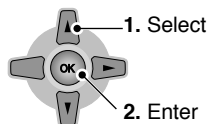
- Channels are to be skipped cannot be selected by the CHANNEL +/- button.
- The skip can be set to all channels of Air (CH02 - CH69) and Cable (CC01 - CC125)

# Picture setting

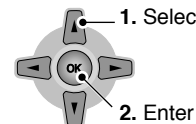
## 1. Display "Picture" menu



## 2. Select item and setting or adjust



• To enter an items menu

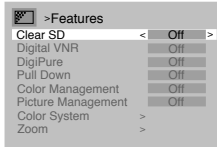


Picture Mode	<p>You can select a preset picture setting according to your favor.</p> <ul style="list-style-type: none"> <li>→ Bright : Hightens contrast and sharpness.</li> <li>↕</li> <li>Standard : Standardize picture adjustment.</li> <li>↕</li> <li>→ Soft : Softens contrast and sharpness.</li> </ul>
Back Light	<p>You can change the backlight brightness.</p> <p>Darker ↔ Brighter</p>
Picture	<p>You can change the contrast of the picture.</p> <p>Lower ↔ Higher</p>
Bright	<p>You can change the brightness of the picture.</p> <p>Darker ↔ Brighter</p>
Detail	<p>You can change the sharpness of the picture.</p> <p>Softer ↔ Sharper</p>
Color	<p>You can change the color of the picture.</p> <p>Lighter ↔ Deeper</p>
Tint	<p>You can change tint only in NTSC.</p> <p>Reddish ↔ Greenish</p>
White Balance	<p>You can change the white balance of the picture to better match the type of video being view.</p> <ul style="list-style-type: none"> <li>→ Cool : Bluish white color.</li> <li>↕</li> <li>Warm : Reddish white color.</li> <li>↕</li> <li>→ Mid : Normal white color.</li> </ul>

## Picture setting (continued)

### Features

#### Finer Picture adjustment



#### Clear SD

: For clearly picture (Off / Mode-1 / Mode-2)  
When Clear SD set to Mode-1 or Mode-2, then Digital VNR and DigiPure and Picture Management cannot operate.

#### Digital VNR

: Reduce the amount of noise in original picture. (Off / On)

#### DigiPure

: For natural - looking outlines (Off / On)

#### Pull Down

: For smooth cinema film (Auto / Off / On)

#### Color Management

: For natural - looking pictures (Off / On)

#### Picture Management

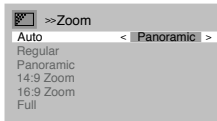
: Fix bright / dark pictures. (Off / On)

#### Color System

: When there is no color, change the color system. (PAL / SECAM / NTSC 3.58 / NTSC 4.43 / Auto)  
(For TV mode, Color system fix to NTSC3.58 only.)

#### Zoom

: Change the aspect ratio.



#### Panoramic

16 : 9

#### Regular/Slim

4 : 3

#### 14:9 Zoom

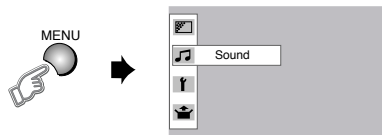
14 : 9

- When 720p or 1080i or 1080p signal is received, "Full" and "Slim" can be selected.
- In PC mode, "Regular" and "Full" can be selected.

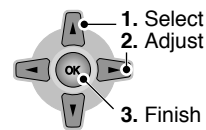
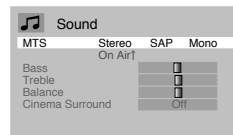
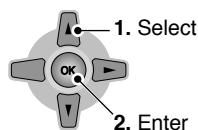


# Sound setting

1. Display "Sound" menu.



2. Select item and setting or adjust.



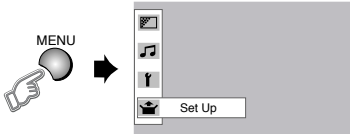
MTS	Select the stereo and SAP broadcasted programs. (Stereo : Stereo sound / SAP : Second Audio Programs / Mono : mono sound)
Bass	Low tones (Weaker ↔ Stronger)
Treble	High tones (Weaker ↔ Stronger)
Balance	Speaker balance (Left Stronger ↔ Right Stronger)
Cinema Surround	Ambient sound → High ↔ Low ↔ Mono ↔ Off

• Prevent the sudden change of sound.

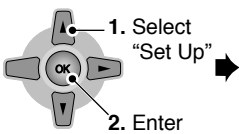
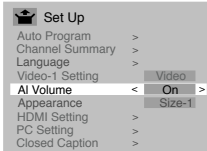
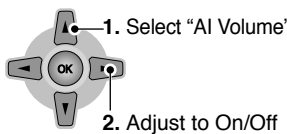
**AI Volume**

Prevent sudden increase or decrease of sound when changing channels.

1. Display "Set Up" menu.

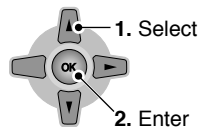
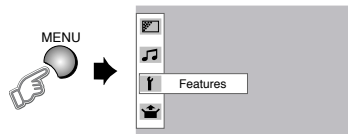


2. Select "AI Volume"

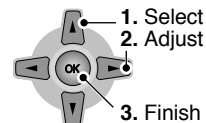
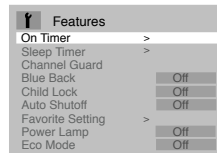




## Useful functions

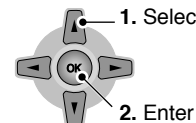
### 1. Display "Features" menu.



### 2. Select item and setting or adjust.



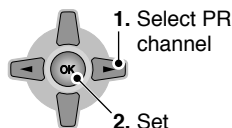
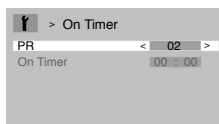
• To enter an items menu



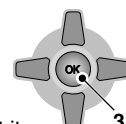
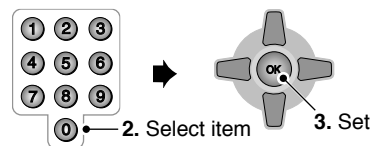
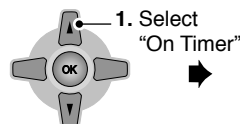
#### On Timer

TV to turn on automatically from standby mode at a set channel and time.

### 1. Select PR channel that you want to watch.



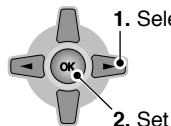
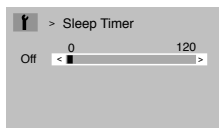
### 2. Set the On Timer to your desired period at time.



Note : Press  for reset time setting.

#### Sleep Timer

TV to turn off automatically to standby mode after a set time.

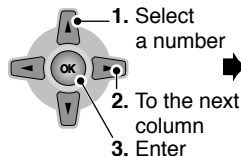


Note : When the remaining elapse is one minute, "Good Night!" appears on the screen.

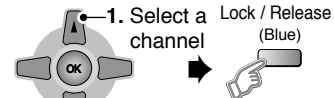
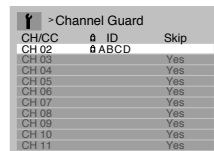
#### Channel Guard


Stop children from watching specific channels.

### 1. Select "Channel Guard"

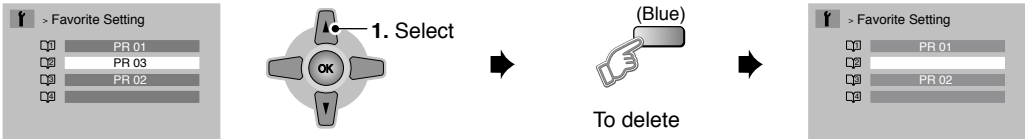


### 2. Select a channel and lock it ( : locked )

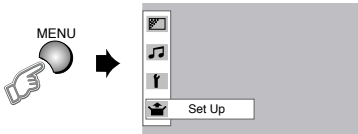
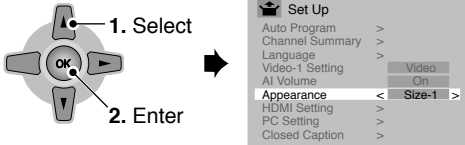
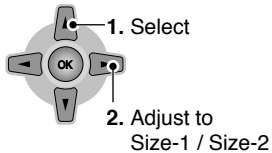


• View a locked channel by use the numerical buttons to enter the channel number. When  appears, press "DISPLAY" button and enter your "ID No."

## Useful functions (continued)

<b>Blue Back</b>	Display a blue screen and mute the sound when the signal is weak or absent. (On / Off)
<b>Child Lock</b>	Disables the side control buttons of the TV. (On / Off)
<b>Auto Shutoff</b>	Set the power to turn off if no signal is received and no operation is performed for about 15 minute. (On / Off)
<b>Favorite Setting</b>	<p>Delete the favorite channel that you registered.</p> 
<b>Power Lamp</b>	Power lamp lights while the TV is on. (On / Off) (P. 4)
<b>Eco Mode</b>	Adjust contrast of light and dark according to the brightness of your room. (Off / Eco-1 / Eco-2)

- Change the on-screen menu size.

<b>Appearance</b>  Change the on-screen menu size.	<p>1. Display "Set Up" menu.</p>  <p>2. Select "Appearance"</p>  
--	--

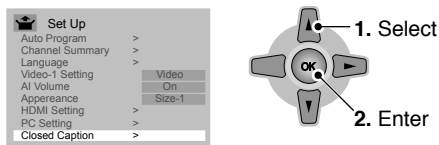
## Viewing Closed Caption

You can watch closed captions or text information.

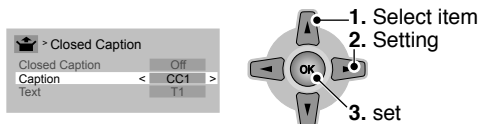
### 1. Select "Set Up"



### 2. Select "Closed Caption"



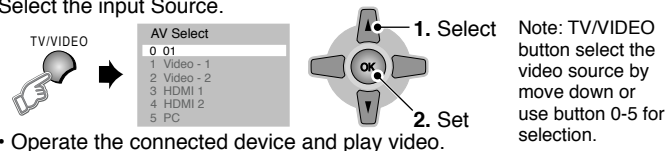
### 3. Select the desired caption or text channel.



- Closed Caption** : 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)

## Watching Video or DVDs

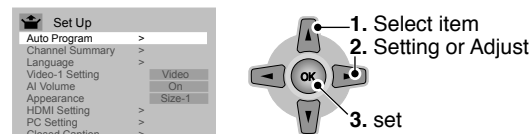
Select the input Source.



### 1. Select "Set Up"



### 2. Select item

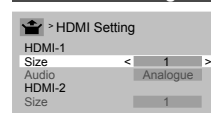


#### Video - 1 Setting

Switch between video and component signal  
(Video / Component)

#### HDMI Setting

Setting for HDMI input



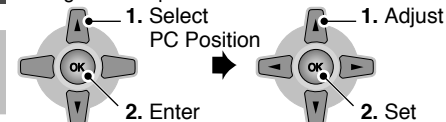
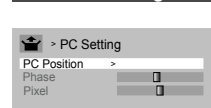
**Size** : Normally set to "Auto." If wrong screen size appears in 480p (525p), change to "1" or "2"

**Audio** : Normally set to "Auto." If no sound, change to "Analogue" or "Digital."

• "Audio" is not available for HDMI - 2

#### PC Setting

Setting for PC input




**PC Position** : Adjust screen position.

**Phase** : Sets the focus of screen.

**Pixel** : Adjusts the horizontal feature of screen.

## Troubleshooting

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

Severe noise or snow	Page
Check the aerial cable and TV connections .	P. 4
Check the direction of the aerial.	P. 4
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.	--
Side control buttons do not work	
Switch "Child Lock" to "Off".	P. 11
Aspect ratio changed unintentionally	
Press  button to return to your settings.	P. 8
PC screen alignment is off	
Adjust the "PC Position" in "PC Setting" of Set Up menu.	P. 12
Blue screen appears on the screen	
Switch "Blue Back" to "Off".	P. 11
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)	--

Poor picture quality	Page
Unnatural color >> Adjust "Color" and "Back Light"	P. 7
Check "Color System". If "Auto" is selected select the specific color system manually.	P. 8
Noise >> Set to the following functions.	
Picture Mode : Standard	P. 7
DigiPure : On	P. 8
Dull picture >> Set to the following functions.	
Picture Mode : Bright	P. 7
DigiPure : On	P. 8
Poor sound	
Adjust the "Bass" and "Treble".	P. 9
Adjust the channel reception using "Manual".	P. 6
For HDMI signal, wrong screen size in 480p (525p).	
Switch "Size" in "HDMI Setting" to "1" or "2".	P. 12
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.	P. 12
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.	--
No picture, No sound	
Some input do not output from OUT terminal.	--

## Technical information

### 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 (Hz)	60.0

### Connect "DVI" devices

Connect a "DVI" device to "HDMI-1" using "DVI-HDMI" conversion cable. Connect analogue sound output of the DVI device to L and R terminals in IN HDMI-1.

- Set "Audio" in "HDMI Setting" to "Analogue" or "Auto" (P. 12)
- HDMI-2 input does not support analogue sound (IN HDMI-1).
- HDMI-2 input does not support DVI devices.

### What is "Clear SD"

LCD picture is unstable due to a large number of signal noise. Such noise appears extensively especially when an LCD displays SD signals. Clear SD mode resolves disadvantage for better picture quality.



No use "Clear SD"



Use "Clear SD"

# Specification

## Main unit

Model	LT-32BX18	LT-32EX18	LT-42EX18
Broadcasting systems	M		
Color systems	TV mode : NTSC 3.58 MHz Video mode: PAL, SECAM, NTSC 3.58 MHz, NTSC 4.43 MHz		
Channels and frequencies	VHF low channel (VL) = 55.25 to 127.25 MHz VHF high channel (VH) = 133.25 to 361.25 MHz UHF channel (U) = 367.25 to 801.25 MHz		
Sound-multiplex systems	MTS (Multi-channel Television Sound)		
Power requirements	AC 110 V - 240 V, 50/60Hz		
Audio output (Rated power output)	6 W + 6 W	6 W + 6 W	10 W + 10 W
Speakers	(16 cm x 4 cm) x 2	(16 cm x 4 cm) x 2	(16 cm x 4 cm) x 2
Power consumption [standby]	129 W [1.3 W]	129 W [1.3 W]	203 W [1.2 W]
Screen size (visible area size measured diagonally)	80 cm	80 cm	105 cm
Dimensions (W x H x D: mm) [without stand]	869 x 548 x 230.5 [869 x 496.4 x 103.9]	791 x 571.7 x 230.5 [791 x 520.5 x 103.9]	1014 x 698 x 296 [1014 x 646.5 x 108.7]
Weights [without stand]	13.5 kg [12.5 kg]	12.6 kg [11.9 kg]	22 kg [20 kg]
Accessories	Remote control unit : RM-C2020 x 1 AAA/R03 dry cell battery x 2 Screw x 4		

## Terminals / Connectors

Terminal name		Terminal type	Signal type (IN)	Signal type (OUT)
Input terminals	VIDEO-1	RCA connectors x 6	Composite video, Analogue component 576i (625i) / 480i (525i), Progressive : 576p (625p) / 480p (525p), HD : 1080i (1125i), 720p (750p) / 1080p (1125p) Audio L / R	
	VIDEO-2	RCA connectors x 3	Composite video, Audio L / R	
	HDMI-1	HDMI connector x 1	HDMI 576i (625i) / 480i (525i) / 576p (625p) / 480p (525p), 720p (750p) / 1080p (1125p) / 1080i (1125i)	
	HDMI-2	HDMI connector x 1		
	IN HDMI-1	RCA connectors x 2	Audio L / R	
	PC INPUT	D-SUB (15 pins) x 1	Analogue PC signal	
	PC AUDIO	PC-IN (3.5 pinjack) x 1	Audio	
Output terminals	MONITOR OUT	RCA connectors x 3		Composite video, Audio L / R
	Headphone	Stereo mini-jack x 1 (3.5 mm in diameter)		Headphone output

• We may change the design and specifications without notice.

# JVC

